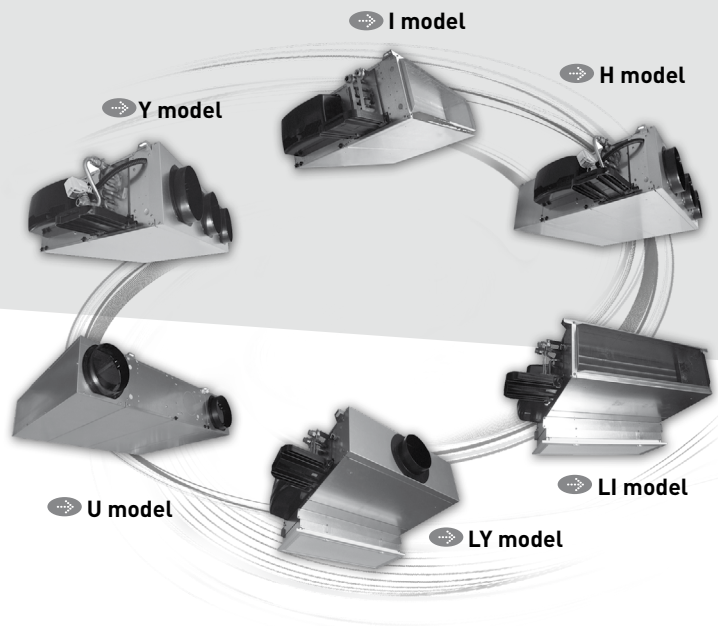


## COMFORT LINE™

Comfort units  
Ductable

Comfort unit with **high**  
**available static pressure.**  
**Modular** air  
discharge configurations  
**Flexible** installation.  
Excellent **acoustic comfort.**



ErP  
READY



## COMFORT LINE™

With its range of ductable comfort units, CIAT is strengthening its strategy of sustainable development and providing solutions that meet the latest requirements in terms of comfort, energy optimisation and quality for interior environments.

Integrating the latest technical developments, **COMFORT LINE™** is the customisable solution designed to provide summer and winter comfort for occupants of new and renovated buildings.

Easy to install, **COMFORT LINE™** is available in 6 frame sizes and comes in 3 thicknesses: 240, 245 and 280 mm, enabling perfect integration into all types of suspended ceilings.

For total flexibility and adaptability, **COMFORT LINE™** is available in several assembly versions: I, Y, H, U, U Compact, LI and LY.

In the HEE version (High Energy Efficiency), **COMFORT LINE™** not only provides energy savings of up to 85%, but also meets the strict requirements of thermal regulations such as RT 2012 in France. Furthermore, The **COMFORT LINE™** complies with the ErP 2015 directive in all these sizes.

In conjunction with Epure technology, **COMFORT LINE™** treats particle pollution. The EPURE solution guarantees excellent indoor air quality and ensures a PM2.5 particulate concentration below the limit recommended by the WHO (10 µg/m³).

## RANGE

The **COMFORT LINE™** range comprises 6 sizes covering a large scope of air flow rates, and comes in 10 models to provide great flexibility in terms of suspended ceiling configurations.

**COMFORT LINE™** is available as:

- A 2-tube system, with heating or cooling mode.
- A 2-tube + 2-wire system, with cooling + electric mode or heating/cooling + electric mode.
- A 4-tube system, with heating and cooling mode.

## RANGE CONFIGURATION

### Linear concepts

#### I MODEL

- Smooth metal rectangular sleeve on the supply air (option).
- Smooth metal rectangular sleeve on the intake (option).

#### Y MODEL

- Supply plenum with collars for circular duct.
  - \*Size 0: 1 Ø200 collar or 1 Ø160 collar, or 2 Ø200 collars or 2 Ø160 collars.
  - \*Size 2: 2 Ø200 collars or 2 Ø160 collars.
  - \*Size 3: 3 Ø200 collars or 3 Ø160 collars.
  - \*Size 4: 3 Ø200 collars.
  - \*Size 5: 3 Ø200 collars or 2 Ø250 collars.
  - \*Size 6: 4 Ø200 collars or 3 Ø250 collars.
- Smooth metal rectangular sleeve on the intake (option).

#### H MODEL

- Return plenum and supply plenum with collars for circular duct.
  - \*Size 0: 1 Ø200 collar or 1 Ø160 collar, or 2 Ø200 collars or 2 Ø160 collars.
  - \*Size 2: 2 Ø200 collars or 2 Ø160 collars.
  - \*Size 3: 3 Ø200 collars or 3 Ø160 collars.
  - \*Size 4: 3 Ø200 collars.
  - \*Size 5: 3 Ø200 collars or 2 Ø250 collars.
  - \*Size 6: 4 Ø200 collars or 3 Ø250 collars.

#### U MODEL (sizes 0, 2, 3 et 4)

- Return plenum and supply plenum with Ø 200 lateral collars.
- Ø 160 mm option for T0.

#### U COMPACT MODEL

- U model without filter for sizes 0 to 2.

### L concepts

#### LI MODEL (sizes 0 to 4)

- Air recovery grille integrated into the unit, with air supply via rectangular sleeve.

#### LIk MODEL (sizes 0 to 4)

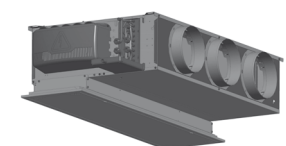
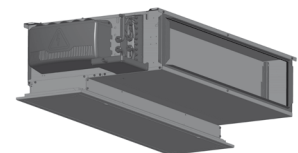
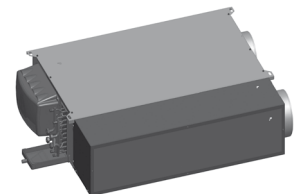
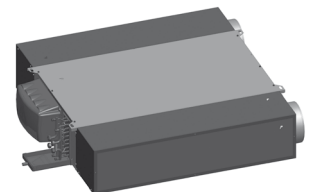
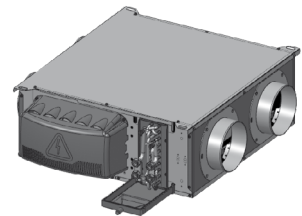
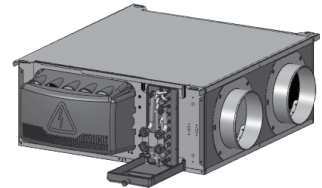
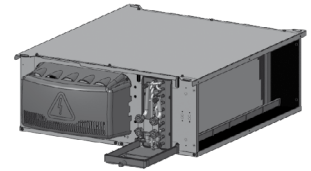
- Air recovery grille integrated into the unit, with air supply via air distribution kit: grille + counter frame.

#### LY MODEL (sizes 0 to 4)

- Air recovery grille integrated into the device, with air supply via Ø160 mm or Ø200 mm circular collars.

#### LYk MODEL (sizes 0 to 3)

- Air recovery grille integrated into the unit and supply air via diffusion kit with supply grille, supply plenum with Ø160 spigots and Ø160 mm flexible duct.
- CFL LYk Size 4 contact Technical Support.



## INNOVATIVE DESIGN

- Modular, scalable, functional frame,
- Simplified maintenance,
- No rivets used in its construction so it can be dismantled at the end of its service life,
- Multiple configurations depending on customer requirements.



## ADVANTAGES

- Minimal dimensions in the suspended ceilings.
- Integration of the latest technical developments with a very-low-consumption HEE motor and the Epure function for high indoor air quality (IAQ).
- Total flexibility and adaptability (assembly, water temperature, diffusion, filtration, etc.).
- Extensive capacity range.
- Wide selection of coils to adapt to various water temperatures.
- Uses an ecological energy transfer fluid.
- Comfort unit with high available static pressure.
- Easy maintenance, simplified access.
- Environmentally-responsible product.

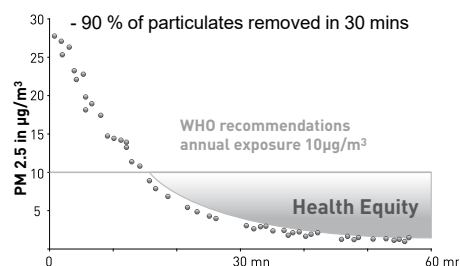
## FUNCTION



### IAQ - Indoor Air Quality

The air we breathe is full of fine particles which enter the respiratory system to varying degrees.

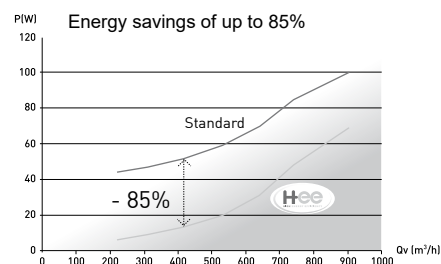
The Epure function (air purification system) is to exceed the WHO's recommendations on particle removal, reducing PM2.5 particulates to below 10 µg/m³ in less than an hour. This is equivalent to a reduction of 50% to 90% in particulate matter.



## COMPLIANCE WITH ENERGY CONSERVATION REQUIREMENTS

### High Energy Efficiency performance

In order to promote energy efficiency in buildings, **COMFORT LINE™** is equipped with an HEE motor which reduces the unit's electricity consumption by up to 85%.



## ECO-DESIGN

**COMFORT LINE™** has been fully designed using eco-design principles and falls within CIAT's sustainable development policy.

- Choice of supplier located close to the production plant,
- 94% recyclability rate,
- Since 2013, CIAT has been working in partnership with ECOLOGIC for the collection and recovery of waste from our appliances at end of life, subject to the WEEE directive.



## MORPHO CODES - COMFORT LINE™ DESCRIPTION

| Range | Size |    | Model | Assembly | No. and collar diameter | Coil type | Cou-pling | Thermal function |         | Motor | Speeds                 | Filter |
|-------|------|----|-------|----------|-------------------------|-----------|-----------|------------------|---------|-------|------------------------|--------|
| CFL   | 3    | 4P | LY    | STD      | 3D200                   | 4T        | G         | F                | + 1600W | HEE   | depending on selection | G3     |

EP

G3

SF

Epure filter

G3 filter

No filter

HEE 0-10V

HEE TOR

AC

Low-consumption motor 2-10 V control

Low-consumption motor 3-speed control

5-speed asynchronous motor

500 W or 1000 W

1000 W or 1600 W

1000 W or 2000 W

1600W or 3200W (AC) - 1500W or 3000W (HEE)

T0 and T2

T3 and T4

T5

T6

F

C

CF

CFE

Cooling

Heating

Heating/cooling

Heating/cooling + elec

G

D

Left, facing air supply

Right, facing air supply

2T

2T2F

4T

2-tube

2-tube + wiring

4-tube

1D160

1D200

2D160

2D200

3D160

3D200

2D250

4D200

3D250

1 x 160 mm collar

1 x 200 mm collar

2 x 160 mm collar

2 x 200 mm collar

3 x 160 mm collar

3 x 200 mm collar

2 x 250 mm collar

4 x 200 mm collar

3 x 250 mm collar

T0

T0

T0 and T2

T0 and T2

T3

T3, T4 and T5

T5

T6

T6

STD

FPR

Suspended ceiling

Raised floor (size 0 to 4)

I

Y

H

U

U\_COMP

LI

LY

Rectangular return -rectangular air supply (return and supply air sleeves optional)

Rectangular return -circular air supply collars (return air sleeve optional)

Circular return collars - circular air supply collars (with or without filter)

1 circular lateral return spigot -1 circular lateral supply air spigot with filter (Sizes 0 to 4)

1 circular lateral return spigot - 1 circular lateral supply air spigot without filter ( Sizes 0 and 2)

Return underneath - Rectangular air supply (size 0 to 4)

Return underneath - Circular air supply collars (size 0 to 4)

2J

2M

4P

4R

2-tube 2-row version

2-tube 3-row version

4-tube, 2-row version (cooling) + 1 row version (heating)

4-tube, 3-row version (cooling) + 1 row version (heating)

All sizes

Sizes 2 to 6

Sizes 0, 2, 3, 4 and 6

Sizes 5, 6

0

2

3

4

5

6

Size

CFL

COMFORT LINE™

## TECHNICAL DESCRIPTION

### The frame

■ Galvanised panelling, nickel-plated zinc-coated steel fastenings.

Polyester textile fibre insulation. M1 fire rating, thickness 10 mm.

### Water coil

- 1 hot water or cold water circuit (2-tube system),
- 1 hot water + 1 cold water circuit (4-tube system),
- Internally threaded rotating "female" couplings with flat face (diameter G $\frac{1}{2}$ " and G $\frac{3}{4}$ " according to size) and O-ring gasket,
- Copper tubes, continuous aluminium fins,
- Draining and air bleed valve,
- 16 Bar nominal service pressure (at 20°C), 18 Bar test pressure,
- Maximum hot water inlet temperature:
  - 4-tube application: 90°C,
  - 2-tube application: 90°C,
  - 2T/2-wire application: 55°C (min. air flow rate: 200 m<sup>3</sup>/h).

### Electrical heater (230V-1Ph-50Hz)

Resistive wire type heater (230 V - 1-ph - 50 Hz)

The electrical heater has a double safety feature:

- Built-in safety thermostat with self-hold + auto reset.
- Destructive thermal fuse.

### Condensate drain pan

Injected polypropylene drain pan insulated with 5 mm PE foam.

Drainage diameter: external Ø 16 mm.

### Fan motor assembly size 0 to 4

#### 1 fan motor assembly fitted with:

##### Fan

1 or 2 HEE impeller(s), with CIAT exclusive High Energy Efficiency airfoil blades in self-extinguishable ABS (HB) with galvanised metal housing.

##### HEE motor

High energy efficiency motor enabling a reduction of up to 85% in electricity consumption.

##### HEE motor description:

- Brushless technology,
- Sealed, tropicalised, with protected shaft,
- Gradual actuation with 0-10V control signal,
- Internal normally closed series automatic heat protection on the winding,
- Supply 230V $\pm$ 10%/1-Ph/50-60 Hz.

##### As an option for sizes 0 to 5

- 3-speed on/off output motor actuation,
- "DFS" motor fault output using a photocoupler for potential alarm feedback via a KNX protocol communication bus (via V3000 controller).

**Note: The minimum voltage required for start-up of the motor is 2V.**

Or

##### Asynchronous motor:

5-speed motor connected to terminal block.

##### Asynchronous motor description:

- Sealed, tropicalised, with protected shaft,
- Permanent capacitor,
- Ball bearings,
- Internal automatic overload protection as standard on winding,
- Resilient mounts,
- 230 V $\pm$ 10 %/1-ph/50-60 Hz supply,
- High efficiency and power factor.

### Sizes 5 & 6 fan AC motor assembly

#### Ventilator

2 turbines with ABS airfoil blades, dynamically balanced, with ABS impellers.

#### Asynchronous motor

5-speed motor connected to the terminal strip (see asynchronous motor description).

### Sizes 5 & 6 fan HEE motor assembly

#### Size 5 :

##### Ventilator

2 HEE turbines, High Energy Efficiency (exclusive to CIAT) airfoil blades made from self-extinguishable ABS (HB) and galvanised metal impellers.

##### Motor

High energy efficiency motor enabling a reduction in electricity consumption of up to 80% (see HEE motor description).

#### Size 6 :

##### Ventilator

3 turbines, with PP airfoil blades and PP impellers.

##### Motor

High energy efficiency motor enabling a reduction in electricity consumption of up to 80% (see HEE motor description).

## Electrics box

- Hydraulic connection side,
- Large ABS electrics box, 2-screw closure,
- Protection rating IP20,
- Terminal block on DIN rail in accordance with EN 50022, depth 7,5 mm,
- Cable routing for electrical connections installed by the customer.

## Filtration available (excluding Compact U)

### ■ EPURE function

- A protected air stream which prevents particles from being drawn into suspended ceilings.
- Local filtration using a high efficiency folded filter medium effective for PM of 2,5 microns:
  - Filter area: 10 times the intake surface area,
  - Low energy impact,
  - Improved service life,
  - M1 fire rating,
  - Easily accessible via 2 or 4 screws on sizes 0 to 4 and via 2 sliding on sizes 5 and 6,
  - Return air sleeve compulsory for Sizes 5 & 6.

### ■ Filter G3

- Flexible filter medium made of regenerative polyester fibre,
- EN779 Efficiency Class: G3,
- Fire rating: M1,
- Rigid metal frame,
- Easily accessible via 2 or 4 screws on sizes 0 to 4 and via 2 sliding tabs and/or 3 clips on sizes 5 and 6.

## Plenums

- Galvanised panelling, nickel-plated zinc-coated steel fastenings,
- ABS (HB) collars clipped onto the panelling,
- Supply plenum,
- Insulated plenum: polyester textile fibre insulation. M1 fire rating, thickness 10 mm,
- Return plenum:
  - uninsulated plenum.

## Mounting the unit

- The **COMFORT LINE™** must be suspended from the ceiling using 4 threaded rods: with CIAT resilient mounts min. diameter 6 mm and max. diameter 8 mm, without CIAT mount diameter 8 mm to 10 mm with a nut/washer assembly positioned on either side of the mounting bracket.

## Packaging

- Delivered on pallet and protected by stretch wrap film.

## Control

- RTR-E electromechanical wall-mounted thermostat range,
- V30 and V300 electronic range,
- V3000 networked electronic range (KNX),
- Networked electronic range (LON): VLON2,
- Fresh air control:
  - Pack R1: fresh air managed via presence sensor,
  - Pack R+ : Fresh air managed by CO<sub>2</sub> sensor.

## Options (factory-fitted)

- Condensate drain pump,
- Rectangular smooth metal supply air sleeve,
- Rectangular smooth metal return air sleeve,
- Hydraulic coil with protected fins for harmful/corrosive atmospheres (coastal locations, or areas close to chemical industries).

## Accessories (supplied separately)

- Smooth spigot, Ø 100 mm or 125 mm,
- Ø100 mm or 125 mm self-adjustable fresh air module kit:
  - Flow rate 15/30/45 m<sup>3</sup>/h,
  - Flow rate 60/75/90 m<sup>3</sup>/h,
- Resilient mounts,
- Ø 160 mm circular duct for air distribution kit (per 10 linear metre set),
- Condensate pan expansions,
- Flexible connection kit, length 300 mm, with or without 9-mm insulation.

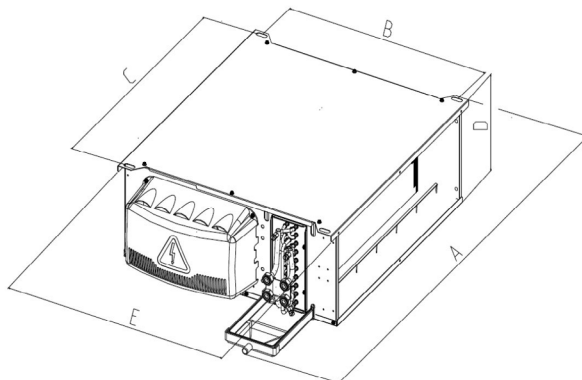
## Please consult us for options

- Return plenum insulation,
- Plenums with collar configurations (diameter and position) in addition to the standard offer,
- Electrical and hydraulic connections on opposite sides.



## LINEAR CONCEPTS

### I MODEL

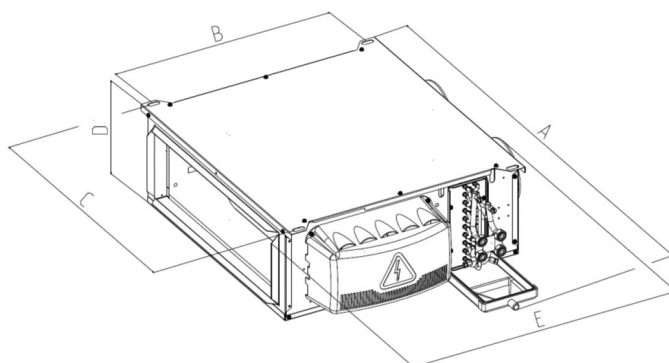


|      | A    | B   | C    | D   | E   | Supply     | Suction    | Weight (kg) |
|------|------|-----|------|-----|-----|------------|------------|-------------|
| T0*  | 708  | 535 | 485  | 241 | 590 | 430 x 209  | 430 x 209  | 14,8        |
| T2*  | 875  | 558 | 652  |     | 610 | 597 x 209  | 597 x 209  | 17,6        |
| T3*  | 1075 |     | 852  |     |     | 797 x 209  | 797 x 209  | 21,1        |
| T4*  | 1275 |     | 1052 |     |     | 997 x 209  | 997 x 209  | 23,1        |
| T5** | 1290 | 384 | 1070 | 280 | 568 | 990 x 248  | 960 x 245  | 29          |
| T6** | 1590 |     | 1370 |     |     | 1290 x 248 | 1260 x 245 | 35          |

\* Units with or without filter.

\*\* Unit with G3 filter or without filter.

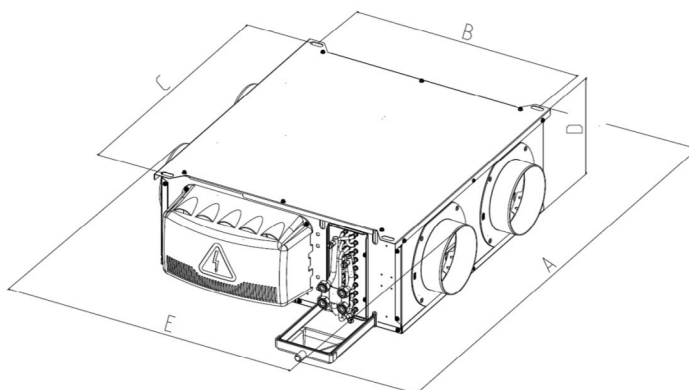
### Y MODEL



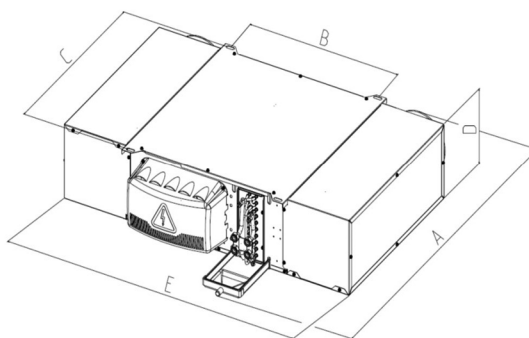
|      | A    | B   | C    | D   | E   | Supply                    | Suction    | Weight (kg) |
|------|------|-----|------|-----|-----|---------------------------|------------|-------------|
| T0*  | 708  | 535 | 485  | 241 | 660 | 1 or 2 x Ø 160 or 200 mm  | 430 x 209  | 15,5        |
| T2*  | 875  | 558 | 652  |     | 680 | 2 x Ø 160 or 200 mm       | 597 x 209  | 18,5        |
| T3*  | 1075 |     | 852  |     |     | 3 x Ø 160 or 200 mm       | 797 x 209  | 22,4        |
| T4*  | 1275 |     | 1052 |     |     | 3 x Ø 200 mm              | 997 x 209  | 24,7        |
| T5** | 1290 | 384 | 1070 | 280 | 620 | 3 x Ø 200 or 2 x Ø 250 mm | 960 x 245  | 31          |
| T6** | 1590 |     | 1370 |     |     | 4 x Ø 200 or 3 x Ø 250 mm | 1260 x 245 | 37          |

\* Units with or without filter.

\*\* Unit with G3 filter or without filter.

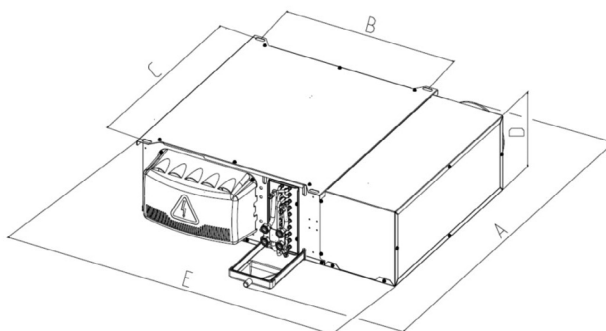
**H MODEL (with or without filter)**


|                     | A    | B   | C    | D   | E   | Supply                    | Suction                   | Weight (kg) |
|---------------------|------|-----|------|-----|-----|---------------------------|---------------------------|-------------|
| T0                  | 708  | 535 | 485  | 241 | 694 | 1 or 2 x Ø 160 or 200 mm  | 1 or 2 x Ø 160 or 200 mm  | 15,6        |
| T2                  | 875  | 558 | 652  |     | 714 | 2 x Ø 160 or 200 mm       | 2 x Ø 160 or 200 mm       | 18,9        |
| T3                  | 1075 |     | 852  |     |     | 3 x Ø 160 or 200 mm       | 3 x Ø 160 or 200 mm       | 22,5        |
| T4                  | 1275 |     | 1052 |     |     | 3 x Ø 200 mm              | 3 x Ø 200 mm              | 25,1        |
| T5 with filter      | 1290 | 384 | 1070 | 280 | 755 | 3 x Ø 200 or 2 x Ø 250 mm | 3 x Ø 200 or 2 x Ø 250 mm | 35          |
| T6 with filter      | 1590 |     | 1370 |     |     | 4 x Ø 200 or 3 x Ø 250 mm | 4 x Ø 200 or 3 x Ø 250 mm | 41          |
| T5 without a filter | 1290 | 384 | 1070 | 280 | 670 | 3 x Ø 200 or 2 x Ø 250 mm | 3 x Ø 200 or 2 x Ø 250 mm | 32          |
| T6 without a filter | 1590 |     | 1370 |     |     | 4 x Ø 200 or 3 x Ø 250 mm | 4 x Ø 200 or 3 x Ø 250 mm | 38          |

**U MODEL (with filter)**


|    | A    | B   | C    | D   | E    | Supply                   | Suction                  | Weight (kg) |
|----|------|-----|------|-----|------|--------------------------|--------------------------|-------------|
| T0 | 708  | 535 | 485  | 241 | 1060 | 1 x Ø 200 mm or Ø 160 mm | 1 x Ø 200 mm or Ø 160 mm | 20,8        |
| T2 | 875  | 558 | 652  |     | 1080 | 1 x Ø 200 mm             | 1 x Ø 200 mm             | 25,5        |
| T3 | 1075 |     | 852  |     |      | 1 x Ø 200 mm             | 1 x Ø 200 mm             | 26,1        |
| T4 | 1275 |     | 1052 |     |      | 1 x Ø 200 mm             | 1 x Ø 200 mm             | 35,1        |

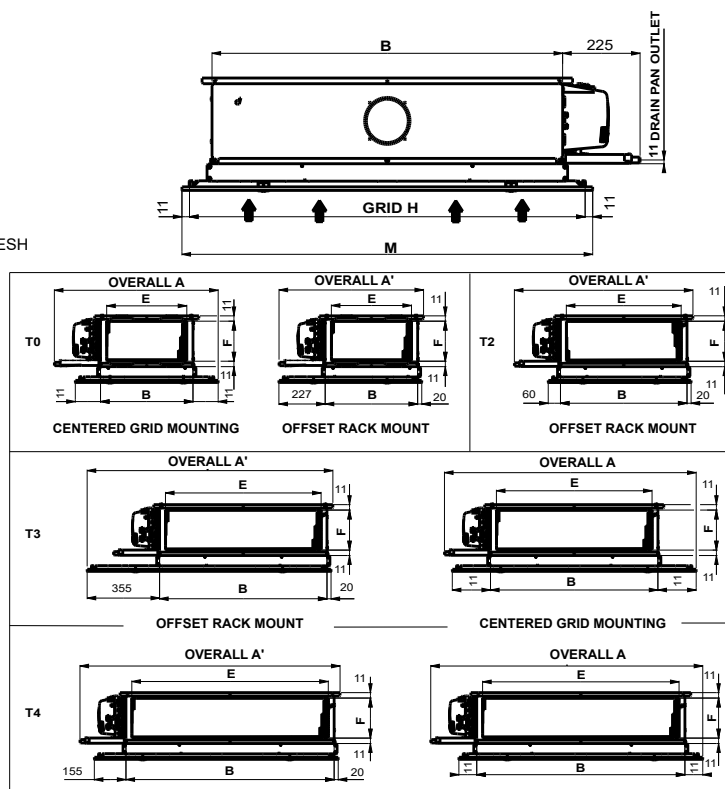
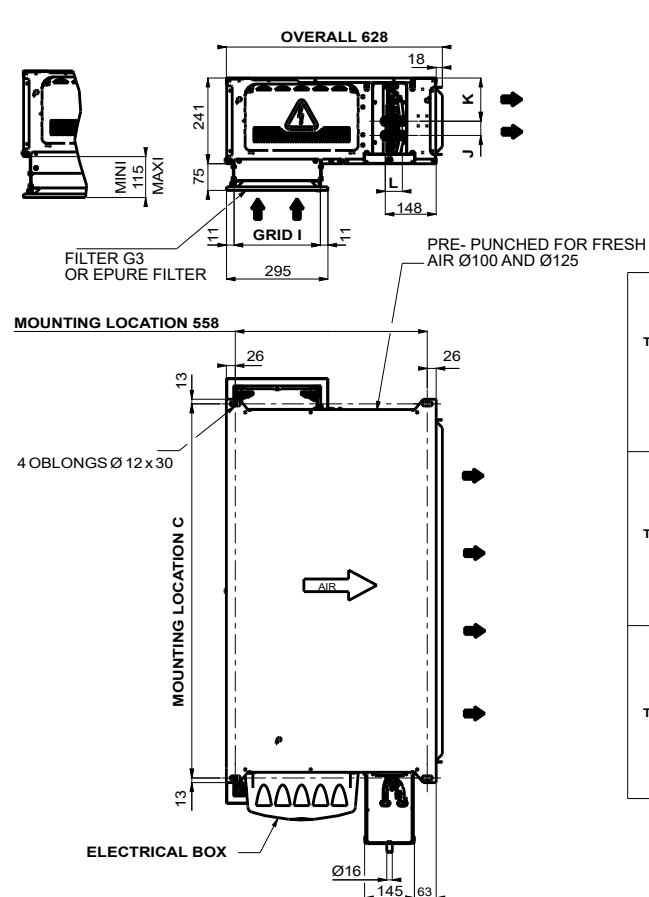


**U Compact MODEL (without a filter)**


|           | A   | B   | C   | D   | E   | Supply                   | Suction                  | Weight (kg) |
|-----------|-----|-----|-----|-----|-----|--------------------------|--------------------------|-------------|
| <b>T0</b> | 704 | 558 | 485 | 241 | 825 | 1 x Ø 200 mm or Ø 160 mm | 1 x Ø 200 mm or Ø 160 mm | 17,8        |
| <b>T2</b> | 875 |     | 650 |     | 845 | 1 x Ø 200 mm             | 1 x Ø 200 mm             | 21,5        |

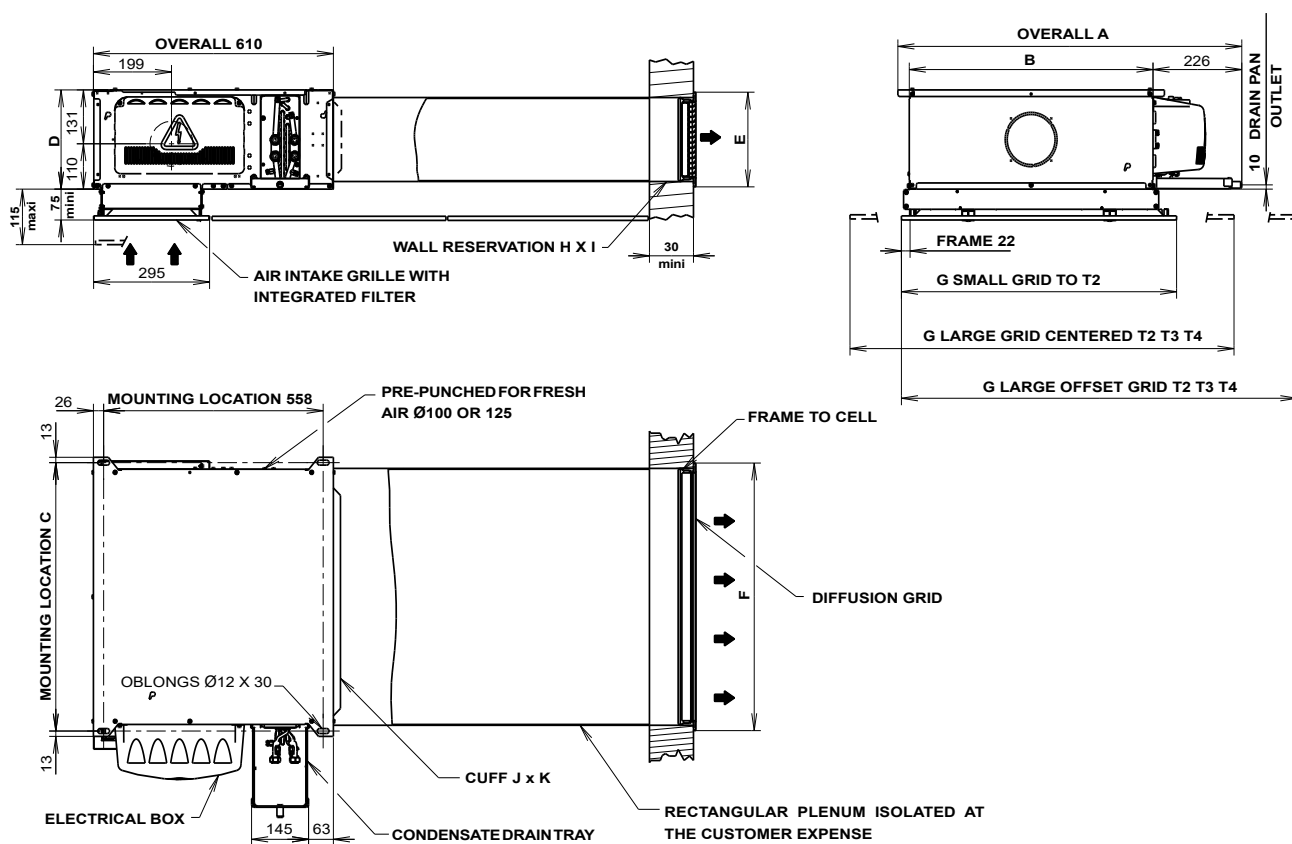
## L CONCEPTS

## LI MODEL

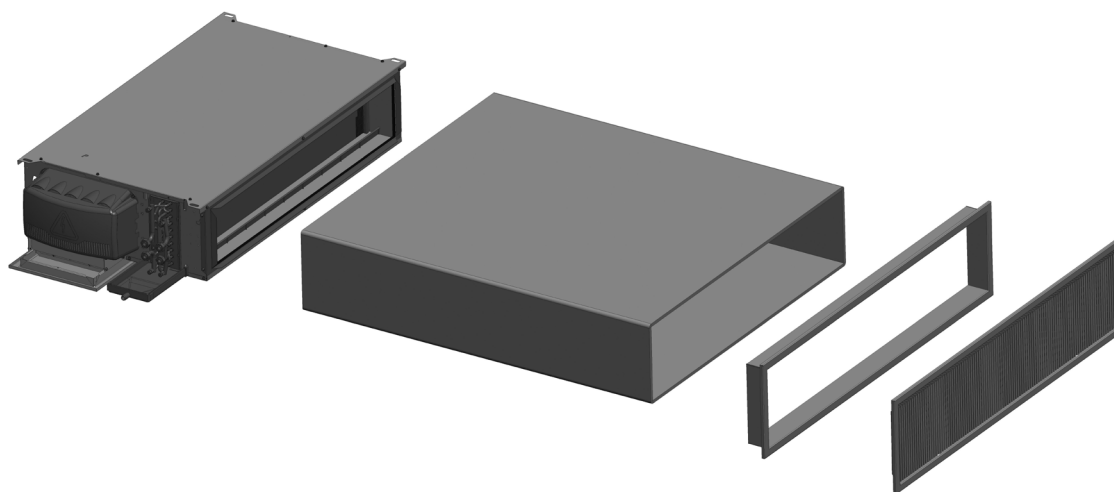


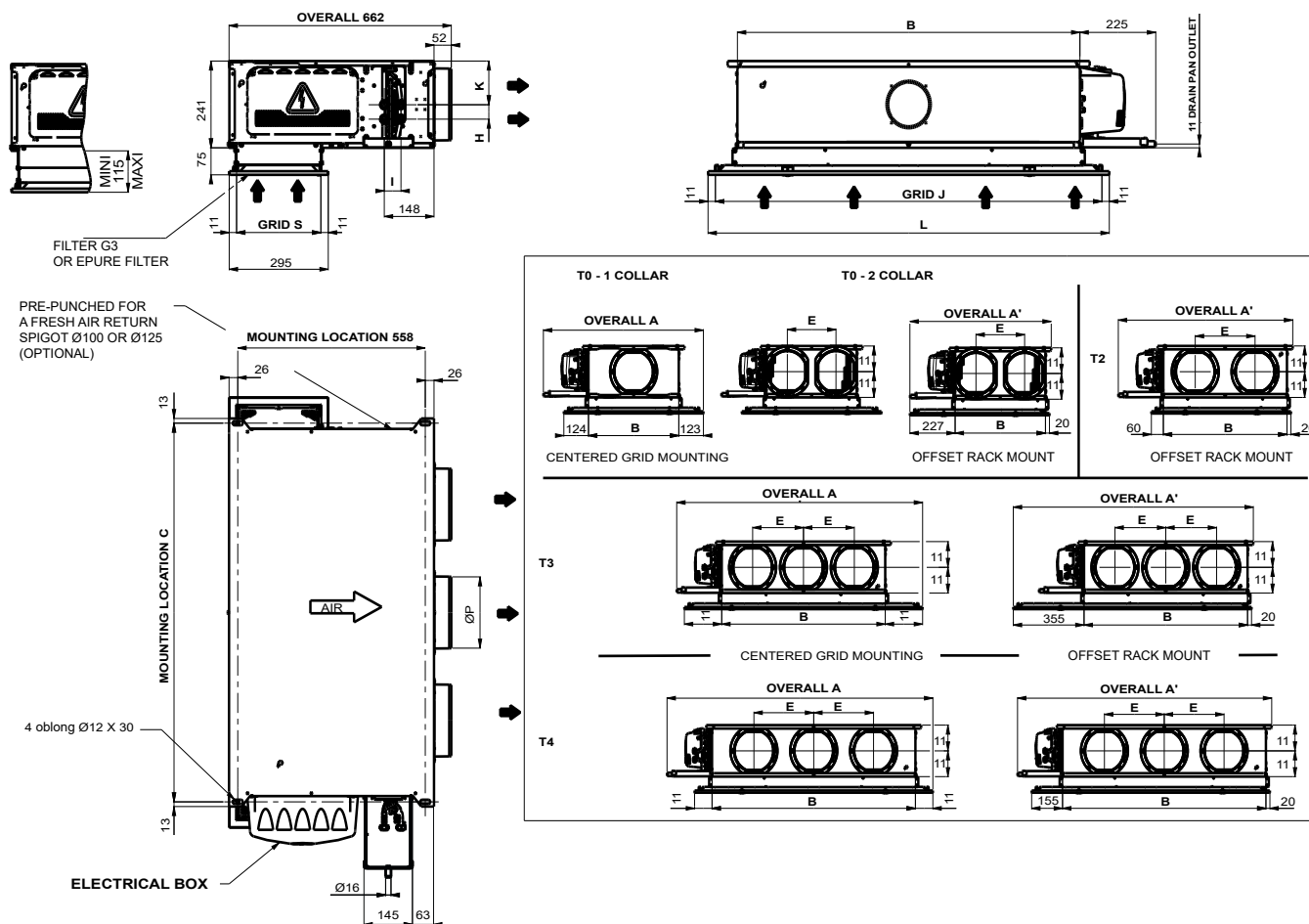
Note: 1200-mm long grille optional for sizes 2. Consult us.

| SIZE | A    | A'   | B    | C    | E<br>Air<br>supply | F<br>Air<br>supply | G      |        | H   | I   | J(4T) | K(4T) | L  | M   | N(2T) | P(2T) |
|------|------|------|------|------|--------------------|--------------------|--------|--------|-----|-----|-------|-------|----|-----|-------|-------|
|      |      |      |      |      |                    |                    | Coil f | Coil c |     |     |       |       |    |     |       |       |
| T0   | 803  | 709  | 453  | 485  | 393                | 190                | 1/2"   | 1/2"   | 656 | 251 | 40    | 121   | 50 | 700 | 40    | 121   |
| T2   | -    | 875  | 620  | 652  | 563                |                    |        |        |     |     |       |       |    |     |       |       |
| T3   | 1233 | 1204 | 820  | 852  | 763                |                    |        |        |     |     |       |       |    |     |       |       |
| T4   | 1333 | 1275 | 1020 | 1052 | 963                |                    |        |        |     |     |       |       |    |     |       |       |

**LIK MODEL**


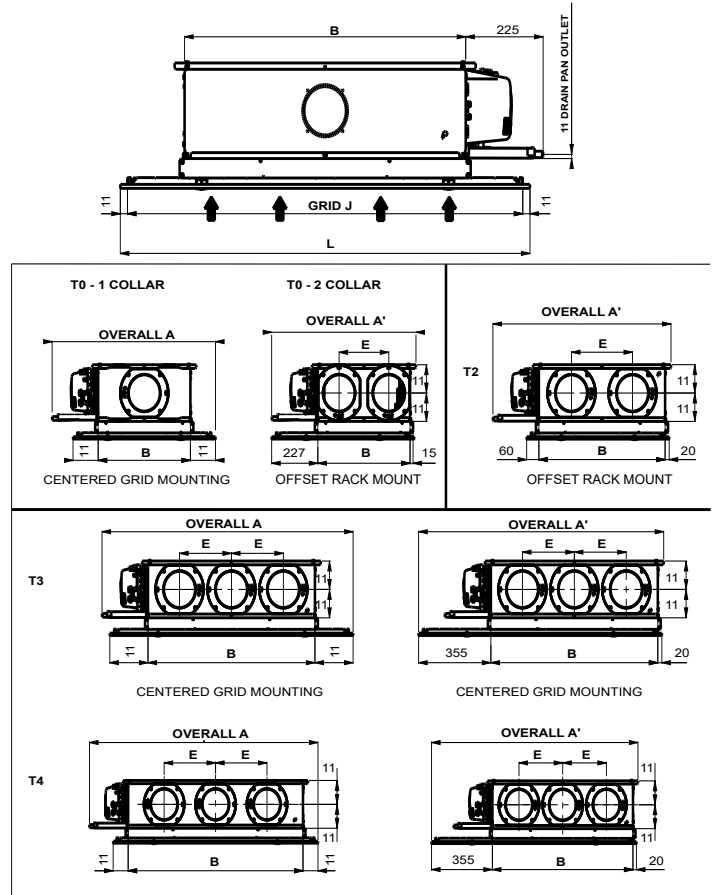
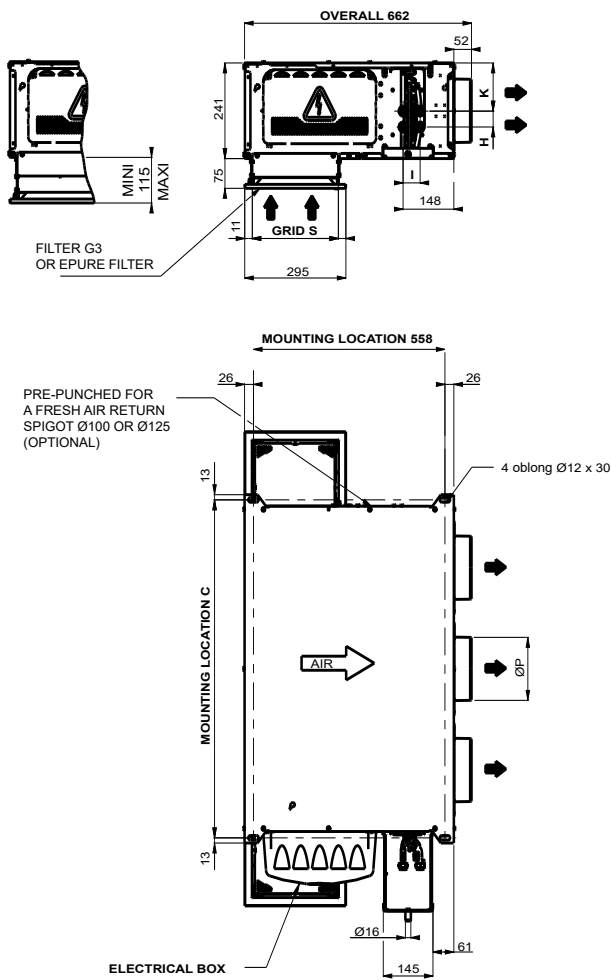
| SIZE | A    | B    | C    | D   | E   | F   | G        | H   | I   | J   | K   |
|------|------|------|------|-----|-----|-----|----------|-----|-----|-----|-----|
| T0   | 709  | 453  | 485  | 241 | 220 | 423 | 700      | 195 | 398 | 393 | 190 |
| T2   | 875  | 620  | 652  |     |     | 593 | 700/1195 |     | 568 | 563 |     |
| T3   | 1204 | 820  | 852  |     |     | 793 | 1195     |     | 768 | 763 |     |
| T4   | 1274 | 1020 | 1052 |     |     | 993 |          |     | 968 | 963 |     |



**LY MODEL - ø 200 collar**


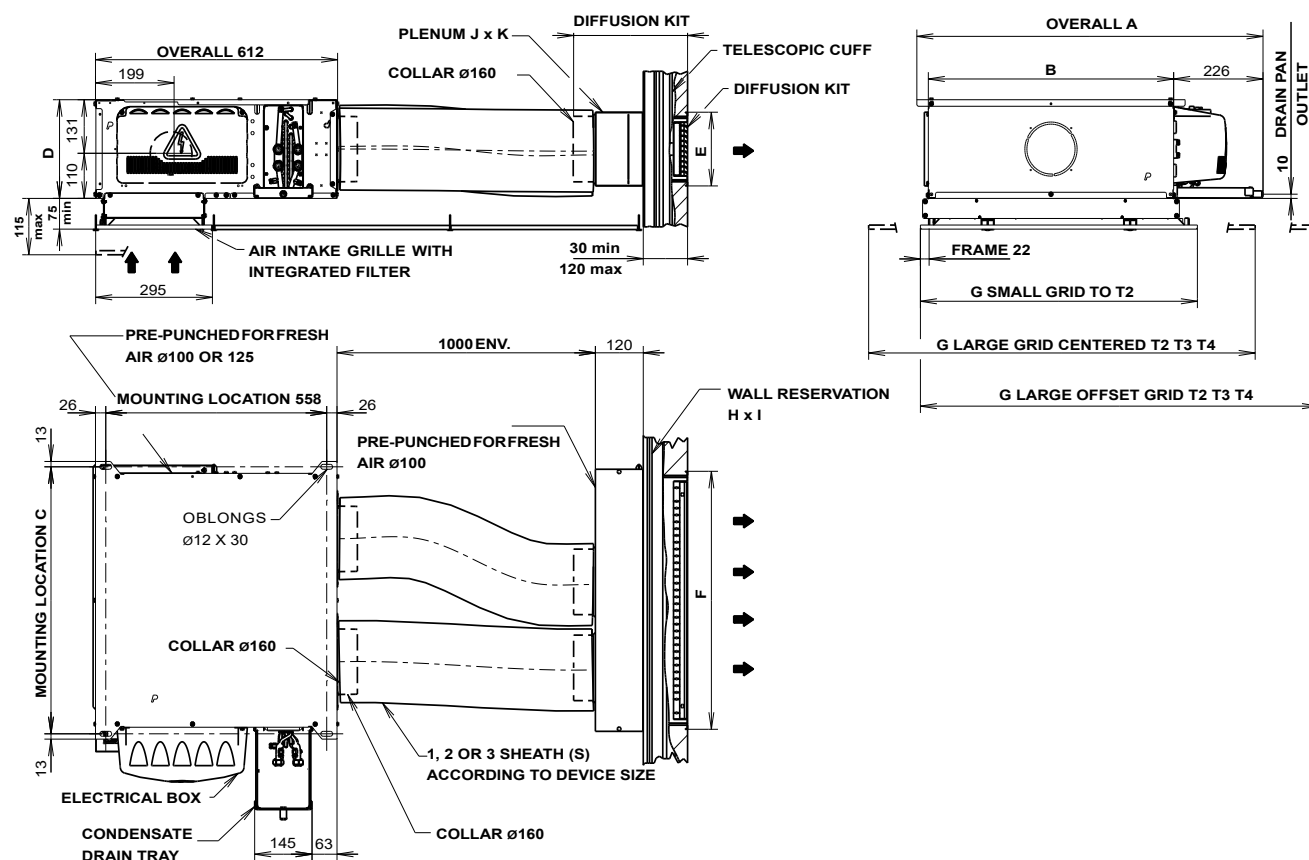
Note: 1200-mm long grille optional for sizes 2. Consult us

| SIZE | A    | A'   | B    | C    | E   | G      |        | H(4T) | K(4T) | I  | J    | L    | M(2T) | N(2T) | ØP  | S   |  |  |  |  |
|------|------|------|------|------|-----|--------|--------|-------|-------|----|------|------|-------|-------|-----|-----|--|--|--|--|
|      |      |      |      |      |     | Coil f | Coil c |       |       |    |      |      |       |       |     |     |  |  |  |  |
| T0   | 803  | 709  | 453  | 485  | 244 | 1/2"   | 1/2"   | 40    | 121   | 50 | 656  | 700  | 121   | 40    | 200 | 251 |  |  |  |  |
| T2   | -    | 875  | 620  | 652  | 300 |        |        |       |       |    | 1151 | 1195 |       |       |     |     |  |  |  |  |
| T3   | 1233 | 1204 | 820  | 852  | 255 |        |        |       |       |    |      |      |       |       |     |     |  |  |  |  |
| T4   | 1333 | 1275 | 1020 | 1052 | 300 |        |        |       |       |    |      |      |       |       |     |     |  |  |  |  |

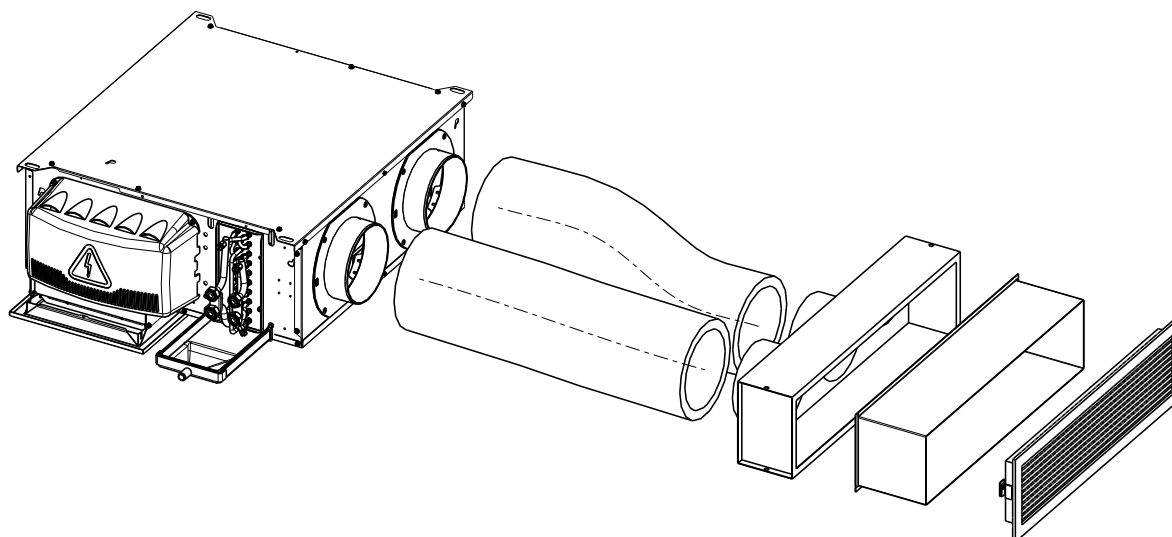
**LY MODEL - ø 160 collar**


Note: 1200-mm long grille optional for sizes 2. Consult us

| SIZE | A    | A'   | B   | C   | E   | G      |        | H(4T) | K(4T) | I  | J    | L    | M(2T) | N(2T) | ØP  | S   |
|------|------|------|-----|-----|-----|--------|--------|-------|-------|----|------|------|-------|-------|-----|-----|
|      |      |      |     |     |     | Coil f | Coil c |       |       |    |      |      |       |       |     |     |
| T0   | 803  | 709  | 453 | 485 | 244 | 1/2"   | 1/2"   | 40    | 121   | 50 | 658  | 700  | 121   | 40    | 160 | 251 |
| T2   | -    | 875  | 620 | 652 | 300 |        |        |       |       |    | 1153 | 1195 |       |       |     |     |
| T3   | 1233 | 1204 | 820 | 852 | 255 |        |        |       |       |    |      |      |       |       |     |     |

**LYK MODEL**


| SIZE   | A    | B   | C   | D   | E   | F   | G        | H   | I   | J   | K   | NBR<br>GAINE |
|--------|------|-----|-----|-----|-----|-----|----------|-----|-----|-----|-----|--------------|
| T0(1V) | 709  | 453 | 485 | 241 | 220 | 423 | 700      | 195 | 398 | 180 | 453 | 1            |
| T0(2V) | 875  | 620 | 652 |     |     | 593 | 700/1195 |     | 568 |     | 620 | 2            |
| T3(3V) | 1204 | 820 | 852 |     |     | 793 | 1195     |     | 768 |     | 820 | 3            |



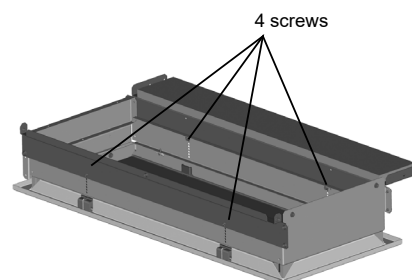
NOTE: For **COMFORT LINE™** LY Ø160, sizes 3 and 4, speed 5 must not be selected (air flow too high for Ø160 collars).

## Return grille adjustment

Sizes 0 and 2 700 grille on 700 frame  
Sizes 3 and 4 grille on 1200 frame

### Vertical adjustment only:

- 1) Open the grille fully using the 2 clips.
- 2) Remove the grille + the filter completely.
- 3) Unscrew the 4 screws (see the view below) then adjust the height with the adjustment holes, then refit the screws.
- 4) Cover over the adjustment holes with aluminium tape.

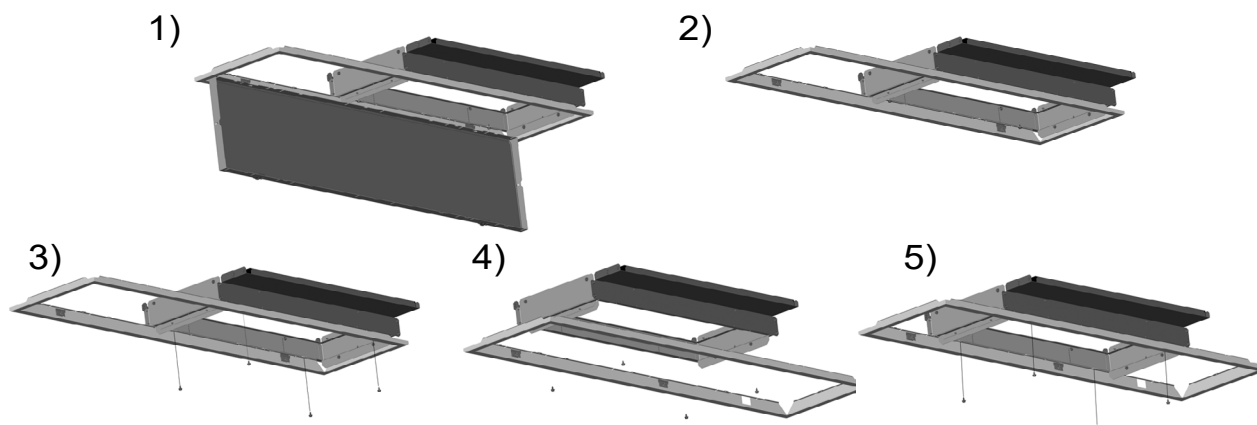


Sizes 0 and 2 700 grille on 1200 frame

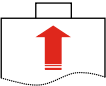
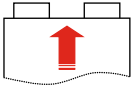
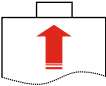
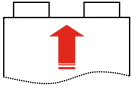
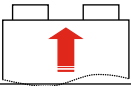
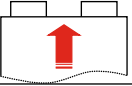
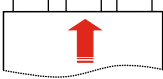
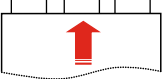
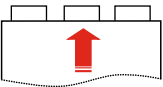
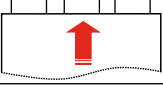
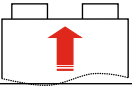
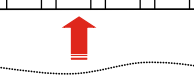
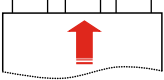
### Vertical adjustment (see above)

### Horizontal adjustment:

- 1) Open the grille using the 2 clips.
- 2) Remove the grille + the filter completely.
- 3) Undo the 4 screws.
- 4) Move the support panel.
- 5) Refit the 4 screws.



## SUMMARY OF COLLAR NUMBERS FOR MODELS Y, H, LY\*

| Size | Collar(s) Ø 160                                                                                                                                                            | Collar(s) Ø 200                                                                                                                                                             | Collar(s) Ø 250                                                                       |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| T0   |  or  |  or  |                                                                                       |
| T2   |                                                                                         |                                                                                          |                                                                                       |
| T3   |                                                                                         |                                                                                          |                                                                                       |
| T4   |                                                                                                                                                                            |                                                                                          |                                                                                       |
| T5   |                                                                                                                                                                            |                                                                                          |  |
| T6   |                                                                                                                                                                            |                                                                                          |  |

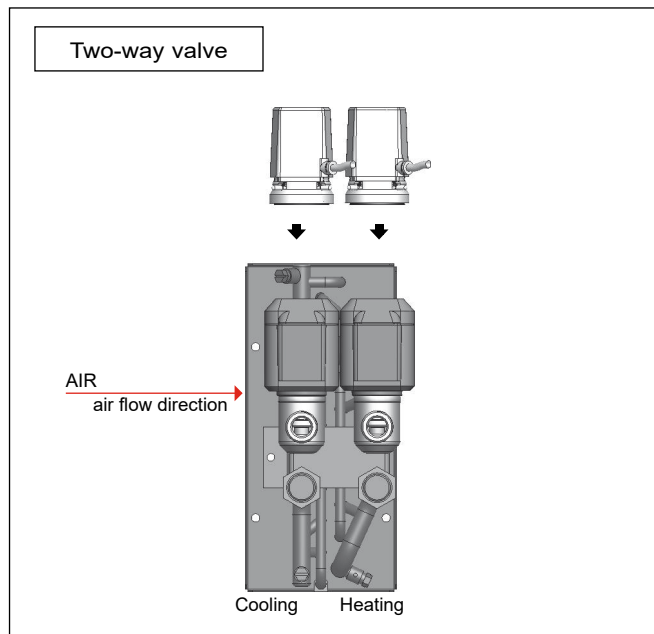
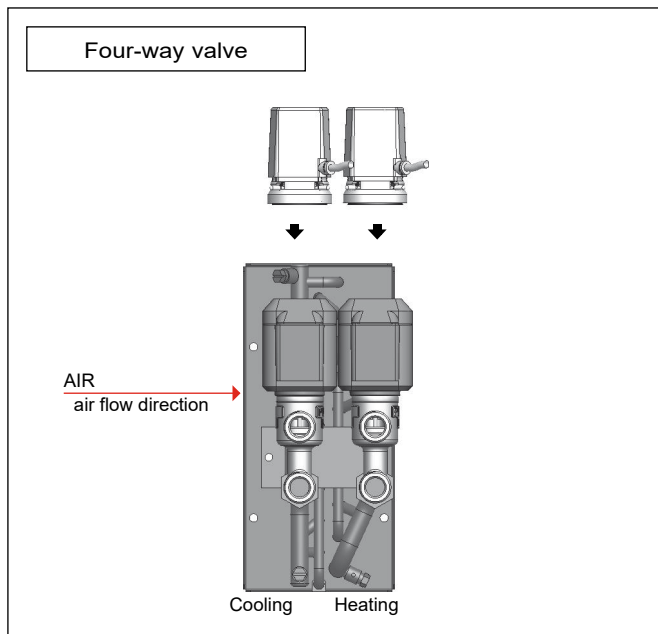
\* Sizes 0 to 4 only.



## HYDRAULIC CONNECTIONS WITH FITTED VALVES

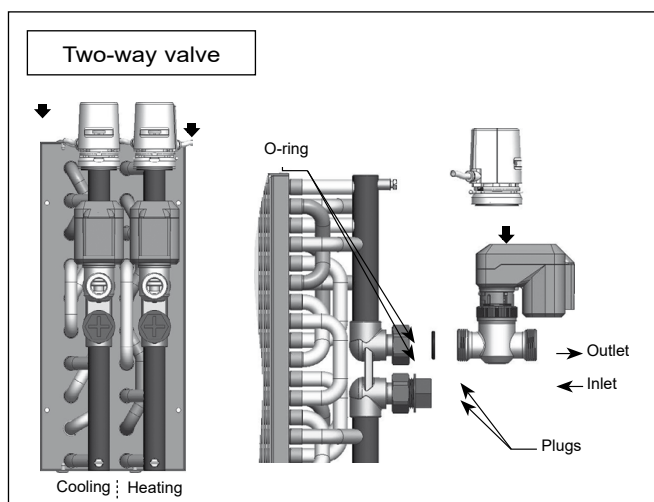
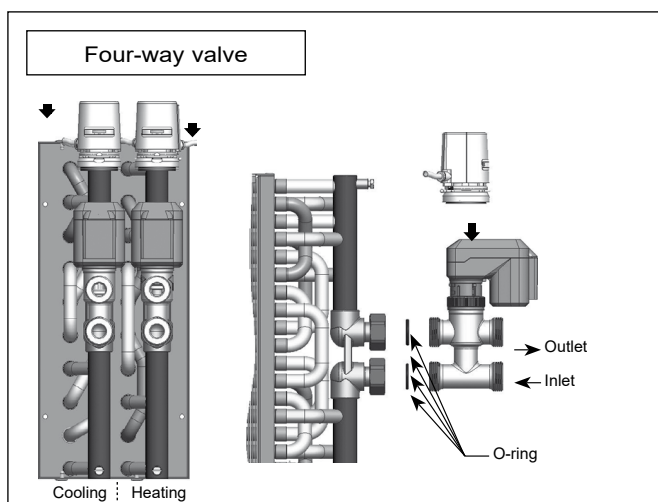
### Heating/cooling assembly for valves with 3-point or thermal actuators

**Sizes : 0 to 4**



Note: view showing left-hand accessories opposite the air supply. For right-hand accessories, heating circuit before cooling circuit.

**Sizes 5 and 6**



Note: view showing left-hand accessories opposite the air supply. For right-hand accessories, heating circuit before cooling circuit.

## Motor electrical data notes

|                        | Motor speed | AC asynchronous motor |      |      |      |      |      |
|------------------------|-------------|-----------------------|------|------|------|------|------|
|                        |             | T0                    | T2   | T3   | T4   | T5   | T6   |
| Max. power input (W)   | V5          | 71                    | 107  | 130  | 150  | 360  | 398  |
|                        | V4          | 48                    | 87   | 123  | 134  | 330  | 373  |
|                        | V3          | 34                    | 70   | 116  | 118  | 292  | 320  |
|                        | V2          | 21                    | 41   | 105  | 109  | 245  | 249  |
|                        | V1          | 14                    | 18   | 97   | 98   | 203  | 198  |
| Max. input current (A) | V5          | 0,31                  | 0,45 | 0,51 | 0,62 | 1,47 | 1,77 |
|                        | V4          | 0,2                   | 0,37 | 0,48 | 0,56 | 1,33 | 1,66 |
|                        | V3          | 0,15                  | 0,30 | 0,46 | 0,51 | 1,21 | 1,37 |
|                        | V2          | 0,09                  | 0,18 | 0,43 | 0,46 | 1,06 | 1,07 |
|                        | V1          | 0,07                  | 0,08 | 0,41 | 0,42 | 0,91 | 0,87 |

|                        | Motor voltage | HEE brushless motor |      |      |      |      |      |
|------------------------|---------------|---------------------|------|------|------|------|------|
|                        |               | T0                  | T2   | T3   | T4   | T5   | T6   |
| Max. power input (W)   | 10V           | 66                  | 143  | 166  | 165  | 152  | 246  |
|                        | 9V            | 60                  | 109  | 127  | 141  | 147  | 246  |
|                        | 8V            | 42                  | 75   | 89   | 117  | 143  | 245  |
|                        | 7V            | 29                  | 54   | 62   | 83   | 101  | 192  |
|                        | 6V            | 19                  | 33   | 36   | 48   | 59   | 138  |
|                        | 5V            | 14                  | 23   | 25   | 33   | 40   | 98   |
|                        | 4V            | 9                   | 12   | 14   | 18   | 21   | 58   |
|                        | 3V            | 6                   | 8    | 10   | 12   | 13   | 36   |
| Max. input current (A) | 2V            | 4                   | 4    | 6    | 5    | 6    | 15   |
|                        | 10V           | 0,49                | 0,87 | 1,00 | 1,00 | 0,89 | 1,50 |
|                        | 9V            | 0,45                | 0,67 | 0,77 | 0,86 | 0,87 | 1,50 |
|                        | 8V            | 0,32                | 0,47 | 0,54 | 0,72 | 0,84 | 1,50 |
|                        | 7V            | 0,23                | 0,34 | 0,39 | 0,51 | 0,60 | 1,17 |
|                        | 6V            | 0,15                | 0,22 | 0,23 | 0,31 | 0,37 | 0,85 |
|                        | 5V            | 0,11                | 0,16 | 0,17 | 0,22 | 0,26 | 0,61 |
|                        | 4V            | 0,08                | 0,09 | 0,10 | 0,13 | 0,15 | 0,37 |
|                        | 3V            | 0,06                | 0,07 | 0,08 | 0,09 | 0,10 | 0,24 |
|                        | 2V            | 0,04                | 0,05 | 0,05 | 0,05 | 0,06 | 0,11 |

**NB:** Specifications given for a 230V +/-10% - 50 Hz power supply. Values with outlet open

For operation at 60 Hz, the power input and rotation speed values are generally higher.

Motor operating range: min. return T°C: 0°C, max. return T°C: 40°C.

## Coil contents

|     | Cooling coil | Heating coil |      |
|-----|--------------|--------------|------|
|     |              | 2T           | 4T   |
| 02J | 0,31         | 0,31         |      |
| 04P | 0,34         |              | 0,12 |
| 22J | 0,43         | 0,43         |      |
| 22M | 0,65         | 0,65         |      |
| 24P | 0,47         |              | 0,17 |
| 32J | 0,58         | 0,58         |      |
| 32M | 0,87         | 0,87         |      |
| 34P | 0,63         |              | 0,23 |
| 42J | 0,72         | 0,72         |      |
| 42M | 1,08         | 1,08         |      |
| 44P | 0,80         |              | 0,29 |
| 52J | 0,87         | 0,87         |      |
| 52M | 1,30         | 1,30         |      |
| 54R | 1,30         |              | 0,43 |
| 62J | 1,13         | 1,13         |      |
| 62M | 1,70         | 1,70         |      |
| 64P | 1,22         |              | 0,47 |
| 64R | 1,70         |              | 0,57 |

### Coil coupling diameters

|               |                        | T0     | T2     | T3     | T4     | T5     | T6     |
|---------------|------------------------|--------|--------|--------|--------|--------|--------|
| 2-tube system | Hot or cold water coil | G 1/2" | G 1/2" | G 1/2" | G 1/2" | G 3/4" | G 3/4" |
| 4-tube system | Cold water coil        | G 1/2" | G 1/2" | G 1/2" | G 1/2" | G 3/4" | G 3/4" |
|               | Hot water coil         | G 1/2" | G 1/2" | G 1/2" | G 1/2" | G 3/4" | G 3/4" |

### Diameters and Kvs for standard 2-way or 3-way valves with bypass with 230 V thermal actuator

|               |                        | T0                  | T2                  | T3                  | T4                  | T5                  | T6                  |
|---------------|------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| 2-tube system | Hot or cold water coil | G 1/2"<br>Kvs = 1,6 | G 1/2"<br>Kvs = 1,6 | G 1/2"<br>Kvs = 1,6 | G 1/2"<br>Kvs = 1,6 | G 3/4"<br>Kvs = 2,5 | G 3/4"<br>Kvs = 4,0 |
| 4-tube system | Cold water coil        | G 1/2"<br>Kvs = 1,6 | G 1/2"<br>Kvs = 1,6 | G 1/2"<br>Kvs = 1,6 | G 1/2"<br>Kvs = 1,6 | G 3/4"<br>Kvs = 2,5 | G 3/4"<br>Kvs = 4,0 |
|               | Hot water coil         | G 1/2"<br>Kvs = 1,6 | G 1/2"<br>Kvs = 1,6 | G 1/2"<br>Kvs = 1,6 | G 1/2"<br>Kvs = 1,6 | G 3/4"<br>Kvs = 2,5 | G 1/2"<br>Kvs = 2,5 |

### Diameters and Kvs for standard 2-way or 3-way valves with bypass with 24 V 3-point actuator

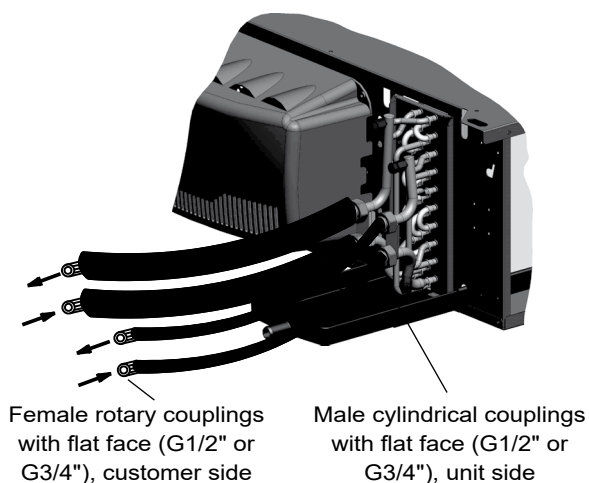
|               |                        | T0                   | T2                   | T3                   | T4                  | T5                  | T6                  |
|---------------|------------------------|----------------------|----------------------|----------------------|---------------------|---------------------|---------------------|
| 2-tube system | Hot or cold water coil | G 1/2"<br>Kvs = 0,63 | G 1/2"<br>Kvs = 1,0  | G 1/2"<br>Kvs = 1,0  | G 1/2"<br>Kvs = 1,6 | G 3/4"<br>Kvs = 2,5 | G 3/4"<br>Kvs = 4,0 |
| 4-tube system | Cold water coil        | G 1/2"<br>Kvs = 0,63 | G 1/2"<br>Kvs = 1,0  | G 1/2"<br>Kvs = 1,0  | G 1/2"<br>Kvs = 1,6 | G 3/4"<br>Kvs = 2,5 | G 3/4"<br>Kvs = 4,0 |
|               | Hot water coil         | G 1/2"<br>Kvs = 0,63 | G 1/2"<br>Kvs = 0,63 | G 1/2"<br>Kvs = 0,63 | G 1/2"<br>Kvs = 1,0 | G 3/4"<br>Kvs = 2,5 | G 1/2"<br>Kvs = 2,5 |

### Diameters and flow rate range for automatic balancing two-way valves

|               |                        | T0                     | T2                       | T3                       | T4                       | T5                       | T6                       |
|---------------|------------------------|------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| 2-tube system | Hot or cold water coil | G 1/2"<br>90 - 450 l/h | G 3/4"<br>150 - 1050 l/h | G 3/4"<br>150 - 1050 l/h | G 3/4"<br>150 - 1050 l/h | G 1"<br>250-1800 l/h     | G 1"<br>250-1800 l/h     |
| 4-tube system | Cold water coil        | G 1/2"<br>90 - 450 l/h | G 3/4"<br>150 - 1050 l/h | G 3/4"<br>150 - 1050 l/h | G 3/4"<br>150 - 1050 l/h | G 1"<br>250-1800 l/h     | G 1"<br>250-1800 l/h     |
|               | Hot water coil         | G 1/2"<br>30 - 210 l/h | G 1/2"<br>90 - 450 l/h   | G 1/2"<br>90 - 450 l/h   | G 3/4"<br>150 - 1050 l/h | G 3/4"<br>150 - 1050 l/h | G 3/4"<br>150 - 1050 l/h |

## ASSEMBLY OF FLEXIBLE HOSES (ACCESSORIES SUPPLIED IN KIT) WITH OR WITHOUT VALVES

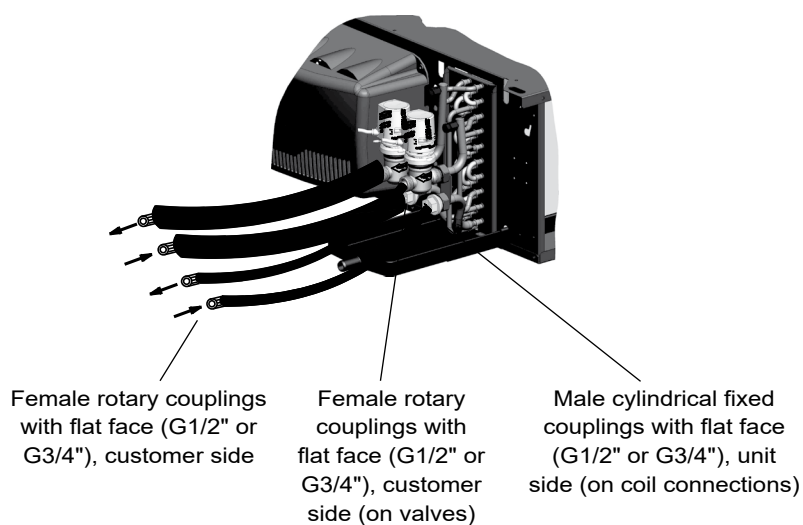
### Assembly without valves



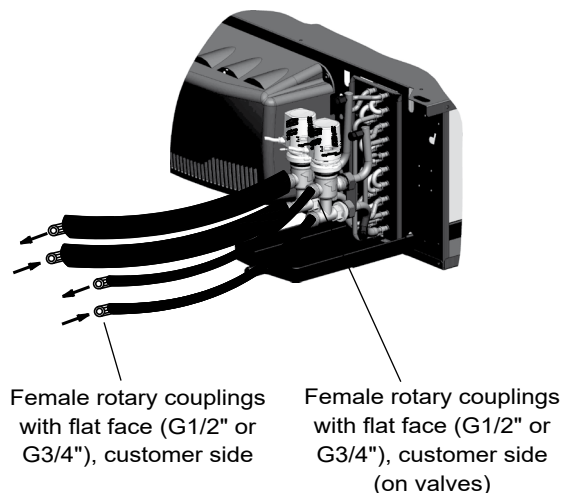
#### TECHNICAL DESCRIPTION OF FLEXIBLE HOSES

- Machined brass coupling unless otherwise specified
- Thread and internal thread in line with standards NFE 03-004 and NFE 03-005.
- Pipe in EPDM elastomer in line with EN 684-1 and AISI 304 stainless steel sheath.
- Stainless steel crimped bush between coupling and tube + duct.
  - Only on insulated cooling hoses
    - Heat insulating sheath in M1 cellular foam (9 mm thick) glued at each end to the crimping bush.
    - Protective end-piece glued at each end to the heat insulating sheath.
- DN corresponds to the pipe's internal diameter.
- Min./max. operating temperature = 6°C to 110°C.
- Max. operating pressure at 110°C: 10 bar

### Assembly with 2-way valves standard



### Assembly with 3-way valves + by-pass



| No | Type of flexible connection                 | Circuit | G1/2" connection | G3/4" connection |
|----|---------------------------------------------|---------|------------------|------------------|
| 1  | Rotary female/Fixed male                    | Heating | 7247868          | 7401828          |
| 2  | Rotary female/Fixed male, heat insulated    | Cooling | 5202288          | 7247867          |
| 3  | Rotary female/Rotary female                 | Heating | 7247837          | 7387851          |
| 4  | Rotary female/Rotary female, heat insulated | Cooling | 5202289          | 5202298          |

NB: flexible connection length = 300 mm.

For automatic balancing valves, please consult us.

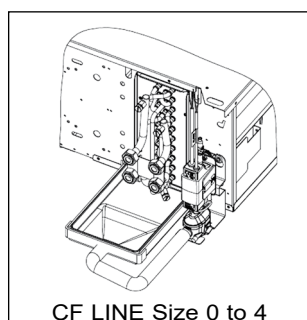
## TECHNICAL CHARACTERISTICS

### Condensate drain pump

|                                                                                                                     | Sizes 0 to 4                                                          | Sizes 5 & 6                                                           |
|---------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|-----------------------------------------------------------------------|
| Maximum flow rate                                                                                                   | 10,4 l/h                                                              | 17 l/h                                                                |
| Max. discharge height                                                                                               | 7 m (flow rate = 4 l/h)                                               | > 8 m (flow rate = 4 l/h)                                             |
| Maximum pressure                                                                                                    | 10 m (flow rate = 0 l/h)                                              | 14 m (flow rate = 0 l/h)                                              |
| Sound level at 1 m as per EN ISO 3744 and 4871<br>(Measurement taken at LNE, pump in water, outside of application) | 20,2 dBA                                                              | <28 dBA                                                               |
| Power supply                                                                                                        | 230 V +10%/-15% - 50/60 Hz – 19 W                                     | 230 V +10%/-15% - 50/60 Hz – 19 W                                     |
| Electrical insulation class                                                                                         | Class 1                                                               | Class 1                                                               |
| Detection levels                                                                                                    | ON: 14,7 mm, OFF: 10,7 mm,<br>AL: 17 mm                               | ON: 14,7 mm, OFF: 10,7 mm,<br>AL: 17 mm                               |
| Safety switch                                                                                                       | BS: 5A resistive – 250V<br>Contacts made from AgNI 90/10, gold-plated | BS: 5A resistive – 250V<br>Contacts made from AgNI 90/10, gold-plated |
| Heat protection (overheating)                                                                                       | 70°C (automatic restart)                                              | 70°C (automatic restart)                                              |
| Operating cycle (duty factor)                                                                                       | 100%                                                                  | 100%                                                                  |
| Protection (as per BS EN 60529)                                                                                     | IP64                                                                  | IP64                                                                  |
| Safety standard                                                                                                     | CE                                                                    | CE                                                                    |
| RoHS directive                                                                                                      | Compliant                                                             | Compliant                                                             |
| WEEE directive                                                                                                      | Compliant                                                             | Compliant                                                             |

Table of actual pump flow rates with Ø 6 mm PVC tube:

- **COMFORT LINE™** sizes 0 to 4: Maximum flow rate of 10.4 l/h for a pumping height of 1 metres and a horizontal pipe length of 5 metres.



| Sizes 0 to 4 : Water flow rate in litres per hour (-15% / +20%) |                                         |           |           |           |
|-----------------------------------------------------------------|-----------------------------------------|-----------|-----------|-----------|
| Discharge height                                                | Horizontal length of the discharge pipe |           |           |           |
|                                                                 | 5 metres                                | 10 metres | 20 metres | 30 metres |
| 1 metre                                                         | 10,4                                    | 9,1       | 8,3       | 7,3       |
| 2 metres                                                        | 8,5                                     | 7,8       | 7         | 6,4       |
| 3 metres                                                        | 7,9                                     | 7,1       | 6,3       | 5,8       |
| 4 metres                                                        | 7                                       | 6         | 5,3       | 4,9       |

- **COMFORT LINE™** sizes 5 & 6: Maximum flow rate of 17 l/h for a pumping height of 1 metres and a maximum pipe length of 5 metres.



| Size 5 & 6 : Water flow rate in litres per hour (-15% / +20%) |                                         |           |           |           |
|---------------------------------------------------------------|-----------------------------------------|-----------|-----------|-----------|
| Discharge height                                              | Horizontal length of the discharge pipe |           |           |           |
|                                                               | 5 metres                                | 10 metres | 20 metres | 30 metres |
| 1 metre                                                       | 17                                      | 17        | 16        | 14        |
| 2 metres                                                      | 14                                      | 14        | 13,5      | 11,2      |
| 3 metres                                                      | 13                                      | 13        | 12        | 9,5       |
| 4 metres                                                      | 11,5                                    | 10,5      | 10        | 8,3       |

Operating limit:

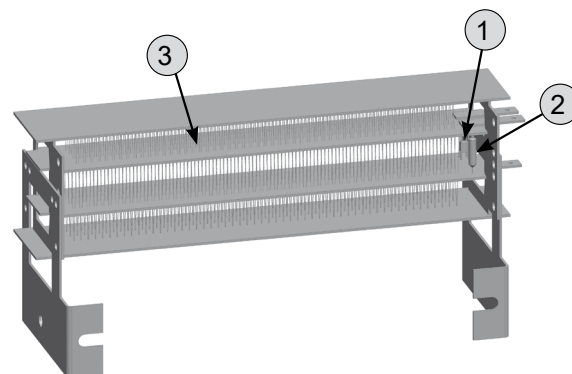
Drainage: ➔ 6 mm int. flexible pipe, ➔ 8.8 mm end piece. This accessory must be paired with a valve control to allow the upper safety limit to control the valve's closure (stop condensate).

Condensate flow rate (l/h) =  $\frac{P_{\text{total}} - P_{\text{sensible}} (W)}{680}$

## TECHNICAL CHARACTERISTICS

### Electrical heater

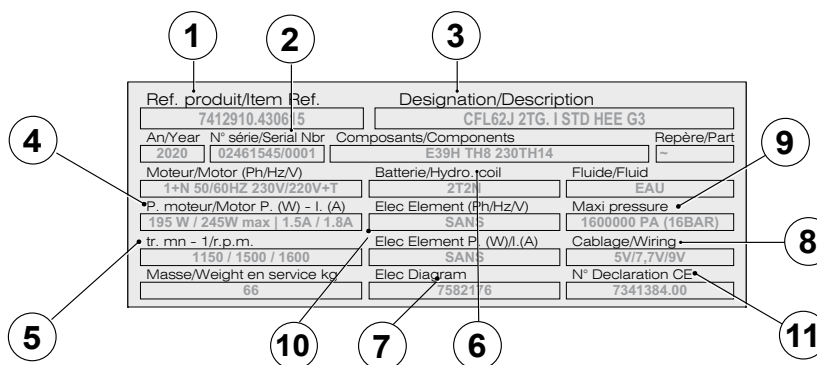
- ① Self-holding automatically reset integrated safety thermostat.
- ② A thermal fuse.
- ③ Resistive wire heater unit



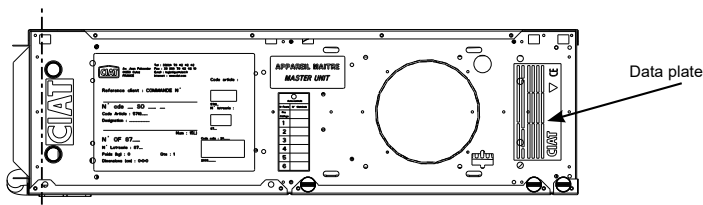
|                   | T0       | T2       | T3        | T4        | T5        | T6_EC      | T6_AC      |
|-------------------|----------|----------|-----------|-----------|-----------|------------|------------|
| Electrical power  | 500/1000 | 500/1000 | 1000/1600 | 1000/1600 | 1000/2000 | 1500/3000  | 1600/3200  |
| Rated current (A) | 2,2/4,35 | 2,2/4,35 | 4,35/6,96 | 4,35/6,96 | 4,35/8,70 | 6,52/13,04 | 6,96/13,91 |

### Unit information plate

- ① Code,
- ② Serial number,
- ③ Device name,
- ④ Motor nominal capacity,
- ⑤ Motor rotation speed,
- ⑥ Coil type,
- ⑦ Wiring diagram reference,
- ⑧ Motor speed wiring,
- ⑨ Maximum operating pressure,
- ⑩ Electric heater specifications (if fitted),
- ⑪ EC declaration no.



The name plate contains all the information required to identify the unit and its configuration. This plate is always mounted on the face opposite the electric box.



## PERFORMANCE

### I MODEL

**Cooling temperature:** water temperature: 7/12°C, air intake temperature: 27°C - 19°C (WB).

**Heating temperature (2T):** water temperature: 45/40°C, air intake temperature: 20°C.

**Heating temperature (4T):** water temperature: 65/55°C, air intake temperature: 20°C.

| COMFORT<br>LINE™<br>Model I | AC motor<br>speeds | HEE<br>motor<br>voltage<br>(V) | Air flow<br>in m³/h | Available<br>static<br>pressure <sup>(1)</sup> | Cooling cap. W |          | Heating<br>capacity<br>W | Power input   |                | Overall<br>sound<br>power LW<br>dB(A) | Comfort<br>level ISO<br>or NR | Average air temperature<br>rise in K <sup>(2)</sup> Auxiliary<br>electric heater 230/1/50 |       |
|-----------------------------|--------------------|--------------------------------|---------------------|------------------------------------------------|----------------|----------|--------------------------|---------------|----------------|---------------------------------------|-------------------------------|-------------------------------------------------------------------------------------------|-------|
|                             |                    |                                |                     |                                                | Total          | Sensible |                          | AC Motor<br>W | HEE motor<br>W |                                       |                               | 500W                                                                                      | 1000W |
| 02J_AC                      | V5                 |                                | 505                 |                                                | 2 480          | 2 110    | 2 980                    | 68            |                | 60                                    | 37                            | 2,9                                                                                       | 5,8   |
|                             | V4                 |                                | 400                 |                                                | 2 110          | 1 760    | 2 500                    | 46            |                | 54                                    | 31                            | 3,7                                                                                       | 7,4   |
|                             | V3                 |                                | 310                 | 10                                             | 1 770          | 1 440    | 2 060                    | 33            |                | 48                                    | 25                            | 4,7                                                                                       | 9,5   |
|                             | V2                 |                                | 220                 |                                                | 1 330          | 1 060    | 1 520                    | 20            |                | 40                                    | 17                            | 6,7                                                                                       | 13,4  |
|                             | V1                 |                                | 145                 |                                                | 1 140          | 813      | 1 140                    | 14            |                | 32                                    | <15                           | 10,1                                                                                      | 20,3  |
| 02J_HEE                     |                    | 10,0                           | 665                 |                                                | 2 840          | 2 550    | 3 900                    |               | 84             | 64                                    | 42                            | 2,2                                                                                       | 4,4   |
|                             |                    | 9,0                            | 595                 |                                                | 2 650          | 2 350    | 3 580                    |               | 64             | 62                                    | 39                            | 2,5                                                                                       | 4,9   |
|                             |                    | 8,0                            | 525                 |                                                | 2 450          | 2 140    | 3 250                    |               | 44             | 59                                    | 36                            | 2,8                                                                                       | 5,6   |
|                             |                    | 6,6                            | 430                 | 10                                             | 2 170          | 1 840    | 2 780                    |               | 28             | 54                                    | 31                            | 3,4                                                                                       | 6,8   |
|                             |                    | 5,0                            | 320                 |                                                | 1 770          | 1 450    | 2 160                    |               | 15             | 47                                    | 24                            | 4,6                                                                                       | 9,2   |
|                             |                    | 4,0                            | 250                 |                                                | 1 490          | 1 180    | 1 760                    |               | 8              | 41                                    | 19                            | 5,9                                                                                       | 11,8  |
|                             |                    | 2,0                            | 125                 |                                                | 831            | 628      | 918                      |               | 3              | 27                                    | <15                           | 11,8                                                                                      | 23,5  |
| 04P_AC                      | V5                 |                                | 505                 |                                                | 2 430          | 2 130    | 2 960                    | 68            |                | 60                                    | 37                            |                                                                                           |       |
|                             | V4                 |                                | 400                 |                                                | 2 030          | 1 750    | 2 560                    | 46            |                | 54                                    | 31                            |                                                                                           |       |
|                             | V3                 |                                | 310                 | 10                                             | 1 610          | 1 380    | 2 190                    | 33            |                | 48                                    | 25                            |                                                                                           |       |
|                             | V2                 |                                | 220                 |                                                | 1 160          | 985      | 1 690                    | 20            |                | 40                                    | 17                            |                                                                                           |       |
|                             | V1                 |                                | 145                 |                                                | 1 020          | 762      | 1 560                    | 14            |                | 32                                    | <15                           |                                                                                           |       |
| 04P_HEE                     |                    | 10,0                           | 665                 |                                                | 2 960          | 2 520    | 4 140                    |               | 84             | 64                                    | 42                            |                                                                                           |       |
|                             |                    | 9,0                            | 595                 |                                                | 2 710          | 2 310    | 3 840                    |               | 64             | 62                                    | 39                            |                                                                                           |       |
|                             |                    | 8,0                            | 525                 |                                                | 2 450          | 2 080    | 3 510                    |               | 44             | 59                                    | 36                            |                                                                                           |       |
|                             |                    | 6,6                            | 430                 | 10                                             | 2 100          | 1 770    | 3 040                    |               | 28             | 54                                    | 31                            |                                                                                           |       |
|                             |                    | 5,0                            | 320                 |                                                | 1 630          | 1 380    | 2 420                    |               | 15             | 47                                    | 24                            |                                                                                           |       |
|                             |                    | 4,0                            | 250                 |                                                | 1 310          | 1 110    | 2 000                    |               | 8              | 41                                    | 19                            |                                                                                           |       |
|                             |                    | 2,0                            | 125                 |                                                | 721            | 584      | 1 080                    |               | 3              | 27                                    | <15                           |                                                                                           |       |
| 22CJ_AC                     | V5                 |                                | 780                 |                                                | 3 580          | 2 680    | 4 160                    | 104           |                | 61                                    | 38                            | 1,9                                                                                       | 3,8   |
|                             | V4                 |                                | 720                 |                                                | 3 320          | 2 480    | 3 920                    | 85            |                | 59                                    | 36                            | 2,0                                                                                       | 4,1   |
|                             | V3                 |                                | 620                 | 10                                             | 2 900          | 2 160    | 3 500                    | 69            |                | 55                                    | 33                            | 2,4                                                                                       | 4,7   |
|                             | V2                 |                                | 420                 |                                                | 1 990          | 1 495    | 2 550                    | 40            |                | 47                                    | 24                            | 3,5                                                                                       | 7,0   |
|                             | V1                 |                                | 230                 |                                                | 1 020          | 769      | 1 530                    | 18            |                | 35                                    | <15                           | 6,4                                                                                       | 12,8  |
| 22M_AC                      | V5                 |                                | 735                 |                                                | 3 690          | 2 940    | 4 880                    | 102           |                | 62                                    | 44                            | 2,0                                                                                       | 4,0   |
|                             | V4                 |                                | 680                 |                                                | 3 440          | 2 740    | 4 580                    | 83            |                | 60                                    | 43                            | 2,2                                                                                       | 4,3   |
|                             | V3                 |                                | 590                 | 10                                             | 3 050          | 2 420    | 4 080                    | 69            |                | 57                                    | 40                            | 2,5                                                                                       | 5,0   |
|                             | V2                 |                                | 405                 |                                                | 2 160          | 1 710    | 1 940                    | 40            |                | 48                                    | 32                            | 3,6                                                                                       | 7,3   |
|                             | V1                 |                                | 220                 |                                                | 1 160          | 944      | 1 690                    | 18            |                | 36                                    | 20                            | 6,7                                                                                       | 13,4  |
| 22J_HEE                     |                    | 10,0                           | 995                 |                                                | 4 710          | 3 650    | 4 940                    |               | 137            | 66                                    | 48                            | 1,5                                                                                       | 3,0   |
|                             |                    | 8,0                            | 800                 |                                                | 3 830          | 2 920    | 4 270                    |               | 70             | 60                                    | 43                            | 1,8                                                                                       | 3,7   |
|                             |                    | 7,3                            | 730                 | 10                                             | 3 510          | 2 680    | 4 020                    |               | 56             | 58                                    | 41                            | 2,0                                                                                       | 4,0   |
|                             |                    | 6,0                            | 585                 |                                                | 2 820          | 2 130    | 3 420                    |               | 31             | 53                                    | 36                            | 2,5                                                                                       | 5,0   |
|                             |                    | 4,0                            | 380                 |                                                | 1 790          | 1 360    | 2 450                    |               | 11             | 45                                    | 27                            | 3,9                                                                                       | 7,7   |
|                             |                    | 3,0                            | 290                 |                                                | 1 320          | 1 020    | 1 960                    |               | 7              | 37                                    | 20                            | 5,1                                                                                       | 10,1  |
|                             |                    | 2,0                            | 185                 |                                                | 782            | 623      | 1 300                    |               | 4              | 29                                    | <15                           | 7,9                                                                                       | 15,9  |
| 22M_HEE                     |                    | 10,0                           | 860                 |                                                | 4 130          | 3 330    | 5 730                    |               | 126            | 66                                    | 49                            | 1,7                                                                                       | 3,4   |
|                             |                    | 7,8                            | 650                 | 10                                             | 3 260          | 2 590    | 4 520                    |               | 58             | 60                                    | 43                            | 2,3                                                                                       | 4,5   |
|                             |                    | 7,0                            | 575                 |                                                | 2 940          | 2 320    | 4 070                    |               | 44             | 57                                    | 40                            | 2,6                                                                                       | 5,1   |
|                             |                    | 6,0                            | 485                 |                                                | 2 530          | 1 980    | 3 490                    |               | 25             | 53                                    | 37                            | 3,0                                                                                       | 6,1   |
|                             |                    | 4,0                            | 300                 |                                                | 1 610          | 1 260    | 2 230                    |               | 9              | 44                                    | 27                            | 4,9                                                                                       | 9,8   |
|                             |                    | 3,0                            | 230                 |                                                | 1 230          | 984      | 1 760                    |               | 7              | 37                                    | 21                            | 6,4                                                                                       | 12,8  |
|                             |                    | 2,0                            | 170                 |                                                | 970            | 751      | 1 290                    |               | 4              | 29                                    | <15                           | 8,7                                                                                       | 17,3  |
| 24P_AC                      | V5                 |                                | 735                 |                                                | 3 530          | 2 990    | 4 670                    | 102           |                | 62                                    | 44                            |                                                                                           |       |
|                             | V4                 |                                | 680                 |                                                | 3 280          | 2 760    | 4 490                    | 83            |                | 60                                    | 43                            |                                                                                           |       |
|                             | V3                 |                                | 590                 | 10                                             | 2 890          | 2 410    | 4 160                    | 69            |                | 57                                    | 40                            |                                                                                           |       |
|                             | V2                 |                                | 405                 |                                                | 2 040          | 1 650    | 3 320                    | 40            |                | 48                                    | 32                            |                                                                                           |       |
|                             | V1                 |                                | 220                 |                                                | 1 090          | 868      | 2 150                    | 18            |                | 36                                    | 20                            |                                                                                           |       |
| 24P_HEE                     |                    | 10,0                           | 865                 |                                                | 3 850          | 3 380    | 5 300                    |               | 127            | 67                                    | 49                            |                                                                                           |       |
|                             |                    | 8,2                            | 690                 | 10                                             | 3 160          | 2 720    | 4 680                    |               | 68             | 61                                    | 44                            |                                                                                           |       |
|                             |                    | 7,0                            | 580                 |                                                | 2 720          | 2 300    | 4 220                    |               | 44             | 57                                    | 41                            |                                                                                           |       |
|                             |                    | 6,0                            | 485                 |                                                | 2 330          | 1 940    | 3 790                    |               | 26             | 53                                    | 37                            |                                                                                           |       |
|                             |                    | 4,0                            | 300                 |                                                | 1 480          | 1 200    | 2 710                    |               | 9              | 44                                    | 28                            |                                                                                           |       |
|                             |                    | 3,0                            | 25                  |                                                | 1 150          | 927      | 2 240                    |               | 7              | 38                                    | 21                            |                                                                                           |       |
|                             |                    | 2,0                            | 170                 |                                                | 832            | 665      | 1 720                    |               | 4              | 29                                    | <15                           |                                                                                           |       |

(1) Static pressures given for information purposes. For higher available static pressures, consult our sales office.

(2) Warning: the air supply temperature must not exceed 65°C (CIAT recommendation).

#### I model sound level:

Values given as a guideline for devices with non-ducted return and with ducted discharge, and for room and installation attenuation of 12 dB (sizes 0 to 3), 14 dB (sizes 4 & 5) and 16 dB (size 6).

**I MODEL (continued)**

| COMFORT LINE™<br>Model I | AC motor speeds | HEE motor voltage (V) | Air flow in m³/h | Available static pressure <sup>(1)</sup> | Cooling cap. W |          | Heating capacity W | Power input |             | Overall sound power LW dB(A) | Comfort level ISO or NR | Average air temperature rise in K <sup>(2)</sup> Auxiliary electric heater 230/1/50 |       |
|--------------------------|-----------------|-----------------------|------------------|------------------------------------------|----------------|----------|--------------------|-------------|-------------|------------------------------|-------------------------|-------------------------------------------------------------------------------------|-------|
|                          |                 |                       |                  |                                          | Total          | Sensible |                    | AC Motor W  | HEE motor W |                              |                         | 700W                                                                                | 1400W |
| 32J_AC                   | V5              |                       | 1 095            |                                          | 4 740          | 4 390    | 5 950              | 123         |             | 61                           | 44                      | 1,9                                                                                 | 3,8   |
|                          | V4              |                       | 875              |                                          | 3 890          | 3 490    | 5 140              | 116         |             | 56                           | 39                      | 2,4                                                                                 | 4,7   |
|                          | V3              |                       | 720              | 10                                       | 3 270          | 2 830    | 4 490              | 111         |             | 52                           | 35                      | 2,9                                                                                 | 5,7   |
|                          | V2              |                       | 570              |                                          | 2 660          | 2 200    | 3 770              | 103         |             | 47                           | 31                      | 3,6                                                                                 | 7,2   |
|                          | V1              |                       | 450              |                                          | 2 100          | 1 670    | 3 100              | 95          |             | 43                           | 26                      | 4,6                                                                                 | 9,2   |
| 32M_AC                   | V5              |                       | 1 040            |                                          | 5 330          | 4 010    | 6 490              | 116         |             | 63                           | 46                      | 2,0                                                                                 | 4,0   |
|                          | V4              |                       | 870              | 10                                       | 4 550          | 3 360    | 5 740              | 112         |             | 59                           | 42                      | 2,4                                                                                 | 4,7   |
|                          | V3              |                       | 725              |                                          | 3 840          | 2 770    | 5 000              | 106         |             | 55                           | 38                      | 2,8                                                                                 | 5,7   |
|                          | V2              |                       | 590              |                                          | 3 180          | 2 270    | 4 260              | 100         |             | 51                           | 35                      | 3,5                                                                                 | 7,0   |
|                          | V1              |                       | 475              |                                          | 2 560          | 1 830    | 3 530              | 94          |             | 47                           | 30                      | 4,3                                                                                 | 8,7   |
| 32J_HEE                  |                 | 10,0                  | 1 335            |                                          | 5 440          | 5 110    | 6 710              |             | 159         | 67                           | 51                      | 1,5                                                                                 | 3,1   |
|                          |                 | 9,0                   | 1 190            |                                          | 4 990          | 4 610    | 6 290              |             | 121         | 64                           | 47                      | 1,7                                                                                 | 3,5   |
|                          |                 | 7,4                   | 945              | 10                                       | 4 180          | 3 730    | 5 500              |             | 68          | 59                           | 42                      | 2,2                                                                                 | 4,4   |
|                          |                 | 6,0                   | 715              |                                          | 3 350          | 2 860    | 4 570              |             | 34          | 55                           | 38                      | 2,9                                                                                 | 5,8   |
|                          |                 | 5,0                   | 595              |                                          | 2 880          | 2 390    | 3 990              |             | 24          | 51                           | 34                      | 3,5                                                                                 | 6,9   |
|                          |                 | 4,0                   | 475              |                                          | 2 370          | 1 920    | 3 350              |             | 13          | 46                           | 30                      | 4,3                                                                                 | 8,7   |
|                          |                 | 2,0                   | 270              |                                          | 1 340          | 1 060    | 2 030              |             | 5           | 32                           | 15                      | 7,6                                                                                 | 15,3  |
| 32M_HEE                  |                 | 10,0                  | 1 250            |                                          | 5 970          | 4 790    | 7 470              |             | 153         | 67                           | 52                      | 1,6                                                                                 | 3,3   |
|                          |                 | 9,0                   | 1 110            |                                          | 5 430          | 4 330    | 6 970              |             | 116         | 65                           | 48                      | 1,9                                                                                 | 3,7   |
|                          |                 | 7,8                   | 955              | 10                                       | 4 780          | 3 780    | 6 300              |             | 74          | 61                           | 44                      | 2,2                                                                                 | 4,3   |
|                          |                 | 6,0                   | 710              |                                          | 3 720          | 2 910    | 5 090              |             | 34          | 55                           | 38                      | 2,9                                                                                 | 5,8   |
|                          |                 | 5,0                   | 580              |                                          | 3 120          | 2 430    | 4 330              |             | 24          | 51                           | 34                      | 3,5                                                                                 | 7,1   |
|                          |                 | 4,0                   | 455              |                                          | 2 490          | 1 930    | 3 500              |             | 13          | 46                           | 30                      | 4,5                                                                                 | 9,0   |
|                          |                 | 2,0                   | 210              |                                          | 1 220          | 939      | 1 680              |             | 6           | 34                           | 17                      | 9,8                                                                                 | 19,6  |
| 34P_AC                   | V5              |                       | 1 010            |                                          | 5 130          | 4 320    | 5 340              | 115         |             | 63                           | 45                      |                                                                                     |       |
|                          | V4              |                       | 855              |                                          | 4 440          | 3 690    | 4 970              | 111         |             | 58                           | 41                      |                                                                                     |       |
|                          | V3              |                       | 710              | 10                                       | 3 800          | 3 110    | 4 570              | 105         |             | 55                           | 38                      |                                                                                     |       |
|                          | V2              |                       | 585              |                                          | 3 180          | 2 570    | 4 140              | 99          |             | 51                           | 34                      |                                                                                     |       |
|                          | V1              |                       | 470              |                                          | 2 600          | 2 080    | 3 660              | 94          |             | 47                           | 30                      |                                                                                     |       |
| 34P_HEE                  |                 | 10,0                  | 1 250            |                                          | 5 910          | 5 070    | 6 320              |             | 153         | 67                           | 52                      |                                                                                     |       |
|                          |                 | 9,0                   | 1 110            |                                          | 5 370          | 4 560    | 5 940              |             | 116         | 65                           | 48                      |                                                                                     |       |
|                          |                 | 7,8                   | 955              | 10                                       | 4 680          | 3 930    | 5 440              |             | 74          | 61                           | 44                      |                                                                                     |       |
|                          |                 | 6,0                   | 710              |                                          | 3 570          | 2 940    | 4 570              |             | 34          | 55                           | 38                      |                                                                                     |       |
|                          |                 | 5,0                   | 580              |                                          | 2 960          | 2 420    | 4 020              |             | 24          | 51                           | 34                      |                                                                                     |       |
|                          |                 | 4,0                   | 455              |                                          | 2 320          | 1 880    | 3 410              |             | 13          | 46                           | 30                      |                                                                                     |       |
|                          |                 | 2,0                   | 210              |                                          | 1 030          | 839      | 1 910              |             | 6           | 34                           | 17                      |                                                                                     |       |
| 42J_AC                   | V5              |                       | 1 305            |                                          | 5 640          | 4 820    | 6 690              | 141         |             | 62                           | 43                      | 1,6                                                                                 | 3,2   |
|                          | V4              |                       | 965              | 10                                       | 4 370          | 3 690    | 5 510              | 129         |             | 55                           | 37                      | 2,1                                                                                 | 4,3   |
|                          | V3              |                       | 755              |                                          | 3 520          | 2 950    | 4 630              | 115         |             | 50                           | 32                      | 2,7                                                                                 | 5,5   |
|                          | V2              |                       | 605              |                                          | 2 870          | 2 400    | 3 920              | 107         |             | 46                           | 27                      | 3,4                                                                                 | 6,8   |
|                          | V1              |                       | 480              |                                          | 2 280          | 1 920    | 3 250              | 97          |             | 42                           | 23                      | 4,3                                                                                 | 8,6   |
| 42M_AC                   | V5              |                       | 1 260            |                                          | 6 410          | 5 170    | 7 650              | 139         |             | 63                           | 44                      | 1,6                                                                                 | 3,3   |
|                          | V4              |                       | 955              | 10                                       | 5 100          | 3 970    | 5 900              | 127         |             | 57                           | 38                      | 2,2                                                                                 | 4,3   |
|                          | V3              |                       | 775              |                                          | 4 280          | 3 250    | 4 860              | 117         |             | 52                           | 34                      | 2,7                                                                                 | 5,3   |
|                          | V2              |                       | 615              |                                          | 3 500          | 2 600    | 3 900              | 108         |             | 48                           | 29                      | 3,3                                                                                 | 6,7   |
|                          | V1              |                       | 505              |                                          | 2 910          | 2 140    | 3 220              | 97          |             | 44                           | 26                      | 4,1                                                                                 | 8,2   |
| 42J_HEE                  |                 | 10,0                  | 1 505            |                                          | 6 050          | 5 150    | 8 010              |             | 165         | 68                           | 50                      | 1,4                                                                                 | 2,7   |
|                          |                 | 9,0                   | 1 415            |                                          | 5 780          | 4 910    | 7 660              |             | 138         | 67                           | 48                      | 1,5                                                                                 | 2,9   |
|                          |                 | 7,7                   | 1 300            | 10                                       | 5 410          | 4 590    | 7 210              |             | 102         | 64                           | 45                      | 1,6                                                                                 | 3,2   |
|                          |                 | 6,0                   | 975              |                                          | 4 350          | 3 680    | 5 800              |             | 48          | 58                           | 39                      | 2,1                                                                                 | 4,2   |
|                          |                 | 5,0                   | 800              |                                          | 3 710          | 3 140    | 4 950              |             | 32          | 54                           | 35                      | 2,6                                                                                 | 5,1   |
|                          |                 | 4,0                   | 625              |                                          | 3 020          | 2 560    | 4 050              |             | 17          | 49                           | 31                      | 3,3                                                                                 | 6,6   |
|                          |                 | 2,0                   | 290              |                                          | 1 410          | 1 250    | 2 050              |             | 4           | 36                           | 18                      | 7,1                                                                                 | 14,2  |
| 42M_HEE                  |                 | 10,0                  | 1 505            |                                          | 7 230          | 6 120    | 9 010              |             | 165         | 68                           | 50                      | 1,4                                                                                 | 2,7   |
|                          |                 | 9,0                   | 1 410            |                                          | 6 890          | 5 780    | 8 500              |             | 137         | 66                           | 47                      | 1,5                                                                                 | 2,9   |
|                          |                 | 7,6                   | 1 250            | 10                                       | 6 290          | 5 200    | 7 600              |             | 99          | 63                           | 44                      | 1,6                                                                                 | 3,3   |
|                          |                 | 6,0                   | 975              |                                          | 5 160          | 4 160    | 5 970              |             | 48          | 58                           | 39                      | 2,1                                                                                 | 4,2   |
|                          |                 | 5,0                   | 795              |                                          | 4 390          | 3 470    | 4 900              |             | 32          | 54                           | 35                      | 2,6                                                                                 | 5,2   |
|                          |                 | 4,0                   | 625              |                                          | 3 570          | 2 780    | 3 850              |             | 17          | 49                           | 30                      | 3,3                                                                                 | 6,6   |
|                          |                 | 2,0                   | 290              |                                          | 1 700          | 1 310    | 1 740              |             | 4           | 36                           | 18                      | 7,1                                                                                 | 14,2  |
| 44P_AC                   | V5              |                       | 1 260            |                                          | 5 280          | 4 760    | 7 250              | 139         |             | 63                           | 44                      |                                                                                     |       |
|                          | V4              |                       | 955              |                                          | 4 400          | 3 850    | 6 030              | 127         |             | 57                           | 38                      |                                                                                     |       |
|                          | V3              |                       | 775              | 10                                       | 3 820          | 3 270    | 5 230              | 117         |             | 52                           | 34                      |                                                                                     |       |
|                          | V2              |                       | 615              |                                          | 3 240          | 2 710    | 4 440              | 108         |             | 48                           | 29                      |                                                                                     |       |
|                          | V1              |                       | 505              |                                          | 2 790          | 2 290    | 3 840              | 97          |             | 44                           | 26                      |                                                                                     |       |

(1) Static pressures given for information purposes. For higher available static pressures, consult our sales office.

(2) Warning: the air supply temperature must not exceed 65°C (CIAT recommendation).

**I model sound level:**

Values given as a guideline for devices with non-ducted return and with ducted discharge, and for room and installation attenuation of 12 dB (sizes 0 to 3), 14 dB (sizes 4 & 5) and 16 dB (size 6).



**I MODEL (continued)**

| COMFORT<br>LINE™<br>Model I | AC motor<br>speeds | HEE<br>motor<br>voltage<br>(V) | Air flow<br>in m³/h | Available<br>static<br>pressure <sup>(1)</sup> | Cooling cap. W |          | Heating<br>capacity<br>W | Power input   |                | Overall<br>sound<br>power LW<br>dB(A) | Comfort<br>level ISO<br>or NR | Average air temperature<br>rise in K <sup>(2)</sup> Auxiliary<br>electric heater 230/1/50 |        |
|-----------------------------|--------------------|--------------------------------|---------------------|------------------------------------------------|----------------|----------|--------------------------|---------------|----------------|---------------------------------------|-------------------------------|-------------------------------------------------------------------------------------------|--------|
|                             |                    |                                |                     |                                                | Total          | Sensible |                          | AC Motor<br>W | HEE motor<br>W |                                       |                               |                                                                                           |        |
|                             |                    |                                |                     |                                                |                |          |                          |               |                |                                       |                               | 700W                                                                                      | 1400W  |
| 44P_HEE                     |                    | 10,0                           | 1 510               | 10                                             | 6 130          | 5 100    | 9 210                    |               | 165            | 68                                    | 51                            |                                                                                           |        |
|                             |                    | 9,0                            | 1 415               |                                                | 5 840          | 4 870    | 8 800                    |               | 138            | 66                                    | 48                            |                                                                                           |        |
|                             |                    | 8,0                            | 1 330               |                                                | 5 560          | 4 640    | 8 390                    |               | 111            | 63                                    | 46                            |                                                                                           |        |
|                             |                    | 6,0                            | 980                 |                                                | 4 350          | 3 680    | 6 620                    |               | 48             | 58                                    | 39                            |                                                                                           |        |
|                             |                    | 5,0                            | 800                 |                                                | 3 700          | 3 150    | 5 630                    |               | 32             | 54                                    | 35                            |                                                                                           |        |
|                             |                    | 4,0                            | 625                 |                                                | 3 010          | 2 580    | 4 600                    |               | 17             | 49                                    | 31                            |                                                                                           |        |
|                             |                    | 2,0                            | 290                 |                                                | 1 450          | 1 260    | 2 340                    |               | 4              | 36                                    | 18                            |                                                                                           |        |
|                             |                    |                                |                     |                                                |                |          |                          |               |                |                                       |                               | 1000W                                                                                     | 2000W  |
| 52J AC                      | V5                 |                                | 2 215               | 10                                             | 9 190          | 8 230    | 11 100                   | 340           |                | 65                                    | 39                            | 1,3                                                                                       | 2,7    |
|                             | V4                 |                                | 1 990               |                                                | 8 600          | 7 620    | 10 500                   | 310           |                | 62                                    | 37                            | 1,5                                                                                       | 3,0    |
|                             | V3                 |                                | 1 655               |                                                | 7 630          | 6 650    | 9 400                    | 281           |                | 58                                    | 32                            | 1,8                                                                                       | 3,6    |
|                             | V2                 |                                | 1 250               |                                                | 6 310          | 5 370    | 7 790                    | 239           |                | 51                                    | 26                            | 2,4                                                                                       | 4,7    |
|                             | V1                 |                                | 945                 |                                                | 5 150          | 4 290    | 6 330                    | 201           |                | 45                                    | 21                            | 3,1                                                                                       | 6,2    |
| 52M AC                      | V5                 |                                | 1 915               | 10                                             | 10 200         | 8 730    | 13 700                   | 321           |                | 66                                    | 40                            | 1,5                                                                                       | 3,1    |
|                             | V4                 |                                | 1 730               |                                                | 9 490          | 8 000    | 12 600                   | 290           |                | 63                                    | 37                            | 1,7                                                                                       | 3,4    |
|                             | V3                 |                                | 1 510               |                                                | 8 630          | 7 110    | 11 300                   | 259           |                | 60                                    | 34                            | 1,9                                                                                       | 3,9    |
|                             | V2                 |                                | 1 210               |                                                | 7 350          | 5 860    | 9 280                    | 227           |                | 55                                    | 29                            | 2,4                                                                                       | 4,9    |
|                             | V1                 |                                | 925                 |                                                | 5 970          | 4 600    | 7 240                    | 193           |                | 50                                    | 25                            | 3,2                                                                                       | 6,4    |
| 52J HEE                     |                    | 10,0                           | 1 625               | 10                                             | 7 680          | 6 820    | 8 870                    |               | 157            | 64                                    | 45                            | 1,8                                                                                       | 3,6    |
|                             |                    | 8,7                            | 1 570               |                                                | 7 490          | 6 610    | 8 690                    |               | 142            | 63                                    | 44                            | 1,9                                                                                       | 3,7    |
|                             |                    | 8,0                            | 1 540               |                                                | 7 390          | 6 510    | 8 600                    |               | 135            | 63                                    | 44                            | 1,9                                                                                       | 3,8    |
|                             |                    | 7,0                            | 1 340               |                                                | 6 660          | 5 780    | 7 910                    |               | 95             | 60                                    | 41                            | 2,2                                                                                       | 4,4    |
|                             |                    | 6,0                            | 1 140               |                                                | 5 910          | 5 030    | 7 140                    |               | 56             | 56                                    | 37                            | 2,6                                                                                       | 5,2    |
|                             |                    | 4,0                            | 750                 |                                                | 4 240          | 3 480    | 5 280                    |               | 20             | 47                                    | 29                            | 3,9                                                                                       | 7,8    |
|                             |                    | 2,0                            | 380                 |                                                | 2 260          | 1 820    | 2 960                    |               | 5              | 33                                    | <15                           | 7,7                                                                                       | 15,5   |
| 52M HEE                     |                    | 10,0                           | 1 500               | 10                                             | 8 790          | 7 200    | 11 700                   |               | 162            | 66                                    | 46                            | 2,0                                                                                       | 3,9    |
|                             |                    | 8,6                            | 1 380               |                                                | 8 250          | 6 680    | 10 900                   |               | 127            | 64                                    | 45                            | 2,1                                                                                       | 4,3    |
|                             |                    | 8,0                            | 1 335               |                                                | 8 030          | 6 470    | 10 500                   |               | 113            | 63                                    | 44                            | 2,2                                                                                       | 4,4    |
|                             |                    | 7,0                            | 1 145               |                                                | 7 120          | 5 630    | 9 150                    |               | 80             | 60                                    | 41                            | 2,6                                                                                       | 5,1    |
|                             |                    | 6,0                            | 960                 |                                                | 6 160          | 4 790    | 7 760                    |               | 47             | 56                                    | 37                            | 3,1                                                                                       | 6,1    |
|                             |                    | 4,0                            | 610                 |                                                | 4 130          | 3 130    | 5 030                    |               | 16             | 47                                    | 29                            | 4,8                                                                                       | 9,6    |
|                             |                    | 2,0                            | 265                 |                                                | 1 980          | 1 430    | 2 190                    |               | 5              | 34                                    | <15                           | 11,1                                                                                      | 22,2   |
| 54R AC                      | V5                 |                                | 1 915               | 10                                             | 9 610          | 8 181    | 12 900                   | 321           |                | 66                                    | 46                            |                                                                                           |        |
|                             | V4                 |                                | 1 730               |                                                | 8 970          | 7 510    | 12 200                   | 290           |                | 63                                    | 43                            |                                                                                           |        |
|                             | V3                 |                                | 1 510               |                                                | 7 160          | 6 690    | 11 300                   | 259           |                | 60                                    | 40                            |                                                                                           |        |
|                             | V2                 |                                | 1 210               |                                                | 6 940          | 5 540    | 9 920                    | 227           |                | 55                                    | 36                            |                                                                                           |        |
|                             | V1                 |                                | 925                 |                                                | 5 650          | 4 380    | 8 360                    | 193           |                | 50                                    | 31                            |                                                                                           |        |
| 54R HEE                     |                    | 10,0                           | 1 495               | 10                                             | 7 960          | 6 570    | 10 800                   |               | 162            | 65                                    | 40                            |                                                                                           |        |
|                             |                    | 9,0                            | 1 410               |                                                | 7 650          | 6 270    | 10 500                   |               | 136            | 64                                    | 39                            |                                                                                           |        |
|                             |                    | 8,0                            | 1 325               |                                                | 7 340          | 5 980    | 10 100                   |               | 112            | 63                                    | 38                            |                                                                                           |        |
|                             |                    | 7,0                            | 1 140               |                                                | 6 620          | 5 300    | 9 280                    |               | 80             | 59                                    | 35                            |                                                                                           |        |
|                             |                    | 6,0                            | 955                 |                                                | 5 820          | 4 580    | 8 330                    |               | 47             | 56                                    | 31                            |                                                                                           |        |
|                             |                    | 4,0                            | 610                 |                                                | 4 020          | 3 080    | 6 170                    |               | 16             | 47                                    | 22                            |                                                                                           |        |
|                             |                    | 2,0                            | 265                 |                                                | 1 980          | 1 440    | 3 160                    |               | 5              | 34                                    | <15                           |                                                                                           |        |
|                             |                    |                                |                     |                                                |                |          |                          |               |                |                                       |                               | 1600 W                                                                                    | 3200 W |
| 62J AC                      | V5                 |                                | 2 745               | 10                                             | 11 700         | 10 500   | 15 100                   | 413           |                | 72                                    | 51                            | 1,7                                                                                       | 3,4    |
|                             | V4                 |                                | 2 330               |                                                | 10 300         | 9 090    | 13 000                   | 384           |                | 66                                    | 42                            | 2,0                                                                                       | 4,0    |
|                             | V3                 |                                | 1 630               |                                                | 7 770          | 6 570    | 9 270                    | 317           |                | 55                                    | 28                            | 2,9                                                                                       | 5,8    |
|                             | V2                 |                                | 1 110               |                                                | 5 580          | 4 570    | 6 380                    | 259           |                | 47                                    | 20                            | 4,2                                                                                       | 8,5    |
|                             | V1                 |                                | 870                 |                                                | 4 460          | 3 590    | 5 030                    | 202           |                | 42                                    | 16                            | 5,4                                                                                       | 10,8   |
| 62M AC                      | V5                 |                                | 2 585               | 10                                             | 14 000         | 11 100   | 15 900                   | 395           |                | 72                                    | 51                            | 1,8                                                                                       | 3,6    |
|                             | V4                 |                                | 2 195               |                                                | 12 600         | 9 810    | 14 100                   | 367           |                | 67                                    | 43                            | 2,1                                                                                       | 4,3    |
|                             | V3                 |                                | 1 555               |                                                | 9 900          | 7 420    | 10 800                   | 317           |                | 59                                    | 31                            | 3,0                                                                                       | 6,1    |
|                             | V2                 |                                | 1 055               |                                                | 7 340          | 4 340    | 7 740                    | 248           |                | 51                                    | 25                            | 4,5                                                                                       | 8,9    |
|                             | V1                 |                                | 805                 |                                                | 5 840          | 4 190    | 6 060                    | 197           |                | 44                                    | 17                            | 5,8                                                                                       | 11,7   |
|                             |                    |                                |                     |                                                |                |          |                          |               |                |                                       |                               | 1500 W                                                                                    | 3000 W |
| 62J HEE                     |                    | 10,0                           | 2 395               | 10                                             | 10 700         | 9 530    | 13 200                   |               | 255            | 65                                    | 49                            | 1,8                                                                                       | 3,7    |
|                             |                    | 9,0                            | 2 370               |                                                | 10 700         | 9 450    | 13 000                   |               | 248            | 65                                    | 48                            | 1,9                                                                                       | 3,7    |
|                             |                    | 7,7                            | 2 290               |                                                | 10 400         | 9 140    | 12 600                   |               | 226            | 64                                    | 47                            | 1,9                                                                                       | 3,9    |
|                             |                    | 6,0                            | 1 940               |                                                | 9 140          | 7 810    | 10 900                   |               | 136            | 60                                    | 42                            | 2,3                                                                                       | 4,5    |
|                             |                    | 5,0                            | 1 670               |                                                | 7 980          | 6 780    | 9 470                    |               | 96             | 57                                    | 37                            | 2,6                                                                                       | 5,3    |
|                             |                    | 4,0                            | 1 410               |                                                | 6 880          | 5 750    | 8 070                    |               | 57             | 53                                    | 32                            | 3,1                                                                                       | 6,3    |
|                             |                    | 2,0                            | 740                 |                                                | 3 810          | 3 050    | 4 330                    |               | 13             | 39                                    | 19                            | 6,0                                                                                       | 11,9   |
| 62M HEE                     |                    | 10,0                           | 2 305               | 10                                             | 10 700         | 9 530    | 13 200                   |               | 260            | 66                                    | 50                            | 1,9                                                                                       | 3,8    |
|                             |                    | 9,0                            | 2 280               |                                                | 10 700         | 9 450    | 13 000                   |               | 256            | 66                                    | 49                            | 1,9                                                                                       | 3,9    |
|                             |                    | 7,0                            | 2 005               |                                                | 10 400         | 9 140    | 12 600                   |               | 188            | 63                                    | 46                            | 2,2                                                                                       | 4,4    |
|                             |                    | 6,0                            | 1 770               |                                                | 9 140          | 7 810    | 10 900                   |               | 126            | 60                                    | 41                            | 2,5                                                                                       | 5,0    |
|                             |                    | 5,0                            | 1 520               |                                                | 7 980          | 6 780    | 9 470                    |               | 89             | 56                                    | 37                            | 2,9                                                                                       | 5,8    |
|                             |                    | 4,0                            | 1 280               |                                                | 6 880          | 5 750    | 8 070                    |               | 52             | 52                                    | 31                            | 3,4                                                                                       | 6,9    |
|                             |                    | 2,0                            | 685                 |                                                | 3 810          | 3 050    | 4 330                    |               | 12             | 39                                    | 19                            | 6,4                                                                                       | 12,9   |

(1) Static pressures given for information purposes. For higher available static pressures, consult our sales office.

(2) Warning: the air supply temperature must not exceed 65°C (CIAT recommendation).

**I model sound level:**

Values given as a guideline for devices with non-ducted return and with ducted discharge, and for room and installation attenuation of 12 dB (sizes 0 to 3), 14 dB (sizes 4 & 5) and 16 dB (size 6).

**I MODEL (continued)**

| COMFORT<br>LINE™<br>Model I | AC motor<br>speeds | HEE<br>motor<br>voltage<br>(V) | Air flow<br>in m³/h | Available<br>static<br>pressure <sup>(1)</sup> | Cooling cap. W |          | Heating<br>capacity<br>W | Power input   |                | Overall<br>sound<br>power LW<br>dB(A) | Comfort<br>level ISO<br>or NR | Average air temperature<br>rise in K <sup>(2)</sup> Auxiliary<br>electric heater 230/1/50 |        |
|-----------------------------|--------------------|--------------------------------|---------------------|------------------------------------------------|----------------|----------|--------------------------|---------------|----------------|---------------------------------------|-------------------------------|-------------------------------------------------------------------------------------------|--------|
|                             |                    |                                |                     |                                                | Total          | Sensible |                          | AC Motor<br>W | HEE motor<br>W |                                       |                               |                                                                                           |        |
|                             |                    |                                |                     |                                                |                |          |                          |               |                |                                       |                               | 1500 W                                                                                    | 3000 W |
| 64P AC                      | V5                 |                                | 2 525               |                                                | 13 100         | 11 600   | 13 600                   | 389           |                | 69                                    | 54                            |                                                                                           |        |
|                             | V4                 |                                | 2 185               |                                                | 11 800         | 10 200   | 12 600                   | 360           |                | 65                                    | 47                            |                                                                                           |        |
|                             | V3                 |                                | 1 565               | 10                                             | 8 970          | 7 490    | 10 400                   | 314           |                | 57                                    | 36                            |                                                                                           |        |
|                             | V2                 |                                | 1 060               |                                                | 6 380          | 5 170    | 8 150                    | 247           |                | 50                                    | 30                            |                                                                                           |        |
|                             | V1                 |                                | 800                 |                                                | 4 900          | 3 910    | 6 730                    | 197           |                | 42                                    | 23                            |                                                                                           |        |
| 64R AC                      | V5                 |                                | 2 415               |                                                | 13 700         | 10 500   | 15 400                   | 389           |                | 72                                    | 51                            |                                                                                           |        |
|                             | V4                 |                                | 2 085               | 10                                             | 12 300         | 9 230    | 14 400                   | 357           |                | 67                                    | 44                            |                                                                                           |        |
|                             | V3                 |                                | 1 470               |                                                | 9 590          | 6 990    | 12 100                   | 313           |                | 58                                    | 30                            |                                                                                           |        |
|                             | V2                 |                                | 1 010               |                                                | 7 100          | 5 060    | 9 680                    | 244           |                | 50                                    | 23                            |                                                                                           |        |
|                             | V1                 |                                | 780                 |                                                | 5 680          | 4 070    | 8 160                    | 194           |                | 45                                    | 19                            |                                                                                           |        |
| 64PHEE                      |                    | 10,0                           | 2 305               |                                                | 12 200         | 10 600   | 13 000                   |               | 260            | 66                                    | 43                            |                                                                                           |        |
|                             |                    | 9,0                            | 2 280               |                                                | 12 100         | 10 500   | 12 900                   |               | 256            | 66                                    | 42                            |                                                                                           |        |
|                             |                    | 7,0                            | 2 005               | 10                                             | 10 900         | 9 290    | 12 100                   |               | 188            | 63                                    | 39                            |                                                                                           |        |
|                             |                    | 6,0                            | 1 770               |                                                | 9 780          | 8 230    | 11 300                   |               | 126            | 60                                    | 34                            |                                                                                           |        |
|                             |                    | 5,0                            | 1 520               |                                                | 8 590          | 7 100    | 10 400                   |               | 89             | 56                                    | 30                            |                                                                                           |        |
|                             |                    | 4,0                            | 1 280               |                                                | 7 330          | 5 980    | 9 330                    |               | 52             | 52                                    | 24                            |                                                                                           |        |
|                             |                    | 2,0                            | 685                 |                                                | 4 090          | 3 220    | 6 170                    |               | 12             | 39                                    | <15                           |                                                                                           |        |
| 64R HEE                     |                    | 10,0                           | 2 175               |                                                | 13 000         | 9 370    | 14 800                   |               | 264            | 67                                    | 44                            |                                                                                           |        |
|                             |                    | 9,0                            | 2 175               |                                                | 13 000         | 9 370    | 14 800                   |               | 264            | 67                                    | 44                            |                                                                                           |        |
|                             |                    | 7,0                            | 1 890               | 10                                             | 11 800         | 8 490    | 13 800                   |               | 189            | 64                                    | 39                            |                                                                                           |        |
|                             |                    | 6,0                            | 1 615               |                                                | 10 600         | 7 560    | 12 800                   |               | 117            | 60                                    | 35                            |                                                                                           |        |
|                             |                    | 5,0                            | 1 370               |                                                | 9 390          | 6 700    | 10 800                   |               | 82             | 56                                    | 30                            |                                                                                           |        |
|                             |                    | 4,0                            | 1 130               |                                                | 8 100          | 5 750    | 10 600                   |               | 47             | 52                                    | 24                            |                                                                                           |        |
|                             |                    | 2,0                            | 555                 |                                                | 4 360          | 3 070    | 6 500                    |               | 11             | 39                                    | <15                           |                                                                                           |        |

(1) Static pressures given for information purposes. For higher available static pressures, consult our sales office.

(2) Warning: the air supply temperature must not exceed 65°C (CIAT recommendation).

**I model sound level:**

Values given as a guideline for devices with non-ducted return and with ducted discharge, and for room and installation attenuation of 12 dB (sizes 0 to 3), 14 dB (sizes 4 & 5) and 16 dB (size 6).

## Y MODEL

**Cooling temperature:** water temperature: 7/12°C, air intake temperature: 27°C - 19°C (WB).

**Heating temperature (2T):** water temperature: 45/40°C, air intake temperature: 20°C.

**Heating temperature (4T):** water temperature: 65/55°C, air intake temperature: 20°C.

| COMFORT<br>LINE™<br>Model Y | AC motor<br>speeds | HEE<br>motor<br>voltage<br>(V) | Air flow<br>in m³/h | Available<br>static<br>pressure <sup>(1)</sup> | Cooling cap. W |          | Heating<br>capacity<br>W | Power input   |                | Overall<br>sound<br>power LW<br>dB(A) | Comfort<br>level ISO<br>or NR | Average air temperature<br>rise in K <sup>(2)</sup> Auxiliary<br>electric heater 230/150 |       |
|-----------------------------|--------------------|--------------------------------|---------------------|------------------------------------------------|----------------|----------|--------------------------|---------------|----------------|---------------------------------------|-------------------------------|------------------------------------------------------------------------------------------|-------|
|                             |                    |                                |                     |                                                | Total          | Sensible |                          | AC Motor<br>W | HEE motor<br>W |                                       |                               | 500W                                                                                     | 1000W |
| 02J_AC                      | V5                 |                                | 440                 |                                                | 2 280          | 1 920    | 2 700                    | 66            |                | 60                                    | 41                            | 3,3                                                                                      | 6,7   |
|                             | V4                 |                                | 360                 |                                                | 1 970          | 1 620    | 2 300                    | 44            |                | 55                                    | 36                            | 4,1                                                                                      | 8,2   |
|                             | V3                 |                                | 285                 | 20                                             | 1 660          | 1 340    | 1 920                    | 32            |                | 49                                    | 30                            | 5,2                                                                                      | 10,3  |
|                             | V2                 |                                | 200                 |                                                | 1 250          | 986      | 1 420                    | 20            |                | 41                                    | 22                            | 7,4                                                                                      | 14,7  |
|                             | V1                 |                                | 135                 |                                                | 1 070          | 762      | 1 070                    | 14            |                | 33                                    | <15                           | 10,9                                                                                     | 21,8  |
| 02J_HEE                     |                    | 10,0                           | 605                 |                                                | 2 690          | 2 390    | 3 620                    |               | 77             | 64                                    | 46                            | 2,4                                                                                      | 4,9   |
|                             |                    | 9,0                            | 540                 |                                                | 2 510          | 2 200    | 3 320                    |               | 59             | 61                                    | 43                            | 2,7                                                                                      | 5,4   |
|                             |                    | 8,0                            | 480                 |                                                | 2 330          | 2 000    | 3 030                    |               | 41             | 58                                    | 40                            | 3,1                                                                                      | 6,1   |
|                             |                    | 6,6                            | 395                 | 20                                             | 2 040          | 1 710    | 2 570                    |               | 26             | 53                                    | 34                            | 3,7                                                                                      | 7,4   |
|                             |                    | 5,0                            | 290                 |                                                | 1 650          | 1 330    | 1 980                    |               | 14             | 46                                    | 28                            | 5,1                                                                                      | 10,1  |
|                             |                    | 4,0                            | 230                 |                                                | 1 390          | 1 100    | 1 620                    |               | 8              | 41                                    | 22                            | 6,4                                                                                      | 12,8  |
|                             |                    | 2,0                            | 115                 |                                                | 760            | 572      | 836                      |               | 3              | 27                                    | <15                           | 12,8                                                                                     | 25,6  |
| 04P_AC                      | V5                 |                                | 440                 |                                                | 2 210          | 1 920    | 2 720                    | 66            |                | 60                                    | 41                            |                                                                                          |       |
|                             | V4                 |                                | 360                 |                                                | 1 880          | 1 610    | 2 390                    | 44            |                | 55                                    | 36                            |                                                                                          |       |
|                             | V3                 |                                | 285                 | 20                                             | 1 500          | 1 280    | 2 060                    | 32            |                | 49                                    | 30                            |                                                                                          |       |
|                             | V2                 |                                | 200                 |                                                | 1 080          | 915      | 1 590                    | 20            |                | 41                                    | 22                            |                                                                                          |       |
|                             | V1                 |                                | 135                 |                                                | 941            | 709      | 1 470                    | 14            |                | 33                                    | <15                           |                                                                                          |       |
| 04P_HEE                     |                    | 10,0                           | 605                 |                                                | 2 760          | 2 350    | 3 880                    |               | 77             | 64                                    | 46                            |                                                                                          |       |
|                             |                    | 9,0                            | 540                 |                                                | 2 520          | 2 150    | 3 590                    |               | 59             | 61                                    | 43                            |                                                                                          |       |
|                             |                    | 8,0                            | 480                 |                                                | 2 280          | 1 940    | 3 290                    |               | 41             | 58                                    | 40                            |                                                                                          |       |
|                             |                    | 6,6                            | 395                 | 20                                             | 1 950          | 1 650    | 2 830                    |               | 26             | 53                                    | 34                            |                                                                                          |       |
|                             |                    | 5,0                            | 290                 |                                                | 1 490          | 1 260    | 2 240                    |               | 14             | 46                                    | 28                            |                                                                                          |       |
|                             |                    | 4,0                            | 230                 |                                                | 1 200          | 1 020    | 1 850                    |               | 8              | 41                                    | 22                            |                                                                                          |       |
|                             |                    | 2,0                            | 115                 |                                                | 673            | 538      | 992                      |               | 3              | 27                                    | <15                           |                                                                                          |       |
| 22J_AC                      | V5                 |                                | 730                 |                                                | 3380           | 2530     | 3960                     | 101           |                | 60                                    | 40                            | 2,0                                                                                      | 4,0   |
|                             | V4                 |                                | 680                 |                                                | 3150           | 2350     | 3750                     | 83            |                | 58                                    | 39                            | 2,2                                                                                      | 4,3   |
|                             | V3                 |                                | 595                 | 20                                             | 2790           | 2050     | 3380                     | 68            |                | 55                                    | 36                            | 2,5                                                                                      | 4,9   |
|                             | V2                 |                                | 405                 |                                                | 1910           | 1400     | 2470                     | 40            |                | 46                                    | 27                            | 3,6                                                                                      | 7,3   |
|                             | V1                 |                                | 225                 |                                                | 972            | 741      | 1480                     | 18            |                | 34                                    | <15                           | 6,5                                                                                      | 13,1  |
| 22M_AC                      | V5                 |                                | 685                 |                                                | 3 490          | 2 780    | 4 610                    | 100           |                | 60                                    | 41                            | 2,1                                                                                      | 4,3   |
|                             | V4                 |                                | 640                 |                                                | 3 280          | 2 610    | 4 370                    | 81            |                | 59                                    | 39                            | 2,3                                                                                      | 4,6   |
|                             | V3                 |                                | 565                 | 20                                             | 2 930          | 2 320    | 3 920                    | 67            |                | 56                                    | 37                            | 2,6                                                                                      | 5,2   |
|                             | V2                 |                                | 390                 |                                                | 2 080          | 1 650    | 2 840                    | 40            |                | 47                                    | 29                            | 3,8                                                                                      | 7,5   |
|                             | V1                 |                                | 215                 |                                                | 1 130          | 916      | 1 630                    | 18            |                | 35                                    | 16                            | 6,8                                                                                      | 13,7  |
| 22J_HEE                     |                    | 10,0                           | 935                 |                                                | 4 450          | 3 440    | 4 730                    |               | 128            | 64                                    | 45                            | 1,6                                                                                      | 3,1   |
|                             |                    | 8,0                            | 750                 |                                                | 3 590          | 2 740    | 4 080                    |               | 65             | 58                                    | 39                            | 2,0                                                                                      | 3,9   |
|                             |                    | 7,3                            | 680                 | 20                                             | 3 280          | 2 480    | 3 810                    |               | 53             | 56                                    | 37                            | 2,2                                                                                      | 4,3   |
|                             |                    | 6,0                            | 545                 |                                                | 2 640          | 1 980    | 3 250                    |               | 29             | 51                                    | 32                            | 2,7                                                                                      | 5,4   |
|                             |                    | 4,0                            | 355                 |                                                | 1 670          | 1 270    | 2 330                    |               | 11             | 41                                    | 23                            | 4,1                                                                                      | 8,3   |
|                             |                    | 3,0                            | 270                 |                                                | 1 210          | 942      | 1 840                    |               | 7              | 35                                    | 16                            | 5,4                                                                                      | 10,9  |
|                             |                    | 2,0                            | 170                 |                                                | 743            | 589      | 1 230                    |               | 4              | 28                                    | <15                           | 8,7                                                                                      | 17,3  |
| 22M_HEE                     |                    | 10,0                           | 800                 |                                                | 3 900          | 3 140    | 5 390                    |               | 118            | 65                                    | 46                            | 1,8                                                                                      | 3,7   |
|                             |                    | 7,8                            | 610                 | 20                                             | 3 090          | 2 450    | 4 280                    |               | 54             | 58                                    | 39                            | 2,4                                                                                      | 4,8   |
|                             |                    | 7,0                            | 540                 |                                                | 2 790          | 2 200    | 3 850                    |               | 41             | 55                                    | 36                            | 2,7                                                                                      | 5,4   |
|                             |                    | 6,0                            | 455                 |                                                | 2 400          | 1 880    | 3 310                    |               | 24             | 51                                    | 33                            | 3,2                                                                                      | 6,5   |
|                             |                    | 4,0                            | 285                 |                                                | 1 530          | 1 200    | 2 140                    |               | 9              | 42                                    | 23                            | 5,2                                                                                      | 10,3  |
|                             |                    | 3,0                            | 220                 |                                                | 1 180          | 938      | 1 670                    |               | 7              | 36                                    | 17                            | 6,7                                                                                      | 13,4  |
|                             |                    | 2,0                            | 160                 |                                                | 939            | 723      | 1 230                    |               | 4              | 27                                    | <15                           | 9,2                                                                                      | 18,4  |
| 24P_AC                      | V5                 |                                | 685                 |                                                | 3 330          | 2 810    | 4 500                    | 100           |                | 60                                    | 41                            |                                                                                          |       |
|                             | V4                 |                                | 640                 |                                                | 3 120          | 2 620    | 4 350                    | 81            |                | 59                                    | 39                            |                                                                                          |       |
|                             | V3                 |                                | 565                 | 20                                             | 2 790          | 2 310    | 4 050                    | 67            |                | 56                                    | 37                            |                                                                                          |       |
|                             | V2                 |                                | 390                 |                                                | 1 960          | 1 590    | 3 230                    | 40            |                | 47                                    | 29                            |                                                                                          |       |
|                             | V1                 |                                | 215                 |                                                | 1 040          | 834      | 2 090                    | 18            |                | 35                                    | 16                            |                                                                                          |       |
| 22J_HEE                     |                    | 10,0                           | 815                 |                                                | 3 660          | 3 190    | 5 110                    |               | 120            | 65                                    | 46                            |                                                                                          |       |
|                             |                    | 8,2                            | 650                 | 20                                             | 3 010          | 2 580    | 4 530                    |               | 65             | 60                                    | 40                            |                                                                                          |       |
|                             |                    | 7,0                            | 545                 |                                                | 2 590          | 2 180    | 4 080                    |               | 42             | 56                                    | 37                            |                                                                                          |       |
|                             |                    | 6,0                            | 460                 |                                                | 2 220          | 1 850    | 3 670                    |               | 24             | 52                                    | 33                            |                                                                                          |       |
|                             |                    | 4,0                            | 285                 |                                                | 1 420          | 1 150    | 2 630                    |               | 9              | 42                                    | 24                            |                                                                                          |       |
|                             |                    | 3,0                            | 225                 |                                                | 1 090          | 883      | 2 160                    |               | 7              | 36                                    | 17                            |                                                                                          |       |
|                             |                    | 2,0                            | 160                 |                                                | 808            | 642      | 1 660                    |               | 4              | 27                                    | <15                           |                                                                                          |       |

(1) Static pressures given for information purposes. For higher available static pressures, consult our sales office.

(2) Warning: the air supply temperature must not exceed 65°C (CIAT recommendation).

### Y model sound level:

Values given as a guideline for devices with non-ducted return and with ducted discharge, and for room and installation attenuation of 14 dB (sizes 0 to 3), 16 dB (sizes 4 & 5) and 18 dB (size 6).

**Y MODEL (continued)**

| COMFORT LINE™<br>Model Y | AC motor speeds | HEE motor voltage (V) | Air flow in m³/h | Available static pressure <sup>(1)</sup> | Cooling cap. W |          | Heating capacity W | Power input |             | Overall sound power LW dB(A) | Comfort level ISO or NR | Average air temperature rise in K <sup>(2)</sup> Auxiliary electric heater 230/1/50 |       |
|--------------------------|-----------------|-----------------------|------------------|------------------------------------------|----------------|----------|--------------------|-------------|-------------|------------------------------|-------------------------|-------------------------------------------------------------------------------------|-------|
|                          |                 |                       |                  |                                          | Total          | Sensible |                    | AC Motor W  | HEE motor W |                              |                         | 700W                                                                                | 1400W |
| 32J_AC                   | V5              |                       | 1 000            |                                          | 4 360          | 3 990    | 5 620              | 117         |             | 60                           | 41                      | 2,1                                                                                 | 4,1   |
|                          | V4              |                       | 810              |                                          | 3 650          | 3 220    | 4 890              | 110         |             | 56                           | 37                      | 2,5                                                                                 | 5,1   |
|                          | V3              |                       | 680              | 20                                       | 3 130          | 2 680    | 4 330              | 107         |             | 52                           | 33                      | 3,0                                                                                 | 6,1   |
|                          | V2              |                       | 550              |                                          | 2 560          | 2 110    | 3 670              | 101         |             | 48                           | 29                      | 3,7                                                                                 | 7,5   |
|                          | V1              |                       | 435              |                                          | 2 040          | 1 620    | 3 020              | 94          |             | 43                           | 24                      | 4,7                                                                                 | 9,5   |
| 32M_AC                   | V5              |                       | 970              |                                          | 5 020          | 3 750    | 6 210              | 113         |             | 62                           | 43                      | 2,1                                                                                 | 4,2   |
|                          | V4              |                       | 830              |                                          | 4 350          | 3 190    | 5 550              | 109         |             | 58                           | 39                      | 2,5                                                                                 | 5,0   |
|                          | V3              |                       | 695              | 20                                       | 3 710          | 2 670    | 4 860              | 104         |             | 54                           | 35                      | 3,0                                                                                 | 5,9   |
|                          | V2              |                       | 575              |                                          | 3 100          | 2 210    | 4 170              | 99          |             | 51                           | 32                      | 3,6                                                                                 | 7,2   |
|                          | V1              |                       | 465              |                                          | 2 510          | 1 790    | 3 460              | 93          |             | 46                           | 28                      | 4,4                                                                                 | 8,9   |
| 32J_HEE                  |                 | 10,0                  | 1 235            |                                          | 5 130          | 4 780    | 6 410              |             | 152         | 65                           | 45                      | 1,7                                                                                 | 3,3   |
|                          |                 | 9,0                   | 1 100            |                                          | 4 710          | 4 300    | 6 000              |             | 114         | 62                           | 43                      | 1,9                                                                                 | 3,7   |
|                          |                 | 7,4                   | 875              | 20                                       | 3 950          | 3 480    | 5 240              |             | 65          | 58                           | 39                      | 2,4                                                                                 | 4,7   |
|                          |                 | 6,0                   | 670              |                                          | 3 170          | 2 690    | 4 350              |             | 32          | 53                           | 34                      | 3,1                                                                                 | 6,1   |
|                          |                 | 5,0                   | 555              |                                          | 2 720          | 2 240    | 3 780              |             | 23          | 49                           | 30                      | 3,7                                                                                 | 7,4   |
|                          |                 | 4,0                   | 440              |                                          | 2 220          | 1 780    | 3 150              |             | 13          | 44                           | 26                      | 4,7                                                                                 | 9,4   |
|                          |                 | 2,0                   | 250              |                                          | 1 230          | 977      | 1 890              |             | 5           | 30,0                         | <15                     | 8,2                                                                                 | 16,5  |
| 32M_HEE                  |                 | 10,0                  | 1 165            |                                          | 5 650          | 4 520    | 7 150              |             | 144         | 65                           | 46                      | 1,8                                                                                 | 3,5   |
|                          |                 | 9,0                   | 1 035            |                                          | 5 130          | 4 080    | 6 650              |             | 109         | 63                           | 43                      | 2,0                                                                                 | 4,0   |
|                          |                 | 7,8                   | 885              | 20                                       | 4 500          | 3 550    | 5 990              |             | 69          | 59                           | 40                      | 2,3                                                                                 | 4,7   |
|                          |                 | 6,0                   | 665              |                                          | 3 510          | 2 730    | 4 820              |             | 32          | 53                           | 34                      | 3,1                                                                                 | 6,2   |
|                          |                 | 5,0                   | 545              |                                          | 2 940          | 2 290    | 4 090              |             | 23          | 49                           | 30                      | 3,8                                                                                 | 7,6   |
|                          |                 | 4,0                   | 430              |                                          | 2 350          | 1 830    | 3 320              |             | 13          | 45                           | 26                      | 4,8                                                                                 | 9,6   |
|                          |                 | 2,0                   | 200              |                                          | 1 180          | 903      | 1 600              |             | 6           | 32                           | <15                     | 10,3                                                                                | 20,6  |
| 34P_AC                   | V5              |                       | 925              |                                          | 4 760          | 3 980    | 5 150              | 110         |             | 61                           | 42                      |                                                                                     |       |
|                          | V4              |                       | 795              |                                          | 4 180          | 3 450    | 4 820              | 107         |             | 58                           | 39                      |                                                                                     |       |
|                          | V3              |                       | 675              | 20                                       | 3 620          | 2 950    | 4 460              | 103         |             | 54                           | 35                      |                                                                                     |       |
|                          | V2              |                       | 565              |                                          | 3 070          | 2 470    | 4 050              | 98          |             | 51                           | 32                      |                                                                                     |       |
|                          | V1              |                       | 460              |                                          | 2 540          | 2 020    | 3 600              | 93          |             | 46                           | 28                      |                                                                                     |       |
| 34P_HEE                  |                 | 10,0                  | 1 165            |                                          | 5 570          | 4 750    | 6 080              |             | 144         | 66                           | 46                      |                                                                                     |       |
|                          |                 | 9,0                   | 1 035            |                                          | 5 050          | 4 270    | 5 700              |             | 109         | 64                           | 43                      |                                                                                     |       |
|                          |                 | 7,8                   | 885              | 20                                       | 4 390          | 3 670    | 5 220              |             | 69          | 63                           | 40                      |                                                                                     |       |
|                          |                 | 6,0                   | 665              |                                          | 3 350          | 2 750    | 4 370              |             | 32          | 56                           | 34                      |                                                                                     |       |
|                          |                 | 5,0                   | 545              |                                          | 2 770          | 2 260    | 3 850              |             | 23          | 52                           | 30                      |                                                                                     |       |
|                          |                 | 4,0                   | 430              |                                          | 2 180          | 1 770    | 3 270              |             | 13          | 47                           | 26                      |                                                                                     |       |
|                          |                 | 2,0                   | 200              |                                          | 996            | 805      | 1 840              |             | 6           | 34                           | <15                     |                                                                                     |       |
| 42J_AC                   | V5              |                       | 1 215            |                                          | 5 310          | 4 520    | 6 410              | 134         |             | 61                           | 40                      | 1,7                                                                                 | 3,4   |
|                          | V4              |                       | 925              | 20                                       | 4 220          | 3 550    | 5 360              | 124         |             | 55                           | 34                      | 2,2                                                                                 | 4,5   |
|                          | V3              |                       | 730              |                                          | 3 430          | 2 870    | 4 540              | 113         |             | 50                           | 29                      | 2,8                                                                                 | 5,6   |
|                          | V2              |                       | 590              |                                          | 2 810          | 2 350    | 3 860              | 106         |             | 46                           | 25                      | 3,5                                                                                 | 7,0   |
|                          | V1              |                       | 470              |                                          | 2 230          | 1 880    | 3 200              | 96          |             | 41                           | 20                      | 4,4                                                                                 | 8,8   |
| 42M_AC                   | V5              |                       | 1 170            |                                          | 6 050          | 4 830    | 7 160              | 132         |             | 62                           | 40                      | 1,8                                                                                 | 3,5   |
|                          | V4              |                       | 905              | 20                                       | 4 890          | 3 780    | 5 640              | 123         |             | 56                           | 35                      | 2,3                                                                                 | 4,5   |
|                          | V3              |                       | 750              |                                          | 4 160          | 3 150    | 4 720              | 115         |             | 52                           | 31                      | 2,7                                                                                 | 5,5   |
|                          | V2              |                       | 600              |                                          | 3 410          | 2 530    | 3 800              | 107         |             | 47                           | 26                      | 3,4                                                                                 | 6,9   |
|                          | V1              |                       | 495              |                                          | 2 850          | 2 090    | 3 160              | 96          |             | 43                           | 22                      | 4,2                                                                                 | 8,3   |
| 42J_HEE                  |                 | 10,0                  | 1 460            |                                          | 5 920          | 5 040    | 7 820              |             | 167         | 66                           | 45                      | 1,4                                                                                 | 2,8   |
|                          |                 | 9,0                   | 1 350            |                                          | 5 590          | 4 750    | 7 400              |             | 134         | 64                           | 43                      | 1,5                                                                                 | 3,1   |
|                          |                 | 7,7                   | 1 225            | 20                                       | 5 180          | 4 390    | 6 880              |             | 95          | 61                           | 40                      | 1,7                                                                                 | 3,4   |
|                          |                 | 6,0                   | 920              |                                          | 4 160          | 3 520    | 5 540              |             | 46          | 55                           | 34                      | 2,2                                                                                 | 4,5   |
|                          |                 | 5,0                   | 750              |                                          | 3 530          | 2 990    | 4 710              |             | 31          | 51                           | 31                      | 2,7                                                                                 | 5,5   |
|                          |                 | 4,0                   | 590              |                                          | 2 880          | 2 440    | 3 860              |             | 16          | 47                           | 26                      | 3,5                                                                                 | 7,0   |
|                          |                 | 2,0                   | 275              |                                          | 1 370          | 1 200    | 1 960              |             | 4           | 34                           | <15                     | 7,5                                                                                 | 15,0  |
| 42M_HEE                  |                 | 10,0                  | 1 450            |                                          | 7 060          | 5 950    | 8 720              |             | 167         | 66                           | 45                      | 1,4                                                                                 | 2,8   |
|                          |                 | 9,0                   | 1 340            |                                          | 6 630          | 5 530    | 8 080              |             | 133         | 64                           | 43                      | 1,5                                                                                 | 3,1   |
|                          |                 | 7,6                   | 1 175            | 20                                       | 6 000          | 4 920    | 7 140              |             | 92          | 61                           | 40                      | 1,8                                                                                 | 3,5   |
|                          |                 | 6,0                   | 915              |                                          | 4 910          | 3 930    | 5 610              |             | 45          | 55                           | 34                      | 2,3                                                                                 | 4,5   |
|                          |                 | 5,0                   | 745              |                                          | 4 160          | 3 270    | 4 590              |             | 31          | 51                           | 30                      | 2,8                                                                                 | 5,5   |
|                          |                 | 4,0                   | 585              |                                          | 3 390          | 2 620    | 3 620              |             | 16          | 46                           | 26                      | 3,5                                                                                 | 7,0   |
|                          |                 | 2,0                   | 275              |                                          | 1 640          | 1 250    | 1 650              |             | 4           | 33                           | <15                     | 7,5                                                                                 | 15,0  |

(1) Static pressures given for information purposes. For higher available static pressures, consult our sales office.

(2) Warning: the air supply temperature must not exceed 65°C (CIAT recommendation).

**Y model sound level:**

Values given as a guideline for devices with non-ducted return and with ducted discharge, and for room and installation attenuation of 14 dB (sizes 0 to 3), 16 dB (sizes 4 & 5) and 18 dB (size 6).

**Y MODEL (continued)**

| COMFORT LINE™ Model Y | AC motor speeds | HEE motor voltage (V) | Air flow in m³/h | Available static pressure <sup>(1)</sup> | Cooling cap. W |          | Heating capacity W | Power input |             | Overall sound power LW dB(A) | Comfort level ISO or NR | Average air temperature rise in K <sup>(2)</sup> Auxiliary electric heater 230/1/50 |        |
|-----------------------|-----------------|-----------------------|------------------|------------------------------------------|----------------|----------|--------------------|-------------|-------------|------------------------------|-------------------------|-------------------------------------------------------------------------------------|--------|
|                       |                 |                       |                  |                                          | Total          | Sensible |                    | AC Motor W  | HEE motor W |                              |                         |                                                                                     |        |
| 44P_AC                | V5              |                       | 1 170            |                                          | 5 040          | 4 500    | 6 920              | 132         |             | 62                           | 40                      |                                                                                     |        |
|                       | V4              |                       | 905              | 20                                       | 4 250          | 3 700    | 5 830              | 123         |             | 56                           | 35                      |                                                                                     |        |
|                       | V3              |                       | 750              |                                          | 3 740          | 3 190    | 5 120              | 115         |             | 52                           | 31                      |                                                                                     |        |
|                       | V2              |                       | 600              |                                          | 3 180          | 2 650    | 4 360              | 107         |             | 47                           | 26                      |                                                                                     |        |
|                       | V1              |                       | 495              |                                          | 2 750          | 2 250    | 3 780              | 96          |             | 43                           | 22                      |                                                                                     |        |
| 44P_HEE               |                 | 10,0                  | 1 465            |                                          | 6 000          | 5 000    | 9 000              |             | 167         | 66                           | 45                      |                                                                                     |        |
|                       |                 | 9,0                   | 1 355            |                                          | 5 650          | 4 720    | 8 500              |             | 134         | 64                           | 43                      |                                                                                     |        |
|                       |                 | 8,0                   | 1 260            | 20                                       | 5 340          | 4 470    | 8 050              |             | 105         | 63                           | 41                      |                                                                                     |        |
|                       |                 | 6,0                   | 930              |                                          | 4 170          | 3 530    | 6 340              |             | 46          | 56                           | 35                      |                                                                                     |        |
|                       |                 | 5,0                   | 755              |                                          | 3 530          | 3 010    | 5 370              |             | 31          | 52                           | 31                      |                                                                                     |        |
|                       |                 | 4,0                   | 595              |                                          | 2 870          | 2 460    | 4 400              |             | 16          | 47                           | 26                      |                                                                                     |        |
|                       |                 | 2,0                   | 275              |                                          | 1 390          | 1 210    | 2 250              |             | 4           | 34                           | <15                     |                                                                                     |        |
|                       |                 |                       |                  |                                          |                |          |                    |             |             |                              |                         | 1000W                                                                               | 2000W  |
| 52J AC                | V5              |                       | 2075             |                                          | 8 830          | 7 860    | 10 800             | 321         |             | 64                           | 43                      | 1,4                                                                                 | 2,8    |
|                       | V4              |                       | 1900             |                                          | 8 330          | 7 360    | 10 200             | 293         |             | 62                           | 4                       | 1,5                                                                                 | 3,1    |
|                       | V3              |                       | 1630             |                                          | 7 540          | 6 570    | 9 310              | 268         |             | 58                           | 37                      | 1,8                                                                                 | 3,6    |
|                       | V2              |                       | 1255             | 20                                       | 6 330          | 5 390    | 7 830              | 232         |             | 52                           | 31                      | 2,3                                                                                 | 4,7    |
|                       | V1              |                       | 945              |                                          | 5 150          | 4 290    | 6 340              | 199         |             | 46                           | 25                      | 3,1                                                                                 | 6,2    |
| 52M AC                | V5              |                       | 1800             |                                          | 9 750          | 8 280    | 13 000             | 304         |             | 65                           | 43                      | 1,6                                                                                 | 3,3    |
|                       | V4              |                       | 1640             |                                          | 9 140          | 7 640    | 12 100             | 276         |             | 63                           | 41                      | 1,8                                                                                 | 3,6    |
|                       | V3              |                       | 1455             |                                          | 8 410          | 6 890    | 10 900             | 247         |             | 60                           | 38                      | 2,0                                                                                 | 4,0    |
|                       | V2              |                       | 1180             | 20                                       | 7 220          | 5 740    | 9 100              | 221         |             | 55                           | 33                      | 2,5                                                                                 | 5,0    |
|                       | V1              |                       | 905              |                                          | 5 870          | 4 510    | 7 070              | 191         |             | 50                           | 29                      | 3,2                                                                                 | 6,5    |
| 52J HEE               |                 | 10,0                  | 1580             |                                          | 7 540          | 6 660    | 8 710              |             | 162         | 63                           | 38                      | 1,9                                                                                 | 3,7    |
|                       |                 | 8,7                   | 1495             | 20                                       | 7 240          | 6 360    | 8 440              |             | 139         | 62                           | 37                      | 2,0                                                                                 | 3,9    |
|                       |                 | 8,0                   | 1450             |                                          | 7 080          | 6 200    | 8 300              |             | 126         | 61                           | 36                      | 2,0                                                                                 | 4,1    |
|                       |                 | 7,0                   | 1260             |                                          | 6 380          | 5 490    | 7 600              |             | 90          | 58                           | 33                      | 2,3                                                                                 | 4,7    |
|                       |                 | 6,0                   | 1075             |                                          | 5 660          | 4 790    | 6 860              |             | 52          | 54                           | 29                      | 2,7                                                                                 | 5,5    |
|                       |                 | 4,0                   | 710              |                                          | 4 060          | 3 310    | 5 050              |             | 19          | 46                           | 21                      | 4,1                                                                                 | 8,3    |
|                       |                 | 2,0                   | 365              |                                          | 2 140          | 1 730    | 2 850              |             | 5           | 31                           | <15                     | 8,1                                                                                 | 16,1   |
| 52M HEE               |                 | 10,0                  | 1450             |                                          | 8 580          | 7 000    | 11 300             |             | 165         | 65                           | 39                      | 2,0                                                                                 | 4,1    |
|                       |                 | 8,6                   | 1310             | 20                                       | 7 940          | 6 390    | 10 400             |             | 123         | 62                           | 37                      | 2,2                                                                                 | 4,5    |
|                       |                 | 8,0                   | 1260             |                                          | 7 680          | 6 140    | 9 990              |             | 106         | 61                           | 36                      | 2,3                                                                                 | 4,7    |
|                       |                 | 7,0                   | 1080             |                                          | 6 800          | 5 350    | 8 670              |             | 76          | 58                           | 33                      | 2,7                                                                                 | 5,4    |
|                       |                 | 6,0                   | 905              |                                          | 5 890          | 4 560    | 7 360              |             | 45          | 55                           | 30                      | 3,2                                                                                 | 6,5    |
|                       |                 | 4,0                   | 585              |                                          | 3 950          | 2 990    | 4 800              |             | 15          | 46                           | 21                      | 5,0                                                                                 | 10,1   |
|                       |                 | 2,0                   | 255              |                                          | 1 920          | 1 380    | 2 090              |             | 5           | 32                           | <15                     | 11,5                                                                                | 23,1   |
| 54R AC                | V5              |                       | 1800             |                                          | 9 220          | 7 770    | 12 500             | 304         |             | 65                           | 39                      |                                                                                     |        |
|                       | V4              |                       | 1640             |                                          | 8 640          | 7 170    | 11 900             | 276         |             | 63                           | 37                      |                                                                                     |        |
|                       | V3              |                       | 1455             |                                          | 7 950          | 6 490    | 11 100             | 247         |             | 60                           | 34                      |                                                                                     |        |
|                       | V2              |                       | 1180             | 20                                       | 6 820          | 5 430    | 9 780              | 221         |             | 55                           | 29                      |                                                                                     |        |
|                       | V1              |                       | 905              |                                          | 5 540          | 4 290    | 8 220              | 191         |             | 50                           | 25                      |                                                                                     |        |
| 54R HEE               |                 | 10,0                  | 1440             |                                          | 7 770          | 6 390    | 10 600             |             | 165         | 65                           | 39                      |                                                                                     |        |
|                       |                 | 9,0                   | 1335             |                                          | 7 390          | 6 030    | 10 200             |             | 134         | 63                           | 38                      |                                                                                     |        |
|                       |                 | 8,0                   | 1245             | 20                                       | 7 040          | 5 690    | 9 770              |             | 105         | 61                           | 36                      |                                                                                     |        |
|                       |                 | 7,0                   | 1070             |                                          | 633            | 5 040    | 8 920              |             | 76          | 58                           | 33                      |                                                                                     |        |
|                       |                 | 6,0                   | 900              |                                          | 5 560          | 4 360    | 8 010              |             | 44          | 54                           | 29                      |                                                                                     |        |
|                       |                 | 4,0                   | 580              |                                          | 3 830          | 2 930    | 5 940              |             | 15          | 45                           | 21                      |                                                                                     |        |
|                       |                 | 2,0                   | 250              |                                          | 1 910          | 1 380    | 3 030              |             | 5           | 32                           | <15                     |                                                                                     |        |
|                       |                 |                       |                  |                                          |                |          |                    |             |             |                              |                         | 1600 W                                                                              | 3200 W |
| 62J AC                | V5              |                       | 2685             |                                          | 11 500         | 10 300   | 14 800             | 405         |             | 70                           | 47                      | 1,8                                                                                 | 3,5    |
|                       | V4              |                       | 2320             | 20                                       | 10 300         | 9 060    | 13 000             | 376         |             | 64                           | 39                      | 2,0                                                                                 | 4,1    |
|                       | V3              |                       | 1645             |                                          | 7 840          | 6 630    | 9 370              | 315         |             | 54                           | 26                      | 2,9                                                                                 | 5,7    |
|                       | V2              |                       | 1115             |                                          | 5 610          | 4 590    | 6 420              | 259         |             | 46                           | 19                      | 4,2                                                                                 | 8,4    |
|                       | V1              |                       | 865              |                                          | 4 430          | 3 570    | 5 000              | 202         |             | 41                           | <15                     | 5,4                                                                                 | 10,9   |
| 62M AC                | V5              |                       | 2525             |                                          | 13 800         | 10 900   | 15 600             | 389         |             | 69                           | 47                      | 1,9                                                                                 | 3,7    |
|                       | V4              |                       | 2185             | 20                                       | 12 600         | 9 750    | 14 100             | 360         |             | 65                           | 40                      | 2,2                                                                                 | 4,3    |
|                       | V3              |                       | 1565             |                                          | 9 950          | 7 460    | 10 800             | 314         |             | 57                           | 29                      | 3,0                                                                                 | 6,0    |
|                       | V2              |                       | 1060             |                                          | 7 360          | 5 360    | 7 780              | 247         |             | 50                           | 23                      | 4,4                                                                                 | 8,9    |
|                       | V1              |                       | 800              |                                          | 5 810          | 4 170    | 6 020              | 197         |             | 42                           | 16                      | 5,9                                                                                 | 11,8   |

(1) Static pressures given for information purposes. For higher available static pressures, consult our sales office.

(2) Warning: the air supply temperature must not exceed 65°C (CIAT recommendation).

**Y model sound level:**

Values given as a guideline for devices with non-ducted return and with ducted discharge, and for room and installation attenuation of 14 dB (sizes 0 to 3), 16 dB (sizes 4 & 5) and 18 dB (size 6).

**Y MODEL (continued)**

| COMFORT<br>LINE™<br>Model Y | AC motor<br>speeds | HEE<br>motor<br>voltage<br>(V) | Air flow<br>in m³/h | Available<br>static<br>pressure <sup>(1)</sup> | Cooling cap. W |          | Heating<br>capacity<br>W | Power input   |                | Overall<br>sound<br>power LW<br>dB(A) | Comfort<br>level ISO<br>or NR | Average air temperature<br>rise in K <sup>(2)</sup> Auxiliary<br>electric heater 230/1/50 |        |
|-----------------------------|--------------------|--------------------------------|---------------------|------------------------------------------------|----------------|----------|--------------------------|---------------|----------------|---------------------------------------|-------------------------------|-------------------------------------------------------------------------------------------|--------|
|                             |                    |                                |                     |                                                | Total          | Sensible |                          | AC Motor<br>W | HEE motor<br>W |                                       |                               |                                                                                           |        |
|                             |                    |                                |                     |                                                |                |          |                          |               |                |                                       |                               | 1500 W                                                                                    | 3000 W |
| 62J HEE                     |                    | 10,0                           | 2370                |                                                | 10 700         | 9 450    | 13 000                   |               | 263            | 65                                    | 40                            | 1,9                                                                                       | 3,7    |
|                             |                    | 9,0                            | 2325                |                                                | 10 500         | 9 280    | 12 800                   |               | 250            | 65                                    | 39                            | 1,9                                                                                       | 3,8    |
|                             |                    | 7,7                            | 2225                | 20                                             | 10 100         | 8 900    | 12 300                   |               | 222            | 63                                    | 38                            | 2,0                                                                                       | 4,0    |
|                             |                    | 6,0                            | 1885                |                                                | 8 860          | 7 620    | 10 600                   |               | 133            | 59                                    | 32                            | 2,3                                                                                       | 4,7    |
|                             |                    | 5,0                            | 1620                |                                                | 7 780          | 6 600    | 9 210                    |               | 95             | 56                                    | 28                            | 2,7                                                                                       | 5,4    |
|                             |                    | 4,0                            | 1370                |                                                | 6 700          | 5 590    | 7 850                    |               | 56             | 52                                    | 24                            | 3,2                                                                                       | 6,4    |
|                             |                    | 2,0                            | 720                 |                                                | 3 700          | 2 950    | 4 190                    |               | 13             | 39                                    | <15                           | 6,1                                                                                       | 12,3   |
| 62M HEE                     |                    | 10,0                           | 2240                |                                                | 12 700         | 9 870    | 13 800                   |               | 262            | 66                                    | 40                            | 2,0                                                                                       | 3,9    |
|                             |                    | 9,0                            | 2210                |                                                | 12 600         | 9 760    | 13 600                   |               | 258            | 65                                    | 40                            | 2,0                                                                                       | 4,0    |
|                             |                    | 7,0                            | 1935                | 20                                             | 11 400         | 8 720    | 12 400                   |               | 187            | 62                                    | 36                            | 2,3                                                                                       | 4,6    |
|                             |                    | 6,0                            | 1700                |                                                | 10 400         | 7 810    | 11 400                   |               | 123            | 59                                    | 32                            | 2,6                                                                                       | 5,2    |
|                             |                    | 5,0                            | 1460                |                                                | 9 240          | 6 840    | 10 100                   |               | 88             | 56                                    | 27                            | 3,0                                                                                       | 6,0    |
|                             |                    | 4,0                            | 1225                |                                                | 8 060          | 5 880    | 8 810                    |               | 51             | 52                                    | 24                            | 3,6                                                                                       | 7,2    |
|                             |                    | 2,0                            | 655                 |                                                | 4 710          | 3 340    | 5 110                    |               | 12             | 38                                    | <15                           | 6,7                                                                                       | 13,5   |
| 64P AC                      | V5                 |                                | 2400                |                                                | 12 600         | 11 000   | 13 200                   | 375           |                | 67                                    | 44                            |                                                                                           |        |
|                             | V4                 |                                | 2125                |                                                | 11 500         | 9 910    | 12 400                   | 345           |                | 63                                    | 38                            |                                                                                           |        |
|                             | V3                 |                                | 1575                | 20                                             | 9 010          | 7 530    | 10 400                   | 308           |                | 56                                    | 28                            |                                                                                           |        |
|                             | V2                 |                                | 1070                |                                                | 6 420          | 5 210    | 8 190                    | 245           |                | 49                                    | 22                            |                                                                                           |        |
|                             | V1                 |                                | 790                 |                                                | 4 850          | 3 880    | 6 680                    | 196           |                | 41                                    | <15                           |                                                                                           |        |
| 64R AC                      | V5                 |                                | 2360                |                                                | 13 500         | 10 300   | 15 200                   | 382           |                | 70                                    | 47                            |                                                                                           |        |
|                             | V4                 |                                | 2060                | 20                                             | 12 200         | 9 230    | 14 300                   | 349           |                | 65                                    | 40                            |                                                                                           |        |
|                             | V3                 |                                | 1485                |                                                | 9 640          | 7 030    | 12 100                   | 311           |                | 56                                    | 28                            |                                                                                           |        |
|                             | V2                 |                                | 1010                |                                                | 7 120          | 5 070    | 9 710                    | 243           |                | 48                                    | 22                            |                                                                                           |        |
|                             | V1                 |                                | 770                 |                                                | 5 630          | 4 030    | 8 100                    | 194           |                | 44                                    | 17                            |                                                                                           |        |
| 64PHEE                      |                    | 10,0                           | 2240                |                                                | 11 900         | 10 300   | 12 800                   |               | 265            | 66                                    | 40                            |                                                                                           |        |
|                             |                    | 9,0                            | 2210                |                                                | 11 800         | 10 200   | 12 700                   |               | 258            | 65                                    | 40                            |                                                                                           |        |
|                             |                    | 7,0                            | 1935                | 20                                             | 10 600         | 8 980    | 11 800                   |               | 187            | 62                                    | 36                            |                                                                                           |        |
|                             |                    | 6,0                            | 1700                |                                                | 9 430          | 7 900    | 11 000                   |               | 123            | 59                                    | 32                            |                                                                                           |        |
|                             |                    | 5,0                            | 1455                |                                                | 8 270          | 6 810    | 10 100                   |               | 88             | 53                                    | 27                            |                                                                                           |        |
|                             |                    | 4,0                            | 1225                |                                                | 7 060          | 5 740    | 9 090                    |               | 51             | 52                                    | 24                            |                                                                                           |        |
|                             |                    | 2,0                            | 655                 |                                                | 3 900          | 3 070    | 5 960                    |               | 12             | 38                                    | <15                           |                                                                                           |        |
| 64R HEE                     |                    | 10,0                           | 2130                |                                                | 12 800         | 9 250    | 14 600                   |               | 269            | 66                                    | 42                            |                                                                                           |        |
|                             |                    | 9,0                            | 2130                |                                                | 12 800         | 9 250    | 14 600                   |               | 269            | 66                                    | 42                            |                                                                                           |        |
|                             |                    | 7,0                            | 1830                | 20                                             | 11 600         | 8 320    | 13 600                   |               | 190            | 63                                    | 38                            |                                                                                           |        |
|                             |                    | 6,0                            | 1555                |                                                | 10 300         | 7 350    | 12 600                   |               | 114            | 59                                    | 32                            |                                                                                           |        |
|                             |                    | 5,0                            | 1320                |                                                | 9 130          | 6 510    | 11 500                   |               | 81             | 56                                    | 27                            |                                                                                           |        |
|                             |                    | 4,0                            | 1090                |                                                | 7 870          | 5 580    | 10 300                   |               | 46             | 52                                    | 23                            |                                                                                           |        |
|                             |                    | 2,0                            | 535                 |                                                | 4 220          | 2 980    | 6 330                    |               | 10             | 38                                    | <15                           |                                                                                           |        |

(1) Static pressures given for information purposes. For higher available static pressures, consult our sales office.

(2) Warning: the air supply temperature must not exceed 65°C (CIAT recommendation).

**Y model sound level:**

Values given as a guideline for devices with non-ducted return and with ducted discharge, and for room and installation attenuation of 14 dB (sizes 0 to 3), 16 dB (sizes 4 & 5) and 18 dB (size 6).

## H MODEL

**Cooling temperature:** water temperature: 7/12°C, air intake temperature: 27°C - 19°C (WB).

**Heating temperature (2T):** water temperature: 45/40°C, air intake temperature: 20°C.

**Heating temperature (4T):** water temperature: 65/55°C, air intake temperature: 20°C.

| COMFORT<br>LINE™<br>H model | AC motor<br>speeds | HEE<br>motor<br>voltage<br>(V) | Air flow<br>in m³/h | Available<br>static<br>pressure <sup>(1)</sup> | Cooling cap. W |          | Heating<br>capacity<br>W | Power input   |                | Overall<br>sound<br>power LW<br>dB(A) | Comfort<br>level ISO<br>or NR | Average air temperature<br>rise in K <sup>(2)</sup> Auxiliary<br>electric heater 230/1/50 |       |
|-----------------------------|--------------------|--------------------------------|---------------------|------------------------------------------------|----------------|----------|--------------------------|---------------|----------------|---------------------------------------|-------------------------------|-------------------------------------------------------------------------------------------|-------|
|                             |                    |                                |                     |                                                | Total          | Sensible |                          | AC Motor<br>W | HEE motor<br>W |                                       |                               | 500W                                                                                      | 1000W |
| 02J_AC                      | V5                 |                                | 315                 |                                                | 1 810          | 1 480    | 2 060                    | 62            |                | 58                                    | 35                            | 4,7                                                                                       | 9,3   |
|                             | V4                 |                                | 270                 |                                                | 1 600          | 1 290    | 1 820                    | 42            |                | 54                                    | 31                            | 5,4                                                                                       | 10,9  |
|                             | V3                 |                                | 225                 | 40                                             | 1 380          | 1 100    | 1 560                    | 31            |                | 49                                    | 26                            | 6,5                                                                                       | 13,1  |
|                             | V2                 |                                | 160                 |                                                | 1 040          | 810      | 1 160                    | 20            |                | 41                                    | 18                            | 9,2                                                                                       | 18,4  |
|                             | V1                 |                                | 110                 |                                                | 878            | 625      | 871                      | 14            |                | 32                                    | <15                           | 13,4                                                                                      | 26,7  |
| 02J_HEE                     |                    | 10,0                           | 430                 |                                                | 2 200          | 1 870    | 2 750                    |               | 60             | 61                                    | 38                            | 3,4                                                                                       | 6,8   |
|                             |                    | 9,0                            | 380                 |                                                | 2 030          | 1 700    | 2 490                    |               | 48             | 58                                    | 36                            | 3,9                                                                                       | 7,7   |
|                             |                    | 8,0                            | 345                 |                                                | 1 880          | 1 550    | 2 290                    |               | 33             | 55                                    | 32                            | 4,3                                                                                       | 8,5   |
|                             |                    | 6,6                            | 280                 | 40                                             | 1 620          | 1 310    | 1 920                    |               | 22             | 50                                    | 27                            | 5,3                                                                                       | 10,5  |
|                             |                    | 5,0                            | 205                 |                                                | 1 270          | 993      | 1 450                    |               | 12             | 44                                    | 21                            | 7,2                                                                                       | 14,3  |
|                             |                    | 4,0                            | 165                 |                                                | 1 070          | 823      | 1 200                    |               | 7              | 37                                    | 15                            | 8,9                                                                                       | 17,8  |
|                             |                    | 2,0                            | 80                  |                                                | 566            | 420      | 610                      |               | 4              | 24                                    | <15                           | 18,4                                                                                      | 36,8  |
| 04P_AC                      | V5                 |                                | 315                 |                                                | 1 720          | 1 460    | 2 190                    | 62            |                | 58                                    | 35                            |                                                                                           |       |
|                             | V4                 |                                | 270                 |                                                | 1 490          | 1 250    | 1 970                    | 42            |                | 54                                    | 31                            |                                                                                           |       |
|                             | V3                 |                                | 225                 | 40                                             | 1 210          | 1 030    | 1 730                    | 31            |                | 49                                    | 26                            |                                                                                           |       |
|                             | V2                 |                                | 160                 |                                                | 883            | 744      | 1 340                    | 20            |                | 41                                    | 18                            |                                                                                           |       |
|                             | V1                 |                                | 110                 |                                                | 799            | 593      | 1 210                    | 14            |                | 32                                    | <15                           |                                                                                           |       |
| 04P_HEE                     |                    | 10,0                           | 430                 |                                                | 2 120          | 1 800    | 3 020                    |               | 60             | 61                                    | 38                            |                                                                                           |       |
|                             |                    | 9,0                            | 380                 |                                                | 1 930          | 1 630    | 2 760                    |               | 48             | 58                                    | 36                            |                                                                                           |       |
|                             |                    | 8,0                            | 345                 |                                                | 1 750          | 1 480    | 2 560                    |               | 33             | 55                                    | 32                            |                                                                                           |       |
|                             |                    | 6,6                            | 280                 | 40                                             | 1 460          | 1 230    | 2 180                    |               | 22             | 50                                    | 27                            |                                                                                           |       |
|                             |                    | 5,0                            | 205                 |                                                | 1 070          | 914      | 1 670                    |               | 12             | 44                                    | 21                            |                                                                                           |       |
|                             |                    | 4,0                            | 165                 |                                                | 875            | 748      | 1 400                    |               | 7              | 37                                    | 15                            |                                                                                           |       |
|                             |                    | 2,0                            | 80                  |                                                | 534            | 408      | 737                      |               | 4              | 24                                    | <15                           |                                                                                           |       |
| 22J_AC                      | V5                 |                                | 605                 |                                                | 2 840          | 2 100    | 3 390                    | 97            |                | 56                                    | 33                            | 2,4                                                                                       | 4,9   |
|                             | V4                 |                                | 565                 |                                                | 2 680          | 1 970    | 3 240                    | 79            |                | 55                                    | 31                            | 2,6                                                                                       | 5,2   |
|                             | V3                 |                                | 510                 | 40                                             | 2 400          | 1 770    | 2 970                    | 65            |                | 52                                    | 28                            | 2,9                                                                                       | 5,8   |
|                             | V2                 |                                | 355                 |                                                | 1 670          | 1 230    | 2 210                    | 40            |                | 44                                    | 20                            | 4,1                                                                                       | 8,3   |
|                             | V1                 |                                | 195                 |                                                | 857            | 654      | 1 320                    | 17            |                | 31                                    | <15                           | 7,5                                                                                       | 15,1  |
| 22M_AC                      | V5                 |                                | 565                 |                                                | 2 960          | 2 350    | 3 900                    | 96            |                | 57                                    | 33                            | 2,6                                                                                       | 5,2   |
|                             | V4                 |                                | 535                 |                                                | 2 810          | 2 230    | 3 740                    | 77            |                | 55                                    | 31                            | 2,7                                                                                       | 5,5   |
|                             | V3                 |                                | 480                 | 40                                             | 2 550          | 2 020    | 3 410                    | 65            |                | 53                                    | 29                            | 3,1                                                                                       | 6,1   |
|                             | V2                 |                                | 340                 |                                                | 1 830          | 1 460    | 2 510                    | 40            |                | 45                                    | 21                            | 4,3                                                                                       | 8,7   |
|                             | V1                 |                                | 190                 |                                                | 1 030          | 828      | 1 440                    | 17            |                | 32                                    | <15                           | 7,7                                                                                       | 15,5  |
| 22J_HEE                     |                    | 10,0                           | 730                 |                                                | 3 530          | 2 700    | 3 970                    |               | 103            | 59                                    | 36                            | 2,0                                                                                       | 4,0   |
|                             |                    | 8,0                            | 580                 |                                                | 2 800          | 2 120    | 3 370                    |               | 52             | 54                                    | 30                            | 2,5                                                                                       | 5,1   |
|                             |                    | 7,3                            | 525                 | 40                                             | 2 530          | 1 910    | 3 130                    |               | 44             | 51                                    | 28                            | 2,8                                                                                       | 5,6   |
|                             |                    | 6,0                            | 425                 |                                                | 2 040          | 1 540    | 2 670                    |               | 24             | 47                                    | 23                            | 3,5                                                                                       | 6,9   |
|                             |                    | 4,0                            | 280                 |                                                | 1 270          | 982      | 1 890                    |               | 9              | 37                                    | <15                           | 5,3                                                                                       | 10,5  |
|                             |                    | 3,0                            | 210                 |                                                | 878            | 711      | 1 470                    |               | 7              | 31                                    | <15                           | 7,0                                                                                       | 14,0  |
|                             |                    | 2,0                            | 140                 |                                                | 618            | 483      | 1 000                    |               | 4              | 23                                    | <15                           | 10,5                                                                                      | 21,0  |
| 22M_HEE                     |                    | 10,0                           | 645                 |                                                | 3 270          | 2 600    | 4 450                    |               | 98             | 60                                    | 37                            | 2,3                                                                                       | 4,6   |
|                             |                    | 7,8                            | 495                 | 40                                             | 2 590          | 2 040    | 3 550                    |               | 46             | 53                                    | 30                            | 3,0                                                                                       | 5,9   |
|                             |                    | 7,0                            | 440                 |                                                | 2 330          | 1 830    | 3 190                    |               | 36             | 51                                    | 27                            | 3,3                                                                                       | 6,7   |
|                             |                    | 6,0                            | 375                 |                                                | 2 010          | 1 580    | 2 760                    |               | 21             | 47                                    | 23                            | 3,9                                                                                       | 7,8   |
|                             |                    | 4,0                            | 240                 |                                                | 1 260          | 1 010    | 1 800                    |               | 8              | 38                                    | <15                           | 6,1                                                                                       | 12,3  |
|                             |                    | 3,0                            | 180                 |                                                | 1 020          | 799      | 1 390                    |               | 7              | 31                                    | <15                           | 8,2                                                                                       | 16,3  |
|                             |                    | 2,0                            | 135                 |                                                | 825            | 625      | 1 040                    |               | 4              | 23                                    | <15                           | 10,9                                                                                      | 21,8  |
| 24P_AC                      | V5                 |                                | 565                 |                                                | 2 820          | 2 340    | 4 040                    | 96            |                | 57                                    | 33                            |                                                                                           |       |
|                             | V4                 |                                | 535                 |                                                | 2 670          | 2 210    | 3 920                    | 77            |                | 55                                    | 31                            |                                                                                           |       |
|                             | V3                 |                                | 480                 | 40                                             | 2 410          | 1 980    | 3 680                    | 65            |                | 53                                    | 29                            |                                                                                           |       |
|                             | V2                 |                                | 340                 |                                                | 1 730          | 1 390    | 2 950                    | 40            |                | 45                                    | 21                            |                                                                                           |       |
|                             | V1                 |                                | 190                 |                                                | 904            | 729      | 1 890                    | 17            |                | 32                                    | <15                           |                                                                                           |       |
| 24P_HEE                     |                    | 10,0                           | 670                 |                                                | 3 110          | 2 680    | 4 580                    |               | 103            | 60                                    | 37                            |                                                                                           |       |
|                             |                    | 8,2                            | 545                 | 40                                             | 2 590          | 2 180    | 4 050                    |               | 57             | 55                                    | 31                            |                                                                                           |       |
|                             |                    | 7,0                            | 455                 |                                                | 2 210          | 1 840    | 3 630                    |               | 37             | 51                                    | 28                            |                                                                                           |       |
|                             |                    | 6,0                            | 390                 |                                                | 1 900          | 1 570    | 3 270                    |               | 22             | 47                                    | 24                            |                                                                                           |       |
|                             |                    | 4,0                            | 245                 |                                                | 1 220          | 984      | 2 340                    |               | 9              | 38                                    | <15                           |                                                                                           |       |
|                             |                    | 3,0                            | 190                 |                                                | 906            | 736      | 1 880                    |               | 7              | 32                                    | <15                           |                                                                                           |       |
|                             |                    | 2,0                            | 140                 |                                                | 723            | 563      | 1 450                    |               | 4              | 23                                    | <15                           |                                                                                           |       |

(1) Static pressures given for information purposes. For higher available static pressures, consult our sales office.

(2) Warning: the air supply temperature must not exceed 65°C (CIAT recommendation).

### H model sound level:

Values given as a guideline for devices with non-ducted return and with ducted discharge, and for room and installation attenuation of 18 dB (sizes 0 to 3), 20 dB (sizes 4 & 5) and 23 dB (size 6).



**H MODEL (continued)**

| COMFORT LINE™<br>Modèle H | Vitesses<br>moteur<br>AC | Tension<br>moteur<br>HEE (V) | Débit d'air<br>en m³/h | Pression<br>statique<br>disponible<br>(1) | P. frigorifique W |          | Puissance<br>calorifique<br>W | Puissance absorbée |                 | Puissance<br>acoustique<br>LW globale<br>dB(A) | Niveau de<br>confort<br>ISO<br>ou NR | Élévation moyenne de<br>température sur l'air en<br>K (2) Batterie électrique<br>d'appoint 230/1/50 |       |
|---------------------------|--------------------------|------------------------------|------------------------|-------------------------------------------|-------------------|----------|-------------------------------|--------------------|-----------------|------------------------------------------------|--------------------------------------|-----------------------------------------------------------------------------------------------------|-------|
|                           |                          |                              |                        |                                           | Totale            | Sensible |                               | Moteur AC<br>W     | moteur HEE<br>W |                                                |                                      | 700W                                                                                                | 1400W |
| 32J_AC                    | V5                       |                              | 790                    |                                           | 3 560             | 3 130    | 4 810                         | 106                |                 | 57                                             | 34                                   | 2,6                                                                                                 | 5,2   |
|                           | V4                       |                              | 670                    |                                           | 3 070             | 2 620    | 4 270                         | 101                |                 | 54                                             | 31                                   | 3,1                                                                                                 | 6,1   |
|                           | V3                       |                              | 585                    | 40                                        | 2 700             | 2 250    | 3 840                         | 99                 |                 | 51                                             | 28                                   | 3,5                                                                                                 | 7,0   |
|                           | V2                       |                              | 485                    |                                           | 2 270             | 1 830    | 3 310                         | 96                 |                 | 47                                             | 23                                   | 4,2                                                                                                 | 8,5   |
|                           | V1                       |                              | 390                    |                                           | 1 830             | 1 420    | 2 750                         | 91                 |                 | 42                                             | 19                                   | 5,3                                                                                                 | 10,6  |
| 32M_AC                    | V5                       |                              | 810                    |                                           | 4 260             | 3 120    | 5 460                         | 107                |                 | 58                                             | 35                                   | 2,5                                                                                                 | 5,1   |
|                           | V4                       |                              | 710                    |                                           | 3 770             | 2 720    | 4 940                         | 103                |                 | 55                                             | 32                                   | 2,9                                                                                                 | 5,8   |
|                           | V3                       |                              | 615                    | 40                                        | 3 280             | 2 350    | 4 380                         | 100                |                 | 52                                             | 29                                   | 3,3                                                                                                 | 6,7   |
|                           | V2                       |                              | 515                    |                                           | 2 790             | 1 990    | 3 800                         | 96                 |                 | 48                                             | 25                                   | 4,0                                                                                                 | 8,0   |
|                           | V1                       |                              | 425                    |                                           | 2 280             | 1 630    | 3 180                         | 91                 |                 | 44                                             | 21                                   | 4,8                                                                                                 | 9,7   |
| 32J_HEE                   |                          | 10,0                         | 985                    |                                           | 4 360             | 3 920    | 5 600                         |                    | 129             | 61                                             | 37                                   | 2,1                                                                                                 | 4,2   |
|                           |                          | 9,0                          | 875                    |                                           | 3 960             | 3 490    | 5 190                         |                    | 99              | 58                                             | 35                                   | 2,4                                                                                                 | 4,7   |
|                           |                          | 7,4                          | 710                    | 40                                        | 3 340             | 2 850    | 4 520                         |                    | 56              | 53                                             | 30                                   | 2,9                                                                                                 | 5,8   |
|                           |                          | 6,0                          | 560                    |                                           | 2 750             | 2 270    | 3 810                         |                    | 29              | 49                                             | 26                                   | 3,7                                                                                                 | 7,4   |
|                           |                          | 5,0                          | 465                    |                                           | 2 320             | 1 870    | 3 260                         |                    | 21              | 45                                             | 22                                   | 4,4                                                                                                 | 8,9   |
|                           |                          | 4,0                          | 370                    |                                           | 1 890             | 1 500    | 2 720                         |                    | 12              | 40                                             | 17                                   | 5,6                                                                                                 | 11,1  |
|                           |                          | 2,0                          | 210                    |                                           | 1 080             | 836      | 1 610                         |                    | 5               | 26                                             | <15                                  | 9,8                                                                                                 | 19,6  |
| 32M_HEE                   |                          | 10,0                         | 945                    |                                           | 4 770             | 3 780    | 6 210                         |                    | 123             | 61                                             | 37                                   | 2,2                                                                                                 | 4,4   |
|                           |                          | 9,0                          | 835                    |                                           | 4 310             | 3 400    | 5 710                         |                    | 95              | 58                                             | 35                                   | 2,5                                                                                                 | 4,9   |
|                           |                          | 7,8                          | 720                    | 40                                        | 3 770             | 2 950    | 5 110                         |                    | 61              | 55                                             | 32                                   | 2,9                                                                                                 | 5,7   |
|                           |                          | 6,0                          | 540                    |                                           | 2 930             | 2 280    | 4 060                         |                    | 29              | 49                                             | 26                                   | 3,8                                                                                                 | 7,6   |
|                           |                          | 5,0                          | 440                    |                                           | 2 420             | 1 880    | 3 400                         |                    | 21              | 45                                             | 22                                   | 4,7                                                                                                 | 9,4   |
|                           |                          | 4,0                          | 355                    |                                           | 1 940             | 1 520    | 2 780                         |                    | 12              | 40                                             | 17                                   | 5,8                                                                                                 | 11,6  |
|                           |                          | 2,0                          | 170                    |                                           | 1 040             | 787      | 1 360                         |                    | 5               | 27                                             | <15                                  | 12,1                                                                                                | 24,2  |
| 34P_AC                    | V5                       |                              | 735                    |                                           | 3 900             | 3 200    | 4 650                         | 103                |                 | 58                                             | 34                                   |                                                                                                     |       |
|                           | V4                       |                              | 655                    |                                           | 3 520             | 2 860    | 4 380                         | 99                 |                 | 55                                             | 32                                   |                                                                                                     |       |
|                           | V3                       |                              | 575                    | 40                                        | 3 110             | 2 520    | 4 090                         | 97                 |                 | 52                                             | 29                                   |                                                                                                     |       |
|                           | V2                       |                              | 490                    |                                           | 2 710             | 2 160    | 3 750                         | 94                 |                 | 49                                             | 26                                   |                                                                                                     |       |
|                           | V1                       |                              | 410                    |                                           | 2 270             | 1 800    | 3 350                         | 90                 |                 | 45                                             | 22                                   |                                                                                                     |       |
| 34P_HEE                   |                          | 10,0                         | 945                    |                                           | 4 670             | 3 920    | 5 380                         |                    | 123             | 61                                             | 37                                   |                                                                                                     |       |
|                           |                          | 9,0                          | 835                    |                                           | 4 190             | 3 490    | 5 020                         |                    | 95              | 58                                             | 35                                   |                                                                                                     |       |
|                           |                          | 7,8                          | 720                    | 40                                        | 3 620             | 2 990    | 4 580                         |                    | 61              | 55                                             | 32                                   |                                                                                                     |       |
|                           |                          | 6,0                          | 540                    |                                           | 2 760             | 2 250    | 3 820                         |                    | 29              | 49                                             | 26                                   |                                                                                                     |       |
|                           |                          | 5,0                          | 440                    |                                           | 2 260             | 1 830    | 3 340                         |                    | 21              | 45                                             | 22                                   |                                                                                                     |       |
|                           |                          | 4,0                          | 355                    |                                           | 1 780             | 1 450    | 2 850                         |                    | 12              | 40                                             | 17                                   |                                                                                                     |       |
|                           |                          | 2,0                          | 170                    |                                           | 875               | 694      | 1 600                         |                    | 5               | 27                                             | <15                                  |                                                                                                     |       |
|                           |                          |                              |                        |                                           |                   |          |                               |                    |                 |                                                |                                      | 700W                                                                                                | 1400W |
| 42J_AC                    | V5                       |                              | 995                    |                                           | 4 510             | 3 800    | 5 650                         | 121                |                 | 58                                             | 32                                   | 2,1                                                                                                 | 4,1   |
|                           | V4                       |                              | 805                    | 40                                        | 3 740             | 3 130    | 4 880                         | 114                |                 | 53                                             | 27                                   | 2,6                                                                                                 | 5,1   |
|                           | V3                       |                              | 655                    |                                           | 3 110             | 2 600    | 4 190                         | 108                |                 | 48                                             | 23                                   | 3,1                                                                                                 | 6,3   |
|                           | V2                       |                              | 540                    |                                           | 2 580             | 2 160    | 3 590                         | 102                |                 | 44                                             | 18                                   | 3,8                                                                                                 | 7,6   |
|                           | V1                       |                              | 430                    |                                           | 2 040             | 1 720    | 2 970                         | 94                 |                 | 40                                             | <15                                  | 4,8                                                                                                 | 9,6   |
| 42M_AC                    | V5                       |                              | 965                    |                                           | 5 160             | 4 020    | 5 990                         | 121                |                 | 58                                             | 32                                   | 2,1                                                                                                 | 4,3   |
|                           | V4                       |                              | 785                    | 40                                        | 4 320             | 3 280    | 4 920                         | 114                |                 | 53                                             | 28                                   | 2,6                                                                                                 | 5,2   |
|                           | V3                       |                              | 670                    |                                           | 3 770             | 2 830    | 4 240                         | 109                |                 | 50                                             | 24                                   | 3,1                                                                                                 | 6,1   |
|                           | V2                       |                              | 540                    |                                           | 3 100             | 2 290    | 3 440                         | 104                |                 | 45                                             | 20                                   | 3,8                                                                                                 | 7,6   |
|                           | V1                       |                              | 450                    |                                           | 2 610             | 1 910    | 2 890                         | 94                 |                 | 41                                             | 16                                   | 4,6                                                                                                 | 9,2   |
| 42J_HEE                   |                          | 10,0                         | 1250                   |                                           | 5 300             | 4 500    | 6 940                         |                    | 158             | 62                                             | 36                                   | 1,6                                                                                                 | 3,3   |
|                           |                          | 9,0                          | 1110                   |                                           | 4 850             | 4 120    | 6 370                         |                    | 121             | 59                                             | 33                                   | 1,9                                                                                                 | 3,7   |
|                           |                          | 7,7                          | 965                    | 40                                        | 4 340             | 3 670    | 5 720                         |                    | 80              | 56                                             | 30                                   | 2,1                                                                                                 | 4,3   |
|                           |                          | 6,0                          | 745                    |                                           | 3 520             | 2 980    | 4 670                         |                    | 38              | 50                                             | 25                                   | 2,8                                                                                                 | 5,5   |
|                           |                          | 5,0                          | 605                    |                                           | 2 950             | 2 500    | 3 930                         |                    | 27              | 46                                             | 21                                   | 3,4                                                                                                 | 6,8   |
|                           |                          | 4,0                          | 485                    |                                           | 2 390             | 2 040    | 3 240                         |                    | 14              | 41                                             | 16                                   | 4,2                                                                                                 | 8,5   |
|                           |                          | 2,0                          | 230                    |                                           | 1 220             | 1 040    | 1 660                         |                    | 4               | 29                                             | <15                                  | 9,0                                                                                                 | 17,9  |
| 42M_HEE                   |                          | 10,0                         | 1235                   |                                           | 6 270             | 5 190    | 7 440                         |                    | 157             | 62                                             | 36                                   | 1,7                                                                                                 | 3,3   |
|                           |                          | 9,0                          | 1100                   |                                           | 5 730             | 4 680    | 6 660                         |                    | 120             | 59                                             | 33                                   | 1,9                                                                                                 | 3,7   |
|                           |                          | 7,6                          | 940                    | 40                                        | 5 040             | 4 050    | 5 730                         |                    | 77              | 56                                             | 30                                   | 2,2                                                                                                 | 4,4   |
|                           |                          | 6,0                          | 740                    |                                           | 4 130             | 3 250    | 4 540                         |                    | 38              | 50                                             | 25                                   | 2,8                                                                                                 | 5,6   |
|                           |                          | 5,0                          | 600                    |                                           | 3 460             | 2 680    | 3 680                         |                    | 27              | 46                                             | 21                                   | 3,4                                                                                                 | 6,9   |
|                           |                          | 4,0                          | 480                    |                                           | 2 810             | 2 160    | 2 930                         |                    | 14              | 41                                             | 16                                   | 4,3                                                                                                 | 8,6   |
|                           |                          | 2,0                          | 230                    |                                           | 1 450             | 1 080    | 1 370                         |                    | 4               | 28                                             | <15                                  | 9,0                                                                                                 | 17,9  |
| 44P_AC                    | V5                       |                              | 965                    |                                           | 4 440             | 3 890    | 6 090                         | 121                |                 | 58                                             | 32                                   |                                                                                                     |       |
|                           | V4                       |                              | 785                    | 40                                        | 3 850             | 3 300    | 5 280                         | 114                |                 | 53                                             | 28                                   |                                                                                                     |       |
|                           | V3                       |                              | 670                    |                                           | 3 450             | 2 910    | 4 730                         | 109                |                 | 50                                             | 24                                   |                                                                                                     |       |
|                           | V2                       |                              | 540                    |                                           | 2 940             | 2 430    | 4 040                         | 104                |                 | 45                                             | 20                                   |                                                                                                     |       |
|                           | V1                       |                              | 450                    |                                           | 2 560             | 2 080    | 3 530                         | 94                 |                 | 41                                             | 16                                   |                                                                                                     |       |

(1) Static pressures given for information purposes. For higher available static pressures, consult our sales office.

(2) Warning: the air supply temperature must not exceed 65°C (CIAT recommendation).

**H model sound level:**

Values given as a guideline for devices with non-ducted return and with ducted discharge, and for room and installation attenuation of 18 dB (sizes 0 to 3), 20 dB (sizes 4 & 5) and 23 dB (size 6).



**H MODEL (continued)**

| COMFORT<br>LINE™<br>H model | AC motor<br>speeds | HEE<br>motor<br>voltage<br>(V) | Air flow<br>in m³/h | Available<br>static<br>pressure <sup>(1)</sup> | Cooling cap. W |          | Heating<br>capacity<br>W | Power input   |                | Overall<br>sound<br>power LW<br>dB(A) | Comfort<br>level ISO<br>or NR | Average air temperature<br>rise in K <sup>(2)</sup> Auxiliary<br>electric heater 230/1/50 |       |
|-----------------------------|--------------------|--------------------------------|---------------------|------------------------------------------------|----------------|----------|--------------------------|---------------|----------------|---------------------------------------|-------------------------------|-------------------------------------------------------------------------------------------|-------|
|                             |                    |                                |                     |                                                | Total          | Sensible |                          | AC Motor<br>W | HEE motor<br>W |                                       |                               | 700W                                                                                      | 1400W |
|                             |                    |                                |                     |                                                |                |          |                          |               |                |                                       |                               | 700W                                                                                      | 1400W |
| 44P_HEE                     |                    | 10,0                           | 1280                |                                                | 5 440          | 4 560    | 8 120                    |               | 161            | 62                                    | 36                            |                                                                                           |       |
|                             |                    | 9,0                            | 1150                |                                                | 4 990          | 4 200    | 7 470                    |               | 124            | 59                                    | 34                            |                                                                                           |       |
|                             |                    | 8,0                            | 1045                | 40                                             | 4 620          | 3 900    | 6 950                    |               | 89             | 57                                    | 31                            |                                                                                           |       |
|                             |                    | 6,0                            | 775                 |                                                | 3 600          | 3 070    | 5 460                    |               | 40             | 50                                    | 25                            |                                                                                           |       |
|                             |                    | 5,0                            | 630                 |                                                | 3 020          | 2 590    | 4 600                    |               | 28             | 46                                    | 21                            |                                                                                           |       |
|                             |                    | 4,0                            | 500                 |                                                | 2 460          | 2 120    | 3 780                    |               | 14             | 42                                    | 16                            |                                                                                           |       |
|                             |                    | 2,0                            | 240                 |                                                | 1 180          | 1 030    | 1 960                    |               | 4              | 29                                    | <15                           |                                                                                           |       |
|                             |                    |                                |                     |                                                |                |          |                          |               |                |                                       |                               | 1000W                                                                                     | 2000W |
| 52J_AC                      | V5                 |                                | 1 740               |                                                | 7 870          | 6 900    | 9 690                    | 289           |                | 62                                    | 36                            | 1,7                                                                                       | 3,4   |
|                             | V4                 |                                | 1 630               |                                                | 7 540          | 6 560    | 9 320                    | 263           |                | 60                                    | 34                            | 1,8                                                                                       | 3,6   |
|                             | V3                 |                                | 1 460               |                                                | 7 000          | 6 040    | 8 680                    | 245           |                | 57                                    | 31                            | 2,0                                                                                       | 4,0   |
|                             | V2                 |                                | 1 190               | 40                                             | 6 080          | 5 150    | 7 540                    | 218           |                | 52                                    | 26                            | 2,5                                                                                       | 4,9   |
|                             | V1                 |                                | 900                 |                                                | 4 970          | 4 130    | 6 110                    | 195           |                | 46                                    | 20                            | 3,3                                                                                       | 6,5   |
| 52M_AC                      | V5                 |                                | 1 545               |                                                | 8 780          | 7 270    | 11 500                   | 273           |                | 62                                    | 36                            | 1,9                                                                                       | 3,8   |
|                             | V4                 |                                | 1 435               |                                                | 8 330          | 6 810    | 10 800                   | 249           |                | 60                                    | 34                            | 2,0                                                                                       | 4,1   |
|                             | V3                 |                                | 1 300               |                                                | 7 750          | 6 240    | 9 930                    | 227           |                | 58                                    | 32                            | 2,3                                                                                       | 4,5   |
|                             | V2                 |                                | 1 085               | 40                                             | 6 770          | 5 320    | 8 420                    | 208           |                | 54                                    | 28                            | 2,7                                                                                       | 5,4   |
|                             | V1                 |                                | 835                 |                                                | 5 490          | 4 190    | 6 540                    | 186           |                | 49                                    | 23                            | 3,5                                                                                       | 7,0   |
| 52J_HEE                     |                    | 10,0                           | 1 415               |                                                | 6 990          | 6 110    | 8 130                    |               | 166            | 60                                    | 35                            | 2,1                                                                                       | 4,2   |
|                             |                    | 8,7                            | 1 275               | 40                                             | 6 460          | 5 580    | 7 640                    |               | 125            | 58                                    | 33                            | 2,3                                                                                       | 4,6   |
|                             |                    | 8,0                            | 1 220               |                                                | 6 250          | 5 370    | 7 430                    |               | 107            | 57                                    | 32                            | 2,4                                                                                       | 4,8   |
|                             |                    | 7,0                            | 1 055               |                                                | 5 590          | 4 720    | 6 730                    |               | 79             | 54                                    | 29                            | 2,8                                                                                       | 5,6   |
|                             |                    | 6,0                            | 900                 |                                                | 4 940          | 4 110    | 6 050                    |               | 46             | 50                                    | 25                            | 3,3                                                                                       | 6,5   |
|                             |                    | 4,0                            | 605                 |                                                | 3 530          | 2 850    | 4 420                    |               | 17             | 42                                    | 17                            | 4,9                                                                                       | 9,7   |
|                             |                    | 2,0                            | 315                 |                                                | 1 810          | 1 480    | 2 480                    |               | 5              | 27                                    | <15                           | 9,3                                                                                       | 18,7  |
| 52M_HEE                     |                    | 10,0                           | 1 270               |                                                | 7 780          | 6 250    | 10 000                   |               | 163            | 62                                    | 36                            | 2,3                                                                                       | 4,6   |
|                             |                    | 8,6                            | 1 105               | 40                                             | 6 950          | 5 490    | 8 810                    |               | 113            | 58                                    | 33                            | 2,7                                                                                       | 5,3   |
|                             |                    | 8,0                            | 1 045               |                                                | 6 660          | 5 230    | 8 400                    |               | 93             | 57                                    | 32                            | 2,8                                                                                       | 5,6   |
|                             |                    | 7,0                            | 900                 |                                                | 5 890          | 4 560    | 7 290                    |               | 68             | 54                                    | 29                            | 3,3                                                                                       | 6,5   |
|                             |                    | 6,0                            | 765                 |                                                | 5 080          | 3 890    | 6 230                    |               | 40             | 50                                    | 25                            | 3,8                                                                                       | 7,7   |
|                             |                    | 4,0                            | 495                 |                                                | 3 320          | 2 520    | 4 070                    |               | 14             | 42                                    | 17                            | 5,9                                                                                       | 11,9  |
|                             |                    | 2,0                            | 220                 |                                                | 1 720          | 1 220    | 1 810                    |               | 5              | 28                                    | <15                           | 13,4                                                                                      | 26,7  |

(1) Static pressures given for information purposes. For higher available static pressures, consult our sales office.

(2) Warning: the air supply temperature must not exceed 65°C (CIAT recommendation).

**H model sound level:**

Values given as a guideline for devices with non-ducted return and with ducted discharge, and for room and installation attenuation of 18 dB (sizes 0 to 3), 20 dB (sizes 4 & 5) and 23 dB (size 6).

**H MODEL (continued)**

| COMFORT<br>LINE™<br>Modèle H | Vitesses<br>moteur<br>AC | Tension<br>moteur<br>HEE (V) | Débit d'air<br>en m³/h | Pression<br>statique<br>disponible<br>(1) | P. frigorifique W |          | Puissance<br>calorifique<br>W | Puissance absorbée |                 | Puissance<br>acoustique<br>LW globale<br>dB(A) | Niveau de<br>confort<br>ISO<br>ou NR | Elévation moyenne de<br>température sur l'air en<br>K <sup>(2)</sup> Batterie électrique<br>d'appoint 230/1/50 |       |
|------------------------------|--------------------------|------------------------------|------------------------|-------------------------------------------|-------------------|----------|-------------------------------|--------------------|-----------------|------------------------------------------------|--------------------------------------|----------------------------------------------------------------------------------------------------------------|-------|
|                              |                          |                              |                        |                                           | Totale            | Sensible |                               | Moteur AC<br>W     | moteur HEE<br>W |                                                |                                      |                                                                                                                |       |
|                              |                          |                              |                        |                                           |                   |          |                               |                    |                 |                                                |                                      | 1000W                                                                                                          | 2000W |
| 54R_AC                       | V5                       |                              | 1545                   | 40                                        | 8 300             | 6 830    | 11 500                        | 273                |                 | 62                                             | 36                                   |                                                                                                                |       |
|                              | V4                       |                              | 1440                   |                                           | 4 890             | 6 430    | 11 000                        | 249                |                 | 60                                             | 34                                   |                                                                                                                |       |
|                              | V3                       |                              | 1300                   |                                           | 7 320             | 5 890    | 10 400                        | 227                |                 | 58                                             | 32                                   |                                                                                                                |       |
|                              | V2                       |                              | 1085                   |                                           | 6 400             | 5 040    | 9 280                         | 208                |                 | 54                                             | 28                                   |                                                                                                                |       |
|                              | V1                       |                              | 835                    |                                           | 5 190             | 3 990    | 7 790                         | 186                |                 | 49                                             | 23                                   |                                                                                                                |       |
| 54R_HEE                      |                          | 10,0                         | 1235                   | 40                                        | 7 050             | 5 710    | 9 680                         |                    | 161             | 62                                             | 36                                   |                                                                                                                |       |
|                              |                          | 9,0                          | 1105                   |                                           | 6 520             | 5 220    | 9 070                         |                    | 124             | 59                                             | 34                                   |                                                                                                                |       |
|                              |                          | 8,0                          | 1005                   |                                           | 6 080             | 4 820    | 8 590                         |                    | 90              | 57                                             | 32                                   |                                                                                                                |       |
|                              |                          | 7,0                          | 865                    |                                           | 5 440             | 4 250    | 7 810                         |                    | 66              | 54                                             | 29                                   |                                                                                                                |       |
|                              |                          | 6,0                          | 735                    |                                           | 4 750             | 3 670    | 7 030                         |                    | 39              | 50                                             | 25                                   |                                                                                                                |       |
|                              |                          | 4,0                          | 480                    |                                           | 3 140             | 2 410    | 5 130                         |                    | 14              | 41                                             | 16                                   |                                                                                                                |       |
|                              |                          | 2,0                          | 215                    |                                           | 1 690             | 1 200    | 2 610                         |                    | 5               | 28                                             | <15                                  |                                                                                                                |       |
|                              |                          |                              |                        |                                           |                   |          |                               |                    |                 |                                                |                                      | 1600W                                                                                                          | 3200W |
| 62J_AC                       | V5                       |                              | 2 430                  | 40                                        | 10 700            | 9 450    | 13 500                        | 385                |                 | 63                                             | 38                                   | 1,9                                                                                                            | 3,9   |
|                              | V4                       |                              | 2 165                  |                                           | 9 760             | 8 500    | 12 100                        | 356                |                 | 59                                             | 31                                   | 2,2                                                                                                            | 4,3   |
|                              | V3                       |                              | 1 600                  |                                           | 7 650             | 6 450    | 9 120                         | 309                |                 | 51                                             | 26                                   | 2,9                                                                                                            | 5,9   |
|                              | V2                       |                              | 1 080                  |                                           | 5 450             | 4 460    | 6 210                         | 258                |                 | 43                                             | 16                                   | 4,4                                                                                                            | 8,7   |
|                              | V1                       |                              | 815                    |                                           | 4 220             | 3 380    | 4 720                         | 201                |                 | 38                                             | <15                                  | 5,8                                                                                                            | 11,5  |
| 62M_AC                       | V5                       |                              | 2 270                  | 40                                        | 12 900            | 10 100   | 14 500                        | 372                |                 | 63                                             | 38                                   | 2,1                                                                                                            | 4,1   |
|                              | V4                       |                              | 2 020                  |                                           | 11 900            | 9 170    | 13 300                        | 342                |                 | 59                                             | 31                                   | 2,3                                                                                                            | 4,7   |
|                              | V3                       |                              | 1 510                  |                                           | 9 680             | 7 230    | 10 500                        | 306                |                 | 53                                             | 25                                   | 3,1                                                                                                            | 6,2   |
|                              | V2                       |                              | 13 025                 |                                           | 7 170             | 5 210    | 7 550                         | 245                |                 | 46                                             | 19                                   | 0,4                                                                                                            | 0,7   |
|                              | V1                       |                              | 755                    |                                           | 5 540             | 3 980    | 5 710                         | 196                |                 | 38                                             | <15                                  | 6,2                                                                                                            | 12,5  |
|                              |                          |                              |                        |                                           |                   |          |                               |                    |                 |                                                |                                      | 1500W                                                                                                          | 3000W |
| 62J_HEE                      |                          | 10,0                         | 2 265                  | 40                                        | 10 300            | 9 080    | 12 500                        |                    | 266             | 65                                             | 38                                   | 1,9                                                                                                            | 3,9   |
|                              |                          | 9,0                          | 2 200                  |                                           | 10 100            | 8 830    | 12 200                        |                    | 246             | 65                                             | 37                                   | 2,0                                                                                                            | 4,0   |
|                              |                          | 7,7                          | 2 075                  |                                           | 9 590             | 8 360    | 11 500                        |                    | 212             | 63                                             | 35                                   | 2,1                                                                                                            | 4,3   |
|                              |                          | 6,0                          | 1 755                  |                                           | 8 330             | 7 120    | 9 890                         |                    | 127             | 59                                             | 31                                   | 2,5                                                                                                            | 5,0   |
|                              |                          | 5,0                          | 1 500                  |                                           | 7 290             | 6 130    | 8 550                         |                    | 90              | 56                                             | 28                                   | 2,9                                                                                                            | 5,9   |
|                              |                          | 4,0                          | 1 270                  |                                           | 6 280             | 5 200    | 7 300                         |                    | 53              | 52                                             | 24                                   | 3,5                                                                                                            | 6,9   |
|                              |                          | 2,0                          | 670                    |                                           | 3 460             | 2 760    | 3 920                         |                    | 13              | 39                                             | <15                                  | 6,6                                                                                                            | 13,2  |
| 62M_HEE                      |                          | 10,0                         | 1 965                  | 40                                        | 11 600            | 8 900    | 12 500                        |                    | 260             | 63                                             | 35                                   | 2,2                                                                                                            | 4,5   |
|                              |                          | 9,0                          | 1 805                  |                                           | 10 900            | 8 280    | 11 800                        |                    | 228             | 63                                             | 34                                   | 2,4                                                                                                            | 4,9   |
|                              |                          | 7,0                          | 1 685                  |                                           | 10 400            | 7 810    | 11 200                        |                    | 178             | 60                                             | 31                                   | 2,6                                                                                                            | 5,2   |
|                              |                          | 6,0                          | 1 475                  |                                           | 9 350             | 6 940    | 10 200                        |                    | 116             | 57                                             | 28                                   | 3,0                                                                                                            | 6,0   |
|                              |                          | 5,0                          | 1 260                  |                                           | 8 260             | 6 040    | 8 970                         |                    | 83              | 53                                             | 25                                   | 3,5                                                                                                            | 7,0   |
|                              |                          | 4,0                          | 1 060                  |                                           | 7 170             | 5 180    | 7 810                         |                    | 48              | 49                                             | 22                                   | 4,2                                                                                                            | 8,3   |
|                              |                          | 2,0                          | 565                    |                                           | 4 090             | 2 890    | 4 440                         |                    | 12              | 36                                             | <15                                  | 7,8                                                                                                            | 15,6  |
| 64P_AC                       | V5                       |                              | 2 050                  | 40                                        | 11 200            | 9 600    | 12 100                        | 347                |                 | 62                                             | 35                                   |                                                                                                                |       |
|                              | V4                       |                              | 1 870                  |                                           | 10 400            | 8 810    | 11 500                        | 316                |                 | 59                                             | 30                                   |                                                                                                                |       |
|                              | V3                       |                              | 1 490                  |                                           | 8 590             | 7 140    | 10 100                        | 291                |                 | 53                                             | 25                                   |                                                                                                                |       |
|                              | V2                       |                              | 1 035                  |                                           | 6 230             | 5 040    | 8 020                         | 241                |                 | 46                                             | 19                                   |                                                                                                                |       |
|                              | V1                       |                              | 740                    |                                           | 4 580             | 3 650    | 6 380                         | 195                |                 | 38                                             | <15                                  |                                                                                                                |       |
| 64R_AC                       | V5                       |                              | 2 120                  | 40                                        | 12 500            | 9 450    | 14 500                        | 363                |                 | 63                                             | 37                                   |                                                                                                                |       |
|                              | V4                       |                              | 1 890                  |                                           | 11 500            | 8 600    | 13 800                        | 332                |                 | 60                                             | 32                                   |                                                                                                                |       |
|                              | V3                       |                              | 1 430                  |                                           | 9 390             | 6 830    | 11 900                        | 305                |                 | 52                                             | 25                                   |                                                                                                                |       |
|                              | V2                       |                              | 975                    |                                           | 6 910             | 4 920    | 9 480                         | 240                |                 | 45                                             | 18                                   |                                                                                                                |       |
|                              | V1                       |                              | 720                    |                                           | 5 330             | 3 820    | 7 730                         | 194                |                 | 40                                             | <15                                  |                                                                                                                |       |
| 64P_HEE                      |                          | 10,0                         | 1965                   | 40                                        | 10 800            | 9 180    | 11 900                        |                    | 260             | 63                                             | 35                                   |                                                                                                                |       |
|                              |                          | 9,0                          | 1805                   |                                           | 10 000            | 8 430    | 11 400                        |                    | 228             | 63                                             | 34                                   |                                                                                                                |       |
|                              |                          | 7,0                          | 1685                   |                                           | 9 420             | 7 900    | 11 000                        |                    | 178             | 60                                             | 31                                   |                                                                                                                |       |
|                              |                          | 6,0                          | 1475                   |                                           | 8 380             | 6 920    | 10 200                        |                    | 116             | 57                                             | 28                                   |                                                                                                                |       |
|                              |                          | 5,0                          | 1260                   |                                           | 7 260             | 5 910    | 9 220                         |                    | 83              | 53                                             | 25                                   |                                                                                                                |       |
|                              |                          | 4,0                          | 1060                   |                                           | 6 210             | 5000     | 8 290                         |                    | 48              | 49                                             | 22                                   |                                                                                                                |       |
|                              |                          | 2,0                          | 565                    |                                           | 3330              | 2620     | 5320                          |                    | 12              | 36                                             | <15                                  |                                                                                                                |       |
| 64R_HEE                      |                          | 10,0                         | 1870                   | 40                                        | 11 800            | 8 500    | 13 700                        |                    | 257             | 64                                             | 36                                   |                                                                                                                |       |
|                              |                          | 9,0                          | 1875                   |                                           | 11 800            | 8 500    | 13 700                        |                    | 257             | 64                                             | 36                                   |                                                                                                                |       |
|                              |                          | 7,0                          | 1610                   |                                           | 10 600            | 7 610    | 12 800                        |                    | 183             | 60                                             | 32                                   |                                                                                                                |       |
|                              |                          | 6,0                          | 1360                   |                                           | 9 360             | 6 680    | 11 700                        |                    | 107             | 57                                             | 28                                   |                                                                                                                |       |
|                              |                          | 5,0                          | 1150                   |                                           | 8 230             | 5 850    | 10 600                        |                    | 76              | 53                                             | 25                                   |                                                                                                                |       |
|                              |                          | 4,0                          | 955                    |                                           | 7 070             | 5010     | 9 520                         |                    | 43              | 49                                             | 21                                   |                                                                                                                |       |
|                              |                          | 2,0                          | 475                    |                                           | 3750              | 2640     | 5730                          |                    | 10              | 36                                             | <15                                  |                                                                                                                |       |

(1) Static pressures given for information purposes. For higher available static pressures, consult our sales office.

(2) Warning: the air supply temperature must not exceed 65°C (CIAT recommendation).

**H model sound level:**

Values given as a guideline for devices with non-ducted return and with ducted discharge, and for room and installation attenuation of 18 dB (sizes 0 to 3), 20 dB (sizes 4 & 5) and 23 dB (size 6).

## U and U Compact MODELS (U Compact sizes 0 to 2 only)

**Cooling temperature:** water temperature: 7/12°C, air intake temperature: 27°C - 19°C (WB).

**Heating temperature (2T):** water temperature: 45/40°C, air intake temperature: 20°C.

**Heating temperature (4T):** water temperature: 65/55°C, air intake temperature: 20°C.

| COMFORT LINE™<br>U model | AC motor speeds | HEE motor voltage (V) | Air flow in m³/h | Available static pressure <sup>(1)</sup> | Cooling cap. W |          | Heating capacity W | Power input |             | Overall sound power LW dB(A) | Comfort level ISO or NR | Average air temperature rise in K <sup>(2)</sup> Auxiliary electric heater 230/1/50 |       |
|--------------------------|-----------------|-----------------------|------------------|------------------------------------------|----------------|----------|--------------------|-------------|-------------|------------------------------|-------------------------|-------------------------------------------------------------------------------------|-------|
|                          |                 |                       |                  |                                          | Total          | Sensible |                    | AC Motor W  | HEE motor W |                              |                         | 500W                                                                                | 1000W |
| 02J_AC                   | V5              |                       | 260              |                                          | 1 580          | 1 270    | 1 750              | 58          |             | 59                           | 36                      | 5,7                                                                                 | 11,3  |
|                          | V4              |                       | 230              |                                          | 1 400          | 1 120    | 1 570              | 39          |             | 55                           | 32                      | 6,4                                                                                 | 12,8  |
|                          | V3              |                       | 195              | 50                                       | 1 230          | 966      | 1 370              | 29          |             | 51                           | 27                      | 7,5                                                                                 | 15,1  |
|                          | V2              |                       | 140              |                                          | 926            | 713      | 1 020              | 19          |             | 43                           | 19                      | 10,5                                                                                | 21,0  |
|                          | V1              |                       | 100              |                                          | 772            | 550      | 764                | 13          |             | 34                           | <15                     | 14,7                                                                                | 29,4  |
| 02J_HEE                  |                 | 10,0                  | 300              |                                          | 1 750          | 1 430    | 1 990              |             | 72          | 59                           | 36                      | 4,9                                                                                 | 9,8   |
|                          |                 | 9,0                   | 265              |                                          | 1 570          | 1 260    | 1 810              |             | 38          | 56                           | 33                      | 5,5                                                                                 | 11,1  |
|                          |                 | 8,0                   | 240              |                                          | 1 470          | 1 170    | 1 660              |             | 37          | 56                           | 33                      | 6,1                                                                                 | 12,3  |
|                          |                 | 6,6                   | 195              | 50                                       | 1 240          | 965      | 1 390              |             | 18          | 48                           | 24                      | 7,5                                                                                 | 15,1  |
|                          |                 | 5,0                   | 145              |                                          | 951            | 725      | 1 040              |             | 11          | 41                           | 17                      | 10,1                                                                                | 20,3  |
|                          |                 | 4,0                   | 120              |                                          | 802            | 605      | 878                |             | 6           | 36                           | <15                     | 12,3                                                                                | 24,5  |
|                          |                 | 2,0                   | 60               |                                          | 448            | 321      | 447                |             | 4           | 22                           | <15                     | 24,5                                                                                | 49,0  |
| 04P_AC                   | V5              |                       | 260              |                                          | 1 460          | 1 230    | 1 910              | 58          |             | 59                           | 36                      |                                                                                     |       |
|                          | V4              |                       | 230              |                                          | 1 280          | 1 070    | 1 740              | 39          |             | 55                           | 32                      |                                                                                     |       |
|                          | V3              |                       | 195              | 50                                       | 1 060          | 896      | 1 550              | 29          |             | 51                           | 27                      |                                                                                     |       |
|                          | V2              |                       | 140              |                                          | 808            | 667      | 1 200              | 19          |             | 43                           | 19                      |                                                                                     |       |
|                          | V1              |                       | 100              |                                          | 720            | 529      | 1 060              | 13          |             | 34                           | <15                     |                                                                                     |       |
| 04P_HEE                  |                 | 10,0                  | 300              |                                          | 1 600          | 1 360    | 2 270              |             | 72          | 59                           | 36                      |                                                                                     |       |
|                          |                 | 9,0                   | 265              |                                          | 1 410          | 1 190    | 2 070              |             | 38          | 56                           | 33                      |                                                                                     |       |
|                          |                 | 8,0                   | 240              |                                          | 1 280          | 1 090    | 1 910              |             | 37          | 56                           | 33                      |                                                                                     |       |
|                          |                 | 6,6                   | 195              | 50                                       | 1 030          | 885      | 1 610              |             | 18          | 48                           | 24                      |                                                                                     |       |
|                          |                 | 5,0                   | 145              |                                          | 798            | 665      | 1 230              |             | 11          | 41                           | 17                      |                                                                                     |       |
|                          |                 | 4,0                   | 120              |                                          | 702            | 566      | 1 040              |             | 6           | 36                           | <15                     |                                                                                     |       |
|                          |                 | 2,0                   | 60               |                                          | 420            | 310      | 548                |             | 4           | 22                           | <15                     |                                                                                     |       |
| 22J_AC                   | V5              |                       | 535              |                                          | 2 540          | 1 880    | 3 080              | 92          |             | 53                           | 28                      | 2,7                                                                                 | 5,5   |
|                          | V4              |                       | 505              |                                          | 2 400          | 1 770    | 2 960              | 74          |             | 52                           | 27                      | 2,9                                                                                 | 5,8   |
|                          | V3              |                       | 460              | 50                                       | 2 180          | 1 590    | 2 730              | 61          |             | 49                           | 24                      | 3,2                                                                                 | 6,4   |
|                          | V2              |                       | 325              |                                          | 1 530          | 1 130    | 2 060              | 38          |             | 42                           | 16                      | 4,5                                                                                 | 9,0   |
|                          | V1              |                       | 185              |                                          | 807            | 608      | 1 230              | 17          |             | 30                           | <15                     | 7,9                                                                                 | 15,9  |
| 22M_AC                   | V5              |                       | 505              |                                          | 2 670          | 2 120    | 3 510              | 91          |             | 53                           | 28                      | 2,9                                                                                 | 5,8   |
|                          | V4              |                       | 480              |                                          | 2 540          | 2 020    | 3 380              | 73          |             | 52                           | 27                      | 3,1                                                                                 | 6,1   |
|                          | V3              |                       | 435              | 50                                       | 2 320          | 1 840    | 3 120              | 61          |             | 50                           | 25                      | 3,4                                                                                 | 6,8   |
|                          | V2              |                       | 315              |                                          | 1 680          | 1 350    | 2 320              | 38          |             | 42                           | 17                      | 4,7                                                                                 | 9,3   |
|                          | V1              |                       | 175              |                                          | 976            | 777      | 1 340              | 17          |             | 30                           | <15                     | 8,4                                                                                 | 16,8  |
| 22J_HEE                  |                 | 10,0                  | 595              |                                          | 2 910          | 2 210    | 3 430              |             | 83          | 56                           | 31                      | 2,5                                                                                 | 4,9   |
|                          |                 | 8,0                   | 475              |                                          | 2 290          | 1 730    | 2 900              |             | 43          | 50                           | 25                      | 3,1                                                                                 | 6,2   |
|                          |                 | 7,3                   | 430              | 50                                       | 2 060          | 1 560    | 2 670              |             | 37          | 48                           | 23                      | 3,4                                                                                 | 6,8   |
|                          |                 | 6,0                   | 350              |                                          | 1 650          | 1 260    | 2 280              |             | 20          | 44                           | 18                      | 4,2                                                                                 | 8,4   |
|                          |                 | 4,0                   | 230              |                                          | 988            | 788      | 1 600              |             | 8           | 34                           | <15                     | 6,4                                                                                 | 12,8  |
|                          |                 | 3,0                   | 175              |                                          | 755            | 600      | 1 240              |             | 7           | 29                           | <15                     | 8,4                                                                                 | 16,8  |
|                          |                 | 2,0                   | 115              |                                          | 533            | 414      | 857                |             | 3           | 22                           | <15                     | 12,8                                                                                | 25,6  |
| 22M_HEE                  |                 | 10,0                  | 550              |                                          | 2 870          | 2 270    | 3 880              |             | 83          | 56                           | 31                      | 2,7                                                                                 | 5,3   |
|                          |                 | 7,8                   | 425              | 50                                       | 2 280          | 1 790    | 3 100              |             | 41          | 50                           | 25                      | 3,5                                                                                 | 6,9   |
|                          |                 | 7,0                   | 380              |                                          | 2 040          | 1 600    | 2 780              |             | 32          | 47                           | 22                      | 3,9                                                                                 | 7,7   |
|                          |                 | 6,0                   | 325              |                                          | 1 760          | 1 390    | 2 430              |             | 19          | 44                           | 19                      | 4,5                                                                                 | 9,0   |
|                          |                 | 4,0                   | 210              |                                          | 1 140          | 900      | 1 590              |             | 8           | 35                           | <15                     | 7,0                                                                                 | 14,0  |
|                          |                 | 3,0                   | 160              |                                          | 926            | 712      | 1 210              |             | 6           | 29                           | <15                     | 9,2                                                                                 | 18,4  |
|                          |                 | 2,0                   | 120              |                                          | 749            | 561      | 915                |             | 4           | 21                           | <15                     | 12,3                                                                                | 24,5  |
| 24P_AC                   | V5              |                       | 505              |                                          | 2 530          | 2 080    | 3 770              | 91          |             | 53                           | 28                      |                                                                                     |       |
|                          | V4              |                       | 480              |                                          | 2 410          | 1 980    | 3 670              | 73          |             | 52                           | 27                      |                                                                                     |       |
|                          | V3              |                       | 435              | 50                                       | 2 190          | 1 790    | 3 460              | 61          |             | 50                           | 25                      |                                                                                     |       |
|                          | V2              |                       | 315              |                                          | 1 590          | 1 270    | 2 780              | 38          |             | 42                           | 17                      |                                                                                     |       |
|                          | V1              |                       | 175              |                                          | 847            | 674      | 1 770              | 17          |             | 30                           | <15                     |                                                                                     |       |
| 24P_HEE                  |                 | 10,0                  | 590              |                                          | 2 800          | 2 380    | 4 250              |             | 89          | 57                           | 32                      |                                                                                     |       |
|                          |                 | 8,2                   | 480              | 50                                       | 2 320          | 1 940    | 3 750              |             | 50          | 51                           | 27                      |                                                                                     |       |
|                          |                 | 7,0                   | 405              |                                          | 1 980          | 1 630    | 3 350              |             | 34          | 48                           | 23                      |                                                                                     |       |
|                          |                 | 6,0                   | 345              |                                          | 1 710          | 1 400    | 3 010              |             | 20          | 44                           | 19                      |                                                                                     |       |
|                          |                 | 4,0                   | 220              |                                          | 1 080          | 876      | 2 150              |             | 8           | 35                           | <15                     |                                                                                     |       |
|                          |                 | 3,0                   | 165              |                                          | 826            | 660      | 1 700              |             | 6           | 29                           | <15                     |                                                                                     |       |
|                          |                 | 2,0                   | 125              |                                          | 667            | 510      | 1 320              |             | 4           | 21                           | <15                     |                                                                                     |       |

(1) Static pressures given for information purposes. For higher available static pressures, consult our sales office.

(2) Warning: the air supply temperature must not exceed 65°C (CIAT recommendation).

**U model sound level:**

Values given as a guideline for devices with ducted return and discharge, and for room and installation attenuation of 19 dB (sizes 0 to 3), 21 dB (sizes 4).

**U MODEL**

| COMFORT LINE™<br>U model | AC motor speeds | HEE motor voltage (V) | Air flow in m³/h | Available static pressure <sup>(1)</sup> | Cooling cap. W |          | Heating capacity W | Power input |             | Overall sound power LW dB(A) | Comfort level ISO or NR | Average air temperature rise in K <sup>(2)</sup> Auxiliary electric heater 230/1/50 |       |
|--------------------------|-----------------|-----------------------|------------------|------------------------------------------|----------------|----------|--------------------|-------------|-------------|------------------------------|-------------------------|-------------------------------------------------------------------------------------|-------|
|                          |                 |                       |                  |                                          | Total          | Sensible |                    | AC Motor W  | HEE motor W |                              |                         | 700W                                                                                | 1400W |
| 32J_AC                   | V5              |                       | 690              |                                          | 3 140          | 2 690    | 4 360              | 98          |             | 54                           | 30                      | 3,0                                                                                 | 6,0   |
|                          | V4              |                       | 595              |                                          | 2 750          | 2 300    | 3 920              | 93          |             | 51                           | 26                      | 3,5                                                                                 | 6,9   |
|                          | V3              |                       | 525              | 50                                       | 2 450          | 2 000    | 3 550              | 92          |             | 48                           | 23                      | 3,9                                                                                 | 7,8   |
|                          | V2              |                       | 445              |                                          | 2 090          | 1 660    | 3 090              | 90          |             | 44                           | 19                      | 4,6                                                                                 | 9,3   |
|                          | V1              |                       | 365              |                                          | 1 700          | 1 310    | 2 590              | 86          |             | 40                           | <15                     | 5,6                                                                                 | 11,3  |
| 32M_AC                   | V5              |                       | 730              |                                          | 3 850          | 2 790    | 5 030              | 100         |             | 55                           | 30                      | 2,8                                                                                 | 5,6   |
|                          | V4              |                       | 645              |                                          | 3 440          | 2 460    | 4 580              | 96          |             | 52                           | 27                      | 3,2                                                                                 | 6,4   |
|                          | V3              |                       | 565              | 50                                       | 3 030          | 2 160    | 4 090              | 94          |             | 49                           | 23                      | 3,6                                                                                 | 7,3   |
|                          | V2              |                       | 480              |                                          | 2 590          | 1 850    | 3 570              | 91          |             | 45                           | 20                      | 4,3                                                                                 | 8,6   |
|                          | V1              |                       | 400              |                                          | 2 140          | 1 530    | 3 010              | 87          |             | 41                           | 16                      | 5,1                                                                                 | 10,3  |
| 32J_HEE                  |                 | 10,0                  | 830              |                                          | 3 810          | 3 340    | 5 000              |             | 109         | 57                           | 33                      | 2,5                                                                                 | 5,0   |
|                          |                 | 9,0                   | 735              |                                          | 3 450          | 2 970    | 4 600              |             | 86          | 54                           | 30                      | 2,8                                                                                 | 5,6   |
|                          |                 | 7,4                   | 595              | 50                                       | 2 910          | 2 420    | 3 980              |             | 49          | 50                           | 24                      | 3,5                                                                                 | 6,9   |
|                          |                 | 6,0                   | 485              |                                          | 2 430          | 1 970    | 3 400              |             | 26          | 45                           | 20                      | 4,2                                                                                 | 8,5   |
|                          |                 | 5,0                   | 395              |                                          | 2 010          | 1 600    | 2 860              |             | 19          | 41                           | 16                      | 5,2                                                                                 | 10,4  |
|                          |                 | 4,0                   | 330              |                                          | 1 670          | 1 310    | 2 420              |             | 11          | 36                           | <15                     | 6,2                                                                                 | 12,5  |
|                          |                 | 2,0                   | 185              |                                          | 997            | 748      | 1 420              |             | 4           | 22                           | <15                     | 11,1                                                                                | 22,3  |
| 32M_HEE                  |                 | 10,0                  | 810              |                                          | 4 210          | 3 320    | 5 570              |             | 106         | 57                           | 33                      | 2,5                                                                                 | 5,1   |
|                          |                 | 9,0                   | 720              |                                          | 3 800          | 2 980    | 5 090              |             | 83          | 55                           | 30                      | 2,9                                                                                 | 5,7   |
|                          |                 | 7,8                   | 620              | 50                                       | 3 320          | 2 590    | 4 540              |             | 53          | 51                           | 26                      | 3,3                                                                                 | 6,6   |
|                          |                 | 6,0                   | 470              |                                          | 2 570          | 1 990    | 3 580              |             | 25          | 45                           | 20                      | 4,4                                                                                 | 8,8   |
|                          |                 | 5,0                   | 380              |                                          | 2 100          | 1 640    | 2 980              |             | 19          | 41                           | 16                      | 5,4                                                                                 | 10,8  |
|                          |                 | 4,0                   | 310              |                                          | 1 670          | 1 320    | 2 450              |             | 10          | 36                           | <15                     | 6,6                                                                                 | 13,3  |
|                          |                 | 2,0                   | 150              |                                          | 949            | 711      | 1 210              |             | 4           | 23                           | <15                     | 13,7                                                                                | 27,5  |
| 34P_AC                   | V5              |                       | 645              |                                          | 3 450          | 2 810    | 4 350              | 95          |             | 54                           | 30                      |                                                                                     |       |
|                          | V4              |                       | 580              |                                          | 3 140          | 2 540    | 4 120              | 91          |             | 52                           | 27                      |                                                                                     |       |
|                          | V3              |                       | 515              | 50                                       | 2 830          | 2 270    | 3 860              | 90          |             | 49                           | 24                      |                                                                                     |       |
|                          | V2              |                       | 450              |                                          | 2 490          | 1 980    | 3 560              | 88          |             | 46                           | 21                      |                                                                                     |       |
|                          | V1              |                       | 375              |                                          | 2 100          | 1 660    | 3 190              | 85          |             | 42                           | 17                      |                                                                                     |       |
| 34P_HEE                  |                 | 10,0                  | 810              |                                          | 4 090          | 3 400    | 4 920              |             | 106         | 57                           | 33                      |                                                                                     |       |
|                          |                 | 9,0                   | 720              |                                          | 3 650          | 3 020    | 4 580              |             | 83          | 55                           | 30                      |                                                                                     |       |
|                          |                 | 7,8                   | 620              | 50                                       | 3 160          | 2 600    | 4 170              |             | 53          | 51                           | 26                      |                                                                                     |       |
|                          |                 | 6,0                   | 470              |                                          | 2 400          | 1 950    | 3 470              |             | 25          | 45                           | 20                      |                                                                                     |       |
|                          |                 | 5,0                   | 380              |                                          | 1 940          | 1 580    | 3 010              |             | 19          | 41                           | 16                      |                                                                                     |       |
|                          |                 | 4,0                   | 310              |                                          | 1 530          | 1 250    | 2 580              |             | 10          | 36                           | <15                     |                                                                                     |       |
|                          |                 | 2,0                   | 150              |                                          | 795            | 622      | 1 450              |             | 4           | 23                           | <15                     |                                                                                     |       |
| 42J_AC                   | V5              |                       | 890              |                                          | 4 070          | 3 420    | 5 230              | 110         |             | 55                           | 28                      | 2,3                                                                                 | 4,6   |
|                          | V4              |                       | 740              | 50                                       | 3 450          | 2 890    | 4 580              | 105         |             | 50                           | 23                      | 2,8                                                                                 | 5,6   |
|                          | V3              |                       | 615              |                                          | 2 910          | 2 440    | 3 980              | 101         |             | 46                           | 18                      | 3,3                                                                                 | 6,7   |
|                          | V2              |                       | 510              |                                          | 2 420          | 2 030    | 3 420              | 97          |             | 42                           | <15                     | 4,0                                                                                 | 8,1   |
|                          | V1              |                       | 410              |                                          | 2 210          | 1 900    | 2 510              | 88          |             | 37                           | <15                     | 5,0                                                                                 | 10,0  |
| 42M_AC                   | V5              |                       | 865              |                                          | 4 690          | 3 610    | 5 400              | 112         |             | 55                           | 28                      | 2,4                                                                                 | 4,8   |
|                          | V4              |                       | 720              | 50                                       | 4 000          | 3 010    | 4 530              | 106         |             | 50                           | 23                      | 2,9                                                                                 | 5,7   |
|                          | V3              |                       | 625              |                                          | 3 540          | 2 630    | 3 960              | 103         |             | 47                           | 20                      | 3,3                                                                                 | 6,6   |
|                          | V2              |                       | 505              |                                          | 2 920          | 2 140    | 3 230              | 98          |             | 42                           | 15                      | 4,1                                                                                 | 8,2   |
|                          | V1              |                       | 430              |                                          | 2 470          | 1 800    | 2 740              | 89          |             | 39                           | <15                     | 4,8                                                                                 | 9,6   |
| 42J_HEE                  |                 | 10,0                  | 1 085            |                                          | 4 780          | 4 060    | 6 240              |             | 141         | 57                           | 32                      | 1,9                                                                                 | 3,8   |
|                          |                 | 9,0                   | 960              |                                          | 4 330          | 3 680    | 5 670              |             | 107         | 55                           | 29                      | 2,1                                                                                 | 4,3   |
|                          |                 | 7,7                   | 825              | 50                                       | 3 830          | 3 250    | 5 050              |             | 68          | 51                           | 25                      | 2,5                                                                                 | 5,0   |
|                          |                 | 6,0                   | 645              |                                          | 3 110          | 2 630    | 4 120              |             | 33          | 45                           | 19                      | 3,2                                                                                 | 6,4   |
|                          |                 | 5,0                   | 520              |                                          | 2 570          | 2 190    | 3 460              |             | 24          | 41                           | 15                      | 4,0                                                                                 | 7,9   |
|                          |                 | 4,0                   | 420              |                                          | 2 080          | 1 790    | 2 860              |             | 12          | 36                           | <15                     | 4,9                                                                                 | 9,8   |
|                          |                 | 2,0                   | 205              |                                          | 1 130          | 939      | 1 480              |             | 4           | 23                           | <15                     | 10,0                                                                                | 20,1  |
| 42M_HEE                  |                 | 10,0                  | 1 065            |                                          | 5 600          | 4 560    | 6 430              |             | 139         | 58                           | 32                      | 1,9                                                                                 | 3,9   |
|                          |                 | 9,0                   | 940              |                                          | 5 060          | 4 070    | 5 700              |             | 106         | 55                           | 29                      | 2,2                                                                                 | 4,4   |
|                          |                 | 7,6                   | 795              | 50                                       | 4 410          | 3 490    | 4 860              |             | 66          | 52                           | 24                      | 2,6                                                                                 | 5,2   |
|                          |                 | 6,0                   | 630              |                                          | 3 610          | 2 810    | 3 860              |             | 32          | 46                           | 19                      | 3,3                                                                                 | 6,5   |
|                          |                 | 5,0                   | 510              |                                          | 3 000          | 2 310    | 3 130              |             | 24          | 42                           | <15                     | 4,0                                                                                 | 8,1   |
|                          |                 | 4,0                   | 410              |                                          | 2 440          | 1 870    | 2 510              |             | 12          | 37                           | <15                     | 5,0                                                                                 | 10,0  |
|                          |                 | 2,0                   | 200              |                                          | 1 320          | 968      | 1 190              |             | 4           | 25                           | <15                     | 10,3                                                                                | 20,6  |
| 44P_AC                   | V5              |                       | 865              |                                          | 4 110          | 3 560    | 5 650              | 112         |             | 55                           | 28                      |                                                                                     |       |
|                          | V4              |                       | 720              | 50                                       | 3 610          | 3 070    | 4 970              | 106         |             | 50                           | 23                      |                                                                                     |       |
|                          | V3              |                       | 625              |                                          | 3 270          | 2 740    | 4 490              | 103         |             | 47                           | 20                      |                                                                                     |       |
|                          | V2              |                       | 505              |                                          | 2 800          | 2 300    | 3 850              | 98          |             | 42                           | 15                      |                                                                                     |       |
|                          | V1              |                       | 430              |                                          | 2 450          | 1 980    | 3 380              | 89          |             | 39                           | <15                     |                                                                                     |       |
| 44P_HEE                  |                 | 10,0                  | 1 150            |                                          | 5 000          | 4 210    | 7 450              |             | 147         | 58                           | 32                      |                                                                                     |       |
|                          |                 | 9,0                   | 1 015            |                                          | 4 520          | 3 820    | 6 770              |             | 111         | 56                           | 29                      |                                                                                     |       |
|                          |                 | 8,0                   | 920              | 50                                       | 4 160          | 3 530    | 6 270              |             | 77          | 53                           | 26                      |                                                                                     |       |
|                          |                 | 6,0                   | 680              |                                          | 3 240          | 2 770    | 4 920              |             | 35          | 46                           | 19                      |                                                                                     |       |
|                          |                 | 5,0                   | 555              |                                          | 2 700          | 2 320    | 4 120              |             | 25          | 42                           | 15                      |                                                                                     |       |
|                          |                 | 4,0                   | 445              |                                          | 2 210          | 1 900    | 3 410              |             | 13          | 38                           | <15                     |                                                                                     |       |
|                          |                 | 2,0                   | 215              |                                          | 1 090          | 941      | 1 780              |             | 4           | 25                           | <15                     |                                                                                     |       |

(1) Static pressures given for information purposes. For higher available static pressures, consult our sales office.

(2) Warning: the air supply temperature must not exceed 65°C (CIAT recommendation).

**U model sound level:**

Values given as a guideline for devices with ducted return and discharge, and for room and installation attenuation of 19 dB (sizes 0 to 3), 21 dB (sizes 4).

## LI / LY MODELS

**Cooling temperature:** water temperature: 7/12°C, air intake temperature: 27°C - 19°C (WB).

**Heating temperature (2T):** water temperature: 45/40°C, air intake temperature: 20°C.

**Heating temperature (4T):** water temperature: 65/55°C, air intake temperature: 20°C.

| Size    | AC motor code | HEE motor voltage (V) | Air flow in m³/h | Available static pressure (1) | Cooling cap. W |          | Heating capacity W | AC motor power input W | HEE motor power input W | Sound power LW dB(A) | ISO or NR comfort level for LI | ISO or NR comfort level for LY | Average air temperature rise in K (2) Auxiliary electric heater 230/1/50 |       |
|---------|---------------|-----------------------|------------------|-------------------------------|----------------|----------|--------------------|------------------------|-------------------------|----------------------|--------------------------------|--------------------------------|--------------------------------------------------------------------------|-------|
|         |               |                       |                  |                               | Total          | Sensible |                    |                        |                         |                      |                                |                                | 500W                                                                     | 1000W |
| 02J_AC  | V5            |                       | 505              |                               | 2 480          | 2 110    | 2 980              | 68                     |                         | 60                   | 43                             | 41                             | 2,9                                                                      | 5,8   |
|         | V4            |                       | 400              |                               | 2 110          | 1 760    | 2 500              | 46                     |                         | 54                   | 37                             | 35                             | 3,7                                                                      | 7,4   |
|         | V3            |                       | 310              | 10                            | 1 770          | 1 440    | 2 060              | 33                     |                         | 48                   | 31                             | 29                             | 4,7                                                                      | 9,5   |
|         | V2            |                       | 220              |                               | 1 330          | 1 060    | 1 520              | 20                     |                         | 40                   | 23                             | 21                             | 6,7                                                                      | 13,4  |
|         | V1            |                       | 145              |                               | 1 140          | 813      | 1 140              | 14                     |                         | 32                   | 15                             | <15                            | 10,1                                                                     | 20,3  |
| 02J_HEE |               | 10,0                  | 665              |                               | 2 840          | 2 550    | 3 900              |                        | 84                      | 64                   | 46                             | 44                             | 2,2                                                                      | 4,4   |
|         |               | 9,0                   | 595              |                               | 2 650          | 2 350    | 3 580              |                        | 64                      | 62                   | 43                             | 41                             | 2,5                                                                      | 4,9   |
|         |               | 8,0                   | 525              |                               | 2 450          | 2 140    | 3 250              |                        | 44                      | 59                   | 40                             | 38                             | 2,8                                                                      | 5,6   |
|         |               | 6,6                   | 430              | 10                            | 2 170          | 1 840    | 2 780              |                        | 28                      | 54                   | 35                             | 33                             | 3,4                                                                      | 6,8   |
|         |               | 5,0                   | 320              |                               | 1 770          | 1 450    | 2 160              |                        | 15                      | 47                   | 28                             | 26                             | 4,6                                                                      | 9,2   |
|         |               | 4,0                   | 250              |                               | 1 490          | 1 180    | 1 760              |                        | 8                       | 41                   | 23                             | 21                             | 5,9                                                                      | 11,8  |
|         |               | 2,0                   | 125              |                               | 831            | 628      | 918                |                        | 3                       | 27                   | <15                            | <15                            | 11,8                                                                     | 23,5  |
| 04P_AC  | V5            |                       | 505              |                               | 2 430          | 2 130    | 2 960              | 68                     |                         | 60                   | 43                             | 41                             |                                                                          |       |
|         | V4            |                       | 400              |                               | 2 030          | 1 750    | 2 560              | 46                     |                         | 54                   | 37                             | 35                             |                                                                          |       |
|         | V3            |                       | 310              | 10                            | 1 610          | 1 380    | 2 190              | 33                     |                         | 48                   | 31                             | 29                             |                                                                          |       |
|         | V2            |                       | 220              |                               | 1 160          | 985      | 1 690              | 20                     |                         | 40                   | 23                             | 21                             |                                                                          |       |
|         | V1            |                       | 145              |                               | 1 020          | 762      | 1 560              | 14                     |                         | 32                   | 15                             | <15                            |                                                                          |       |
| 04P_HEE |               | 10,0                  | 665              |                               | 2 960          | 2 520    | 4 140              |                        | 84                      | 64                   | 46                             | 44                             |                                                                          |       |
|         |               | 9,0                   | 595              |                               | 2 710          | 2 310    | 3 840              |                        | 64                      | 62                   | 43                             | 41                             |                                                                          |       |
|         |               | 8,0                   | 525              |                               | 2 450          | 2 080    | 3 510              |                        | 44                      | 59                   | 40                             | 38                             |                                                                          |       |
|         |               | 6,6                   | 430              | 10                            | 2 100          | 1 770    | 3 040              |                        | 28                      | 54                   | 35                             | 33                             |                                                                          |       |
|         |               | 5,0                   | 320              |                               | 1 630          | 1 380    | 2 420              |                        | 15                      | 47                   | 28                             | 26                             |                                                                          |       |
|         |               | 4,0                   | 250              |                               | 1 310          | 1 110    | 2 000              |                        | 8                       | 41                   | 23                             | 21                             |                                                                          |       |
|         |               | 2,0                   | 125              |                               | 721            | 584      | 1 080              |                        | 3                       | 27                   | <15                            | <15                            |                                                                          |       |
| 22J_AC  | V5            |                       | 780              |                               | 3 580          | 2 680    | 4 160              | 104                    |                         | 61                   | 44                             | 42                             | 1,9                                                                      | 3,8   |
|         | V4            |                       | 720              |                               | 3 320          | 2 480    | 3 920              | 85                     |                         | 59                   | 42                             | 40                             | 2,0                                                                      | 4,1   |
|         | V3            |                       | 620              | 10                            | 2 900          | 2 160    | 3 500              | 69                     |                         | 55                   | 39                             | 37                             | 2,4                                                                      | 4,7   |
|         | V2            |                       | 420              |                               | 1 990          | 1 450    | 2 550              | 40                     |                         | 47                   | 30                             | 28                             | 3,5                                                                      | 1,0   |
|         | V1            |                       | 230              |                               | 1 020          | 769      | 1 530              | 18                     |                         | 35                   | 18                             | 16                             | 6,4                                                                      | 12,8  |
| 22M_AC  | V5            |                       | 735              |                               | 3 690          | 2 940    | 4 880              | 102                    |                         | 62                   | 44                             | 42                             | 2,0                                                                      | 4,0   |
|         | V4            |                       | 680              |                               | 3 440          | 2 740    | 4 580              | 83                     |                         | 60                   | 43                             | 41                             | 2,2                                                                      | 4,3   |
|         | V3            |                       | 590              | 10                            | 3 050          | 2 420    | 4 080              | 69                     |                         | 57                   | 40                             | 38                             | 2,5                                                                      | 5,0   |
|         | V2            |                       | 405              |                               | 2 160          | 1 710    | 2 940              | 40                     |                         | 48                   | 32                             | 30                             | 3,6                                                                      | 4,3   |
|         | V1            |                       | 220              |                               | 1 160          | 944      | 1 690              | 18                     |                         | 36                   | 20                             | 18                             | 6,7                                                                      | 13,4  |
| 22J_HEE |               | 10,0                  | 995              |                               | 4 710          | 3 650    | 4 940              |                        | 137                     | 66                   | 46                             | 44                             | 1,5                                                                      | 3,0   |
|         |               | 8,0                   | 800              |                               | 3 830          | 2 920    | 4 270              |                        | 70                      | 60                   | 41                             | 39                             | 1,8                                                                      | 3,7   |
|         |               | 7,3                   | 730              | 10                            | 3 510          | 2 680    | 4 020              |                        | 56                      | 58                   | 39                             | 37                             | 2,0                                                                      | 4,0   |
|         |               | 6,0                   | 585              |                               | 2 820          | 2 130    | 3 420              |                        | 31                      | 53                   | 34                             | 32                             | 2,5                                                                      | 5,0   |
|         |               | 4,0                   | 380              |                               | 1 790          | 1 360    | 2 450              |                        | 11                      | 43                   | 25                             | 23                             | 3,9                                                                      | 7,7   |
|         |               | 3,0                   | 290              |                               | 1 320          | 1 020    | 1 960              |                        | 7                       | 37                   | 18                             | 16                             | 5,1                                                                      | 10,1  |
|         |               | 2,0                   | 185              |                               | 782            | 623      | 1 300              |                        | 4                       | 29                   | <15                            | <15                            | 7,9                                                                      | 15,9  |
| 22M_HEE |               | 10,0                  | 860              |                               | 4 130          | 3 330    | 5 730              |                        | 126                     | 66                   | 47                             | 45                             | 1,7                                                                      | 3,4   |
|         |               | 7,8                   | 650              | 10                            | 3 260          | 2 590    | 4 560              |                        | 58                      | 60                   | 41                             | 39                             | 2,3                                                                      | 4,5   |
|         |               | 7,0                   | 575              |                               | 2 940          | 2 320    | 4 070              |                        | 44                      | 57                   | 38                             | 36                             | 2,6                                                                      | 5,1   |
|         |               | 6,0                   | 485              |                               | 2 530          | 1 980    | 3 490              |                        | 25                      | 53                   | 35                             | 33                             | 3,0                                                                      | 6,1   |
|         |               | 4,0                   | 300              |                               | 1 610          | 1 260    | 2 230              |                        | 9                       | 44                   | 25                             | 23                             | 4,9                                                                      | 9,8   |
|         |               | 3,0                   | 230              |                               | 1 230          | 984      | 1 760              |                        | 7                       | 37                   | 19                             | 17                             | 6,4                                                                      | 12,8  |
|         |               | 2,0                   | 170              |                               | 970            | 751      | 1 290              |                        | 4                       | 29                   | <15                            | <15                            | 8,7                                                                      | 17,3  |
| 24P_AC  | V5            |                       | 735              |                               | 3 530          | 2 990    | 4 670              | 102                    |                         | 62                   | 44                             | 42                             |                                                                          |       |
|         | V4            |                       | 680              |                               | 3 280          | 2 760    | 4 490              | 83                     |                         | 60                   | 43                             | 41                             |                                                                          |       |
|         | V3            |                       | 590              | 10                            | 2 890          | 2 410    | 4 160              | 69                     |                         | 57                   | 40                             | 38                             |                                                                          |       |
|         | V2            |                       | 405              |                               | 2 040          | 1 650    | 3 320              | 40                     |                         | 48                   | 32                             | 30                             |                                                                          |       |
|         | V1            |                       | 220              |                               | 1 090          | 868      | 2 150              | 18                     |                         | 36                   | 20                             | 18                             |                                                                          |       |
| 24P_HEE |               | 10,0                  | 865              |                               | 3 850          | 3 380    | 5 300              |                        | 127                     | 67                   | 47                             | 45                             |                                                                          |       |
|         |               | 8,2                   | 690              | 10                            | 3 160          | 2 720    | 4 590              |                        | 68                      | 61                   | 42                             | 40                             |                                                                          |       |
|         |               | 7,0                   | 580              |                               | 2 720          | 2 300    | 4 220              |                        | 44                      | 57                   | 39                             | 37                             |                                                                          |       |
|         |               | 6,0                   | 485              |                               | 2 330          | 1 940    | 3 790              |                        | 26                      | 53                   | 35                             | 33                             |                                                                          |       |
|         |               | 4,0                   | 300              |                               | 1 480          | 1 200    | 2 710              |                        | 9                       | 44                   | 26                             | 24                             |                                                                          |       |
|         |               | 3,0                   | 235              |                               | 1 150          | 927      | 2 240              |                        | 7                       | 38                   | 19                             | 17                             |                                                                          |       |
|         |               | 2,0                   | 170              |                               | 832            | 665      | 1 720              |                        | 4                       | 29                   | <15                            | <15                            |                                                                          |       |

(1) Static pressures given for information purposes. For higher available static pressures, consult our sales office.

**Model LI sound level:**

Values are given as a guideline for units with room and installation attenuation of 12 dB (Sizes 0 to 3) and 14 dB (Size 4).

**Model LY sound level:**

Values are given as a guideline for units with room and installation attenuation of 14 dB (Sizes 0 to 3) and 16 dB (Size 4).

(2) Important: the air supply temperature should not exceed 65°C (CIAT recommendation).

**LI / LY MODELS (continued)**

| Size    | AC motor code | HEE motor voltage (V) | Air flow in m³/h | Available static pressure <sup>(1)</sup> | Cooling cap. W |          | Heating capacity W | AC motor power input W | HEE motor power input W | Sound power LW dB(A) | ISO or NR comfort level for LI | ISO or NR comfort level for LY | Average air temperature rise in K <sup>(2)</sup> Auxiliary electric heater 230/1/50 |       |
|---------|---------------|-----------------------|------------------|------------------------------------------|----------------|----------|--------------------|------------------------|-------------------------|----------------------|--------------------------------|--------------------------------|-------------------------------------------------------------------------------------|-------|
|         |               |                       |                  |                                          | Total          | Sensible |                    |                        |                         |                      |                                |                                | 700W                                                                                | 1400W |
| 32J_AC  | V5            |                       | 1 095            |                                          | 4 740          | 4 390    | 5 950              | 123                    |                         | 61                   | 44                             | 42                             | 1,9                                                                                 | 3,8   |
|         | V4            |                       | 875              |                                          | 3 890          | 3 490    | 5 140              | 1160                   |                         | 56                   | 39                             | 37                             | 2,4                                                                                 | 4,7   |
|         | V3            |                       | 720              | 10                                       | 3 270          | 2 830    | 4 490              | 111                    |                         | 52                   | 35                             | 33                             | 2,9                                                                                 | 5,7   |
|         | V2            |                       | 570              |                                          | 2 660          | 2 200    | 3 770              | 103                    |                         | 47                   | 31                             | 29                             | 3,6                                                                                 | 7,2   |
|         | V1            |                       | 450              |                                          | 2 100          | 1 670    | 3 100              | 95                     |                         | 43                   | 26                             | 24                             | 4,6                                                                                 | 9,2   |
| 32M_AC  | V5            |                       | 1 040            |                                          | 5 330          | 4 010    | 6 490              | 116                    |                         | 63                   | 46                             | 44                             | 2,0                                                                                 | 4,0   |
|         | V4            |                       | 870              |                                          | 4 550          | 3 360    | 5 740              | 112                    |                         | 59                   | 42                             | 40                             | 2,4                                                                                 | 4,7   |
|         | V3            |                       | 725              | 10                                       | 3 840          | 2 770    | 5 000              | 106                    |                         | 55                   | 38                             | 36                             | 2,8                                                                                 | 5,7   |
|         | V2            |                       | 590              |                                          | 3 180          | 2 270    | 4 260              | 100                    |                         | 51                   | 35                             | 33                             | 3,5                                                                                 | 7,0   |
|         | V1            |                       | 475              |                                          | 2 560          | 1 830    | 3 530              | 94                     |                         | 47                   | 30                             | 28                             | 4,3                                                                                 | 8,7   |
| 32J_HEE |               | 10,0                  | 1 335            |                                          | 5 440          | 5 110    | 6 710              |                        | 159                     | 67                   | 49                             | 47                             | 1,5                                                                                 | 3,1   |
|         |               | 9,0                   | 1 190            |                                          | 4 990          | 4 610    | 6 290              |                        | 121                     | 64                   | 45                             | 43                             | 1,7                                                                                 | 3,5   |
|         |               | 7,4                   | 945              | 10                                       | 4 180          | 3 730    | 5 500              |                        | 68                      | 59                   | 40                             | 38                             | 2,2                                                                                 | 4,4   |
|         |               | 6,0                   | 715              |                                          | 3 350          | 2 860    | 4 570              |                        | 34                      | 55                   | 36                             | 34                             | 2,9                                                                                 | 5,8   |
|         |               | 4,0                   | 595              |                                          | 2 880          | 2 390    | 3 990              |                        | 24                      | 51                   | 32                             | 30                             | 3,5                                                                                 | 6,9   |
|         |               | 5,0                   | 475              |                                          | 2 370          | 1 920    | 3 350              |                        | 13                      | 46                   | 27                             | 25                             | 4,3                                                                                 | 8,7   |
|         |               | 2,0                   | 270              |                                          | 1 340          | 1 060    | 2 030              |                        | 5                       | 32                   | <15                            | <15                            | 7,6                                                                                 | 15,3  |
| 32M_HEE |               | 10,0                  | 1 250            |                                          | 5 970          | 4 790    | 7 470              |                        | 153                     | 67                   | 50                             | 48                             | 1,6                                                                                 | 3,3   |
|         |               | 9,0                   | 1 110            |                                          | 5 430          | 4 330    | 6 970              |                        | 116                     | 65                   | 46                             | 44                             | 1,9                                                                                 | 3,7   |
|         |               | 7,8                   | 955              | 10                                       | 4 780          | 3 780    | 6 300              |                        | 74                      | 61                   | 42                             | 40                             | 2,2                                                                                 | 4,3   |
|         |               | 6,0                   | 710              |                                          | 3 720          | 2 910    | 5 090              |                        | 34                      | 55                   | 36                             | 34                             | 2,9                                                                                 | 5,8   |
|         |               | 5,0                   | 580              |                                          | 3 120          | 2 430    | 4 330              |                        | 24                      | 51                   | 32                             | 30                             | 3,5                                                                                 | 7,1   |
|         |               | 4,0                   | 455              |                                          | 2 490          | 1 930    | 3 500              |                        | 13                      | 46                   | 28                             | 26                             | 4,5                                                                                 | 9,0   |
|         |               | 2,0                   | 210              |                                          | 1 220          | 939      | 1 680              |                        | 6                       | 34                   | 15                             | <15                            | 9,8                                                                                 | 19,6  |
| 34P_AC  | V5            |                       | 1 010            |                                          | 5 130          | 4 320    | 5 340              | 115                    |                         | 63                   | 45                             | 43                             |                                                                                     |       |
|         | V4            |                       | 855              |                                          | 4 440          | 3 690    | 4 970              | 111                    |                         | 58                   | 41                             | 39                             |                                                                                     |       |
|         | V3            |                       | 710              | 10                                       | 3 800          | 3 110    | 4 570              | 105                    |                         | 55                   | 38                             | 36                             |                                                                                     |       |
|         | V2            |                       | 585              |                                          | 3 180          | 2 570    | 4 140              | 99                     |                         | 51                   | 34                             | 32                             |                                                                                     |       |
|         | V1            |                       | 470              |                                          | 2 600          | 2 080    | 3 660              | 94                     |                         | 47                   | 30                             | 28                             |                                                                                     |       |
| 34P_HEE |               | 10,0                  | 1 250            |                                          | 5 910          | 5 070    | 6 320              |                        | 153                     | 67                   | 50                             | 48                             |                                                                                     |       |
|         |               | 9,0                   | 1 110            |                                          | 5 370          | 4 560    | 5 940              |                        | 116                     | 65                   | 46                             | 44                             |                                                                                     |       |
|         |               | 7,8                   | 955              | 10                                       | 4 680          | 3 930    | 5 440              |                        | 74                      | 61                   | 42                             | 40                             |                                                                                     |       |
|         |               | 6,0                   | 710              |                                          | 3 570          | 2 940    | 4 570              |                        | 34                      | 55                   | 36                             | 34                             |                                                                                     |       |
|         |               | 5,0                   | 580              |                                          | 2 960          | 2 420    | 4 020              |                        | 24                      | 51                   | 32                             | 30                             |                                                                                     |       |
|         |               | 4,0                   | 455              |                                          | 2 320          | 1 880    | 3 410              |                        | 13                      | 46                   | 28                             | 26                             |                                                                                     |       |
|         |               | 2,0                   | 210              |                                          | 1030           | 839      | 1 910              |                        | 6                       | 34                   | 15                             | <15                            |                                                                                     |       |

(1) Static pressures given for information purposes. For higher available static pressures, consult our sales office.

**Model LI sound level:**

Values are given as a guideline for units with room and installation attenuation of 12 dB (Sizes 0 to 3) and 14 dB (Size 4).

**Model LY sound level:**

Values are given as a guideline for units with room and installation attenuation of 14 dB (Sizes 0 to 3) and 16 dB (Size 4).

(2) Important: the air supply temperature should not exceed 65°C (CIAT recommendation).

**LI / LY MODELS (continued)**

| Size    | AC motor code | HEE motor voltage (V) | Air flow in m³/h | Available static pressure <sup>(1)</sup> | Cooling cap. W |          | Heating capacity W | AC motor power input W | HEE motor power input W | Sound power LW dB(A) | ISO or NR comfort level for LI | ISO or NR comfort level for LY | Average air temperature rise in K <sup>(2)</sup> Auxiliary electric heater 230/1/50 |       |
|---------|---------------|-----------------------|------------------|------------------------------------------|----------------|----------|--------------------|------------------------|-------------------------|----------------------|--------------------------------|--------------------------------|-------------------------------------------------------------------------------------|-------|
|         |               |                       |                  |                                          | Total          | Sensible |                    |                        |                         |                      |                                |                                | 700W                                                                                | 1400W |
| 42J_AC  | V5            |                       | 1 305            |                                          | 5 640          | 4 820    | 6 690              | 141                    |                         | 62                   | 43                             | 41                             | 1,6                                                                                 | 3,2   |
|         | V4            |                       | 965              |                                          | 4 370          | 3 690    | 5 510              | 129                    |                         | 55                   | 37                             | 35                             | 2,1                                                                                 | 4,3   |
|         | V3            |                       | 755              | 10                                       | 3 520          | 2 950    | 4 630              | 115                    |                         | 50                   | 32                             | 30                             | 2,7                                                                                 | 5,5   |
|         | V2            |                       | 605              |                                          | 2 870          | 2 400    | 3 920              | 107                    |                         | 46                   | 27                             | 25                             | 3,4                                                                                 | 6,8   |
|         | V1            |                       | 480              |                                          | 2 280          | 1 920    | 3 250              | 97                     |                         | 42                   | 23                             | 21                             | 4,3                                                                                 | 8,6   |
| 42M_AC  | V5            |                       | 1 260            |                                          | 6 410          | 5 170    | 7 650              | 139                    |                         | 63                   | 44                             | 42                             | 1,6                                                                                 | 3,3   |
|         | V4            |                       | 955              |                                          | 5 100          | 3 970    | 5 900              | 127                    |                         | 57                   | 38                             | 36                             | 2,2                                                                                 | 4,3   |
|         | V3            |                       | 775              | 10                                       | 4 280          | 3 250    | 4 860              | 117                    |                         | 52                   | 34                             | 32                             | 2,7                                                                                 | 5,3   |
|         | V2            |                       | 615              |                                          | 3 500          | 2 600    | 3 900              | 108                    |                         | 48                   | 29                             | 27                             | 3,3                                                                                 | 6,7   |
|         | V1            |                       | 505              |                                          | 2 910          | 2 140    | 3 220              | 97                     |                         | 44                   | 26                             | 24                             | 4,1                                                                                 | 8,2   |
| 42J_HEE |               | 10,0                  | 1 505            |                                          | 6 050          | 5 150    | 8 010              |                        | 165                     | 68                   | 48                             | 46                             | 1,4                                                                                 | 2,7   |
|         |               | 9,0                   | 1 420            |                                          | 5 780          | 4 910    | 7 660              |                        | 138                     | 67                   | 46                             | 44                             | 1,4                                                                                 | 2,9   |
|         |               | 7,7                   | 1 250            | 10                                       | 5 410          | 4 590    | 7 210              |                        | 102                     | 64                   | 43                             | 41                             | 1,6                                                                                 | 3,3   |
|         |               | 6,0                   | 975              |                                          | 4 350          | 3 680    | 5 800              |                        | 48                      | 58                   | 37                             | 35                             | 2,1                                                                                 | 4,2   |
|         |               | 5,0                   | 795              |                                          | 3 710          | 3 140    | 4 950              |                        | 32                      | 54                   | 33                             | 31                             | 2,6                                                                                 | 5,2   |
|         |               | 4,0                   | 625              |                                          | 3 020          | 2 560    | 4 050              |                        | 17                      | 49                   | 29                             | 27                             | 3,3                                                                                 | 6,6   |
|         |               | 2,0                   | 290              |                                          | 1 410          | 1 250    | 2 050              |                        | 4                       | 36                   | 16                             | <15                            | 7,1                                                                                 | 14,2  |
| 42M_HEE |               | 10,0                  | 1 505            |                                          | 7 230          | 6 120    | 9 010              |                        | 165                     | 68                   | 48                             | 46                             | 1,4                                                                                 | 2,7   |
|         |               | 9,0                   | 1 410            |                                          | 6 890          | 5 780    | 8 500              |                        | 137                     | 67                   | 45                             | 43                             | 1,5                                                                                 | 2,9   |
|         |               | 7,6                   | 1 250            | 10                                       | 6 290          | 5 200    | 7 600              |                        | 99                      | 63                   | 42                             | 40                             | 1,6                                                                                 | 3,3   |
|         |               | 6,0                   | 975              |                                          | 5 160          | 4 160    | 4 980              |                        | 48                      | 58                   | 37                             | 35                             | 2,1                                                                                 | 4,2   |
|         |               | 5,0                   | 795              |                                          | 4 390          | 3 470    | 4 900              |                        | 32                      | 54                   | 33                             | 31                             | 2,6                                                                                 | 5,2   |
|         |               | 4,0                   | 625              |                                          | 3 570          | 2 780    | 3 850              |                        | 17                      | 49                   | 28                             | 26                             | 3,3                                                                                 | 6,6   |
|         |               | 2,0                   | 290              |                                          | 1 700          | 1 310    | 1 740              |                        | 4                       | 36                   | 16                             | <15                            | 7,1                                                                                 | 14,2  |
| 44P_AC  | V5            |                       | 1 260            |                                          | 5 280          | 4 760    | 7 250              | 139                    |                         | 63                   | 44                             | 42                             |                                                                                     |       |
|         | V4            |                       | 955              |                                          | 4 400          | 3 850    | 6 030              | 127                    |                         | 57                   | 38                             | 36                             |                                                                                     |       |
|         | V3            |                       | 775              | 10                                       | 3 820          | 3 270    | 5 230              | 117                    |                         | 52                   | 34                             | 32                             |                                                                                     |       |
|         | V2            |                       | 615              |                                          | 3 240          | 2 710    | 4 440              | 108                    |                         | 48                   | 29                             | 27                             |                                                                                     |       |
|         | V1            |                       | 505              |                                          | 2 790          | 2 290    | 3 840              | 97                     |                         | 44                   | 26                             | 24                             |                                                                                     |       |
| 44P_HEE |               | 10,0                  | 1 510            |                                          | 6 130          | 5 100    | 9 210              |                        | 165                     | 68                   | 49                             | 47                             |                                                                                     |       |
|         |               | 9,0                   | 1 415            |                                          | 5 840          | 4 870    | 8 800              |                        | 138                     | 67                   | 46                             | 44                             |                                                                                     |       |
|         |               | 8,0                   | 1 330            | 10                                       | 5 560          | 4 640    | 8 390              |                        | 111                     | 65                   | 44                             | 42                             |                                                                                     |       |
|         |               | 6,0                   | 980              |                                          | 4 350          | 3 680    | 6 620              |                        | 48                      | 58                   | 37                             | 35                             |                                                                                     |       |
|         |               | 5,0                   | 800              |                                          | 3 700          | 3 150    | 5 630              |                        | 32                      | 54                   | 33                             | 31                             |                                                                                     |       |
|         |               | 4,0                   | 624              |                                          | 3 010          | 2 580    | 4 600              |                        | 17                      | 49                   | 29                             | 27                             |                                                                                     |       |
|         |               | 2,0                   | 290              |                                          | 1 450          | 1 260    | 2 340              |                        | 4                       | 36                   | 16                             | <15                            |                                                                                     |       |

(1) Static pressures given for information purposes. For higher available static pressures, consult our sales office.

**Model LI sound level:**

Values are given as a guideline for units with room and installation attenuation of 12 dB (Sizes 0 to 3) and 14 dB (Size 4).

**Model LY sound level:**

Values are given as a guideline for units with room and installation attenuation of 14 dB (Sizes 0 to 3) and 16 dB (Size 4).

(2) Important: the air supply temperature should not exceed 65°C (CIAT recommendation).



## OPTIONS (FACTORY-FITTED)

|                                                                                   | Description                                   | Figures                                                                            | Description                                                                                                                   |
|-----------------------------------------------------------------------------------|-----------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
|  | Condensate drain pump with high safety device |  | - Rectangular smooth metal supply air sleeve.<br>- Smooth metal rectangular return sleeve on all sizes (models I and Y only). |

## ACCESSORIES (SUPPLIED SEPARATELY)

|                                                                                     | Description                                                                 | Code             |         |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|------------------|---------|
|    | ø100 mm smooth collar                                                       | 7013442          |         |
|                                                                                     | ø125 mm smooth collar                                                       | 7013558          |         |
|    | Self-adjustable<br>fresh air module kit<br>ø100 mm                          | 15/30/45 m³/h    | 7013440 |
|                                                                                     |                                                                             | 60/75/90 m³/h    | 7013544 |
|                                                                                     | Self-adjustable<br>fresh air module kit<br>ø125 mm                          | 15/30/45 m³/h    | 7013555 |
|                                                                                     |                                                                             | 60/75/90 m³/h    | 7013556 |
|                                                                                     |                                                                             | 120/150/180 m³/h | 7013557 |
|  | Resilient mounts<br>(4 per unit)                                            | 0219453          |         |
|                                                                                     | Condensate pan extension for recovery of condensates underneath the spigots | 7587765          |         |

## Flexible connections for models with or without valves, except for automatic balancing valves (please consult us)

| Assembly               |                                                                                     | Description                                                                                                                                                                                                                                                                                         | Code | Size 0 to 4                                                    | Sizes 5 & 6                                                                          |
|------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------------------------------------------------------|--------------------------------------------------------------------------------------|
| For 2-tube coils       |                                                                                     |                                                                                                                                                                                                                                                                                                     |      | Customer side coupling G1/2"                                   | Customer side coupling G3/4"                                                         |
| without valve          |  | 2 M1 9 mm thick insulated flexible connections EPDM pipe + PN10 stainless steel braid length 300 mm Male coupling with flat face/Female rotary coupling on customer side                                                                                                                            | Code | 2 x 5202288                                                    | 2 x 7247867                                                                          |
| 3-way valve + by-pass  |                                                                                     | 2 M1 9 mm thick insulated flexible connections EPDM pipe + PN10 stainless steel braid length 300 mm Rotary female couplings on both sides                                                                                                                                                           | Code | 2 x 5202289                                                    | 2 x 5202298                                                                          |
| two-way valve standard |                                                                                     | 2 M1 9 mm thick insulated flexible connections EPDM pipe + PN10 stainless steel braid length 300 mm Including: 1 with male coupling with flat face / Female rotary coupling on customer side<br>1 with female rotary coupling on both sides                                                         | Code | 5202288 + 5202289                                              | 2 x 7247867 +<br>2 x 5202298                                                         |
| Assembly               |                                                                                     | Description                                                                                                                                                                                                                                                                                         | Code | Size 0 to 4                                                    | Sizes 5 & 6                                                                          |
| For 4-tube coils       |                                                                                     |                                                                                                                                                                                                                                                                                                     |      | Customer side coupling Heating G1/2"<br>Cooling G1/2"          | Customer side coupling Heating G3/4"<br>Cooling G3/4"                                |
| without valve          |  | EPDM pipe + PN10 stainless steel braid length 300 mm Male coupling with flat face/Female rotary coupling on customer side<br>HEATING: 2 non-insulated<br>COOLING: 2 M1 9 mm thick insulated connections                                                                                             | Code | HEATING:<br>2 x 7247868<br>COOLING:<br>2 x 5202288             | HEATING:<br>2 x 7401828<br>COOLING:<br>2 x 7247867                                   |
| 3-way valve + by-pass  |                                                                                     | EPDM pipe + PN10 stainless steel braid length 300 mm Rotary female couplings on both sides<br>HEATING: 2 non-insulated<br>COOLING: 2 M1 9 mm thick insulated connections                                                                                                                            | Code | HEATING:<br>2 x 7247837<br>COOLING:<br>2 x 5202289             | HEATING:<br>2 x 7387851<br>COOLING:<br>2 x 5202298                                   |
| two-way valve standard |                                                                                     | 4 EPDM pipe+PN10 stainless steel braid length 300 mm flexible connections, including:<br>2 with male coupling with flat face / Female rotary coupling on customer side<br>2 with female rotary coupling on both sides<br>HEATING: 2 non-insulated<br>COOLING: 2 M1 9 mm thick insulated connections | Code | HEATING:<br>7247868 + 7247837<br>COOLING:<br>5202288 + 5202289 | HEATING:<br>1 x 7401828 +<br>1 x 7387851<br>COOLING:<br>1 x 7247867 +<br>1 x 5202298 |



## SPECIFICATION TEXT

### COMFORT LINE™ H or U model

**Ductable comfort units** must comply with standards and regulations in force, in particular: EN ISO 7730 (thermal comfort), EN 779 (filters), EN 1216 (water coils), EN 50022 (DIN rails), NF C15-100 (electrical components), NF S90-351 (health, airborne contamination control) and the circular DGS n°97/311 (disinfection of air conditioning systems). Eco designed in accordance with standard EN 14062 and in compliance with environmental certification ISO 14001. They will be manufactured according to the quality assurance standard ISO 9001, EUROVENT and will have the CE mark.

**The casing** is made from galvanised steel sheet metal and assembled with zinc-nickel plated steel fastenings. No rivet fastenings can be accepted to allow disassembly at the end of the unit's service life. Acoustic and thermal **insulation** will be provided by 10 mm of polyester textile fibre. The fire rating will be M1. Erodible insulation will not be permitted. **It is essential that fine particles are not released, to protect the health of individuals and to comply with future European directives.**

**The intake** will be through one or more return grilles via a plenum with circular nozzles that can be connected to flexible ducting (ø200 mm as standard for all sizes, and also available in ø160 for Sizes 0 to 4 and ø250 for Sizes 5 to 6) to prevent any non-ducted return air within the suspended ceiling.

**The air supply** will come from a plenum with circular nozzles (collar diameters identical to the air supply diameters) ducted to one or more grilles that are correctly sized for optimised air distribution to ensure optimum comfort.

**The EPURE function (air purification system) is to exceed the WHO's recommendations on particle removal, reducing PM2.5 particulates to below 10 µg/m³ in less than an hour.**

**The unit is to be fitted with an air filter** made of polypropylene with an M1 fire rating, that will not release glass fibres. The filter should be a high energy efficiency multi-pleated filter with a filter area of at least 10 times the intake surface area.

Its high retention capacity ensures an increased service life (flat filters will not be permitted). In order to reduce waste at the end of the service life, it must be able to be completely incinerated with no sorting of materials necessary. No modification of the frame should be necessary to replace the filter.

**The water coil** will be made of copper tubes and continuous fins in seamed aluminium. The connections should have couplings with integrated swivel nut to reduce the number of intermediate couplings, thereby reducing the risk of leaks (direct assembly of valves).

The coils will be equipped with air bleed and draining valves. They will be tested under extreme conditions with a minimum test pressure of 18 bar. In order to reduce energy consumption and simplify commissioning, it will be possible to fit them with automatically adjusted differential pressure valves to ensure the water flow rate is maintained, once it has been set with the manual handle.

**The condensate pan** under the coil and under the valves must be a single unit (no leaks) and made from non-corrodible polymer with an M1 fire rating. It must be possible to remove the pan from underneath the unit when required. As far as is possible, an installation without any condensate drain pumps is preferable (condensate gravity draining) to keep maintenance costs down. If a pump is necessary, **it must feature a high safety device enabling the cooling valve to be closed if high levels are detected.**

The 230V single-phase **additional electric heater**. The unit is to be fitted with safety limiters that comply with the applicable standards.

**The fan motor assembly**, mounted on anti-vibration mounts, will be fitted with a Brushless technology low-consumption **HEE** motor. Single-phase 230V 50/60Hz, it may be controlled by a progressive control signal 0-10V or 3-speed ON/OFF with no need for an additional electronic board. It will be fitted with an automatic overload protection with alarm report via KNX bus. It will be fitted with 1 or 2 high energy efficiency **HEE** double inlet impellers with forward curved blades.

The fan motor assembly will be balanced on the production line to guarantee the G6.3 balance standard.

**An electrics box** that is enclosed and of large dimensions, fitted with a DIN rail, will be able to accommodate and protect all the control components from dust. The safety of the electrical cables must be ensured using cable glands. The electrical and hydraulic feeds must both be on the same side to facilitate maintenance operations. Parallel control of 2 motors is prohibited. In order to ensure reliability, the control will be factory-fitted to eliminate any risks of leaks, for electrical safety and for the proper protection of components.

**The clean fresh air inlet** will be able to be ducted. Where possible, it shall be positioned in line with the air supply.

**Resilient mounts** will be placed between the unit's mountings and the threaded rods to prevent any transmission of noise.

#### Environmental report

An analysis of the life-cycle and the environmental implications will be available, in accordance with ISO 14040.

**Eco-design** should be a permanent consideration. The unit as a whole must be at least 94% recyclable. The unit must be easy to dismantle at end of life.

#### Guarantees

The manufacturer guarantees the equipment's performance, and will provide the documents attesting to the equipment's compliance with the attached specifications and with the STANDARDS, in particular the heating and cooling capacity (total and sensible), the air flow, the motor power input, the efficiency of the filters and the sound power spectrum. Using a simulation tool, the manufacturer of the diffusion grilles must be able to give the relevant comfort indices or the values in compliance with the standard EN ISO 7730. The system start-up and maintenance guide for the unit must be in the language used in the country of installation. The manufacturer's technical specifications and the equipment's sound pressure must be given in the **documents to be appended to the submission**.

### COMFORT LINE™ model LI or LY

**Ductable comfort units** must comply with standards and regulations in force, in particular: EN ISO 7730 (thermal comfort), EN 779 (filters), EN 1216 (water coils), EN 50022 (DIN rails), NF C15-100 (electrical components), NF S90-351 (health, airborne contamination control) and the circular DGS n°97/311 (disinfection of air conditioning systems). Eco designed in accordance with standard EN 14062 and in compliance with environmental certification ISO 14001. They will be manufactured according to the quality assurance standard ISO 9001, EUROVENT and will have the CE mark.

**The casing** is made from galvanised steel sheet metal and assembled with zinc-nickel plated steel fastenings. No rivet fastenings can be accepted to allow disassembly at the end of the unit's service life. Acoustic and thermal **insulation** is provided by 10 mm of polyester textile fibre. The fire rating will be M1. No erodible insulation or insulation without a protective covering may be used. **It is essential that fine particles are not released, to protect the health of individuals and to comply with future European directives.**

**Intake** will be via a return panel with a micro perforated return grille integrated with the unit by an adjustable sleeve. Adjustment from 0 to 40 mm will be possible (no foul air from the suspended ceiling, improved hygiene, clean air). Non-ducted return within the suspended ceiling is prohibited. It must be possible to provide access in less than 3 seconds to the filter via the RAL 9010 white return grille (opened with a tool for secure access) to ensure low maintenance costs. It must also be possible to remove the fan motor assembly without having to remove the unit.

For sizes 0 and 2, there are two possible grille dimensions:

- Standard panel 700 x 300 mm,
- Optional panel 1200 x 300 mm with the unit centred or offset in relation to the panel.

For sizes 3 and 4:

- Standard panel 1200 x 300 mm with the unit centred or offset in relation to the panel.

**The air supply** will come via a double-deflection grille with Coanda effect, correctly sized by the manufacturer for optimum air diffusion for guaranteed comfort.

Depending on the case, the connection to this grille is either via a rectangular duct (LI assembly), or via a circular sound-absorbing duct ø160 mm (LY assembly).

**The EPURE function (air purification system) is to exceed the WHO's recommendations on particle removal, reducing PM2.5 particulates to below 10 µg/m³ in less than an hour.**

**The unit is to be fitted with an air filter** made of polypropylene with an M1 fire rating, that will not release glass fibres. The filter should be a high energy efficiency multi-pleated filter with a filter area of at least 10 times the intake surface area. Its high retention capacity ensures an increased service life (flat filters will not be permitted). In order to reduce waste at the end of the service life, it must be able to be completely incinerated with no sorting of materials necessary. No modification of the frame should be necessary to replace the filter.

**The water coil** will be made of copper tubes and continuous fins in seamed aluminium. The connections should have couplings with integrated swivel nut to reduce the number of intermediate couplings, thereby reducing the risk of leaks (direct assembly of valves).

The coils will be equipped with air bleed and draining valves. They will be tested under extreme conditions with a minimum test pressure of 24 bar. In order to reduce energy consumption and simplify commissioning, it will be possible to fit them with automatically adjusted differential pressure valves to ensure the water flow rate is maintained, once it has been set with the manual handle.

**The condensate pan** under the coil and under the valves must be a single unit (no leaks) and made from non-corrodible polymer with an M1 fire rating. The patented design does not require it to be tilted. The coil rests on a central part of the pan, completely horizontal, and therefore with no bypass area. Condensates are drained through 2 steep channels either side of the coil. The external part of the pan that collects condensate from the valves has an inverted slope to guide the condensate to the drain holes. This will eliminate any risk of spreading bacteria, which ensures perfect hygiene. The condensate outlet is to be raised (25 mm) to ensure a gravity drain. It must be possible to remove the pan from underneath the unit when required. As far as is possible, an installation without any condensate drain pumps is preferable (condensate gravity draining) to keep maintenance costs down. If a pump is necessary, **it must feature a high safety device enabling the cooling valve to be closed if high levels are detected.**

**The additional electric heater** running in 230V single-phase must be shielded with **stainless steel**. It should be placed in front of the water coil in order to save energy (for simultaneous hot water and auxiliary electric heater usage). The unit is to be fitted with safety limiters that comply with the applicable standards. All electric heaters with incandescent wires or sacrificial fuses will be prohibited.

**The fan motor assembly**, mounted on anti-vibration mounts, will be fitted with a low-consumption **HEE** motor with BLAC (BrushLess Alternate Current) technology, which offers more linear torque progression and a lower operating sound level than BLDC (Brushless Direct Current) technology. All BLDC motors will be prohibited. Single-phase 230V 50/60Hz, it may be controlled by a progressive control signal 0-10V or 3-speed ON/OFF with no need for an additional electronic board. It will be fitted with an automatic overload protection with alarm report via KNX bus. It will be fitted with 1 or 2 high energy efficiency HEE double inlet impellers with forward curved blades.

The fan motor assembly will be balanced on the production line to guarantee the G6.3 balance standard.

**An electrics box** that is enclosed and of large dimensions, fitted with a DIN rail, will be able to accommodate and protect all the control components from dust. The safety of the electrical cables must be ensured using cable glands. The electrical and hydraulic feeds must both be on the same side to facilitate maintenance operations. Parallel control of 2 motors is prohibited. In order to ensure reliability, the control will be factory-fitted to eliminate any risks of leaks, for electrical safety and for the proper protection of components.

**The clean fresh air inlet** will be ducted. Where possible, it shall be positioned in line with the air supply.

**Resilient mounts** will be placed between the unit's mountings and the threaded rods to prevent any transmission of noise.

#### **Guarantees**

The manufacturer guarantees the equipment's performance, and will provide the documents attesting to the equipment's compliance with the attached specifications and with the STANDARDS, in particular the heating and cooling capacity (total and sensible), the air flow, the motor power input, the efficiency of the filters and the sound power spectrum. Using a simulation tool, the manufacturer of the terminal units must be able to give the relevant comfort indices or the values in compliance with the standard EN ISO 7730. The system start-up and maintenance guide for the unit must be in the language used in the country of installation. The manufacturer's technical specifications and the equipment's sound pressure must be given in **the documents to be appended to the submission**.



The quality management system of this product's assembly site has been certified in accordance with the requirements of the ISO 9001 standard (latest current version) after an assessment conducted by an authorized independent third party.  
The environmental management system of this product's assembly site has been certified in accordance with the requirements of the ISO 14001 standard (latest current version) after an assessment conducted by an authorized independent third party.  
The occupational health and safety management system of this product's assembly site has been certified in accordance with the requirements of the ISO 45001 standard (latest current version) after an assessment conducted by an authorized independent third party.  
Please contact your sales representative for more information.

Order No: NA22.715B - 12.2022. Supersedes order No.: NA22.715A - 08.2022.

CARRIER SCS - Rte de Thil - 01120 Montluel, France.

Manufacturer reserves the right to change any product specifications without notice.

The illustrations in this document are for illustrative purposes only and not part of any offer for sale or contract. The manufacturer reserves the right to change the design at any time without notice.