

















FCZ-H

Fan coil with the photocatalytic device, for universal and floor installation



- Photocatalytic device
- Tested effectiveness against viruses, bacteria and allergens
- Active against the SARS-CoV-2 virus, even on surfaces
- Backlit touch command (accessory)





DESCRIPTION

Fan coil with built-in **photocatalytic device**.

Active against the airborne Sars-CoV-2 virus (95%-99% abatement efficacy after 20 minutes of operation tested at the Virostatics laboratory in Alghero).

Active against the SARS-CoV-2 virus, even on surfaces - 84% effectiveness after 12 h (tests carried out in collaboration with the Department of Microbiology of the University of Padua).

Suitable for air conditioning in places requiring optimum hygiene levels, such as:

- Hospitals
- Dentists' surgeries
- Doctors' and vets' surgeries
- Analysis laboratories
- Waiting rooms
- Public premises

They can be installed in any type of 2-pipe system (version for 4-pipe systems available upon request) and in combination with any heat generator, even at low temperatures. Thanks to the availability of several versions and configurations, it's easy to find the right solution for every need.

VERSIONS

- H Unit with shell without thermostat vertical and horizontal installation.
- HP Unit without shell and without thermostat vertical and horizontal installation. Can also be supplied in a configuration equipped with a boosted asynchronous motor (HPO).
- HT Unit with shell and thermostat vertical installation.

FEATURES

Case

Metallic protective cabinet with rustproofing polyester paint RAL 9003. The head with adjustable air distribution grille is made of plastic RAL 7047. When the grille closes, the fan coil automatically switches off.

Ventilation group

Comprised of a dual intake centrifugal fan that is particularly silent, statically and dynamically balanced and directly coupled to the motor shaft.

The electric motor is single-phase and asynchronous, mounted on anti-vibration supports, and has a permanently engaged condenser.

The scroll that protects the fan can be extracted and inspected, for easy and effective cleaning.

Apart from the traditional asynchronous motor, each unit can also be supplied with an inverter (brushless) motor. Refer to the relative FCZI - H datasheet

Finned pack heat exchanger

With copper pipes and aluminium louvers, the main heat exchanger has female gas water connections on the left side and the manifolds have air vents.

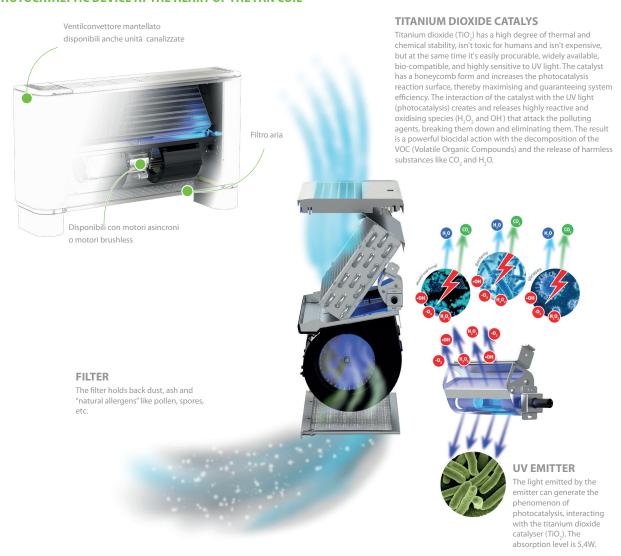
The coil is not suitable for use in corrosive atmosphere or in environments where aluminium may be subject to corrosion.

The coil is not reversible during installation but, when ordering, you can choose units with the coil water connections on the right (at no extra charge).

Air filter

Air filter class **COARSE 25%** for all versions; easy to pull out and clean. Shrouds can be pulled out and inspected for easy and effective cleaning.

PHOTOCATALYTIC DEVICE AT THE HEART OF THE FAN COIL



GUIDE TO SELECTING THE POSSIBLE CONFIGURATIONS

Configuration options FCZ - H

| Field | Description |
|-------|---|
| 1,2,3 | FCZ |
| 4 | Size 2, 3, 4, 5, 6, 9 |
| 5 | main heat exchanger |
| 0 | Standard |
| 5 | Oversized |
| 6 | Secondary heat exchanger |
| 0 | Without coil |
| 7 | Version |
| Н | Unit with shell without thermostat - vertical and horizontal mount |
| HP | Unit without shell and thermostat - vertical and horizontal mount |
| HP0 | Unit without shell and thermostat with upgraded motor - vertical and horizontal mount |
| HPOR | Unit without shell and thermostat with upgraded motor - vertical and horizontal installation - water connections on the right |
| HPR | Unit without shell and thermostat - vertical and horizontal installation - water connections on the right |
| HR | Unit with shell without thermostat - vertical and horizontal installation - water connections on the right |
| HT | Unit with shell with thermostat - vertical mount |
| HTR | Unit with shell with thermostat - vertical mount - water connections on the right |

ACCESSORIES

Control panels and dedicated accessories - FCZ-H

AER503IR: Flush-mounting thermostat with backlit display, capacitive keypad and infrared receiver, for controlling both brushless fan coils and those

with an asynchronous motor. In 2-pipe systems, the thermostat can control standard fan coils or those equipped with an electric heater, with air puri-

fying devices (Cold Plasma and germicidal lamp), with radiant plate or with FCZ-D twin delivery (Dualjet). In addition, it can control systems with radiant panels or mixed (fan coil and radiant floor) systems. Being equipped with an infrared receiver, it can, in turn, be controlled by the VMF-IR remote control.

PRO503: Wall box for AER503IR and VMF-E4 thermostats.

SA5: air probe kit (L = 15 m) with probe-locking cable grommet.

SA503: Wall-mountable ambient sensor, compatible with AER503IR.

SIT3: Thermostat Interface Card allowing the creation of a network of fan coils (max. 10) commanded by a central control panel (selector or thermostat). Commands the 3 fan speeds and must be installed on each fan coil within the network; receives the commands from the selector or the SIT5 card. In case you decide to install Aermec thermostats and current absorbed by the unit exceeds 0.7 A, you're obliged to include SIT3 accessory.

SIT5: Thermostat Interface Card allowing the creation of a network of fan coils (max. 10) commanded by a central control panel. Commands the 3 fan speeds and up to 2 valves (four pipe systems); sends the thermostat's commands to the fan coil network.

SW3: Water probe (L = 2.5 m) for controlling the minimum and maximum and to allow automatic seasonal switching for electronic thermostats fitted with water side changeover.

SW5: water probe kit (L = 15m) with probe-holder connection point, fixing clip and probe-holder from heat exchanger.

TX: Wall-mounting thermostat for controlling either brushless fan coils or those with asynchronous motors for 2/4 pipe. In 2-pipe systems, the thermostat can control standard fan coils or those equipped with an electric heater, with air purifying devices, radiant plate or FCZ-D twin delivery (Dualjet).

TXB: Wall-mounting thermostat for controlling either brushless fan coils or those with asynchronous motors for 2/4 pipe. In 2-pipe systems, the thermostat can control standard fan coils or those equipped with an electric heater, with air purifying devices, radiant plate or FCZ-D twin delivery (Dualjet).

VMF system

The fan coil can also be teamed up with the VMF system; please contact headquarters about compatibility with the various system

Common accessories

VCZ: 3-way motorised valve kit for the main coil. The kit is made up of a valve with its insulating shell, actuator and relative hydraulic fittings. It can be installed on fan coils with both right and left connections. If the valve is combined with the BCZ5 or BCZ6 condensate drain pan, to ensure a better housing it is possible to remove the insulating shell.

VCZD: 2-way motorised valve kit. The kit consists of a valve, an actuator and the relative pipe fittings. It can be installed on fan coils with both right and left connections.

VCFD: Motorized 2-way valve kit without insulating shell, can be installed on the main or secondary battery or a battery that is only warm. The kit is made up of a valve, actuator and relative hydraulic fittings. It can be installed on fan coils with connections on the right and on the left.

VCF41 - 42 - 43 - for main heat exchanger: 3-way motorised valve kit for the main coil. The kit is made up of a valve with its insulating shell, actuator and relative hydraulic fittings. It can be installed on fan coils with both right and left connections. If the valve is combined with the BCZ5 or BCZ6 condensate drain pan, to ensure a better housing it is possible to remove the insulating shell.

VJP: Control and balancing combination valve for 2 and 4 pipe systems to install outside the unit.

AMP: Wall mounting kit

DSC: Condensate drainage device.

BCZ: Condensate drip. If the valve is paired with the BCZ5 or BCZ6 condensate drip tray, the insulating shell can be removed to ensure better housing.

PCZ: Metal panel for the unit rear closing. SPCZ brackets are necessary to fix floor standing fan coils.

GA: Lower intake grille for encapsulated fan coils. Can also be used in wall-mounted or floor installations, the FIKIT accessory is needed only in the case of floor installation.

FIKIT: Metal supports for vertical installation of the GA grille.

ZXZ: Pair of stylish and structural feet

BC: Condensate drip.

Ventilcassaforma: Galvanised sheet metal template. It makes it possible to obtain directly in the wall a space for housing the fan coil.

3

SPCZ: Brackets to fix the fan coil to the floor.

ACCESSORIES COMPATIBILITY

Control panels and dedicated accessories - FCZ-H

| Model | Ver | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 550 | 600 | 650 | 900 | 950 |
|--------------|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| AER503IR (1) | H,HP | • | • | • | • | • | • | | • | • | • | • | • |
| PR0503 | H,HP | • | • | • | • | • | • | | | | • | • | • |
| SA5 (2) | H,HP,HT | • | • | • | • | • | • | | • | • | • | • | • |
| SA503 (3) | H,HP | • | • | • | • | • | • | • | • | • | • | • | • |
| SIT3 (4) | H,HP,HT | • | • | • | • | • | • | • | • | • | • | • | • |
| SIT5 (5) | H,HP,HT | • | • | • | • | • | • | | | • | • | | • |
| SW3 (2) | H,HP,HT | • | • | • | • | • | • | • | | | • | • | • |
| SW5 (2) | H,HP,HT | • | • | • | • | • | • | • | • | • | • | • | • |
| TX (6) | H,HP | • | • | • | • | • | • | • | • | • | • | • | • |
| TXB (7) | H,HP | • | • | • | | • | • | • | • | • | • | • | • |

- (1) Wall-mount installation.
- (2) Probe for AERSO3IR-TX thermostats, if fitted.(3) Thermostat probe for AERSO3IR if available.

- (3) Probe for AERSO3IR-TX thermostats, if present, to be installed if the unit absorption exceeds 0,7 Ampere.
 (6) Wall-mounting. If the unit intake exceeds 0.7A, or several units need to be managed with a single thermostat, board SIT3 and/or SIT5 is required.
 (7) Installation on the fan coil.

Common accessories

3 way yalye kit

| J way valve kit | | | | | | | | | | | | | |
|-----------------|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Model | Ver | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 550 | 600 | 650 | 900 | 950 |
| VCZ41 (1) | H,HP,HT | • | • | | | | | | | | | | |
| VCZ4124 (2) | H,HP,HT | • | • | | | | | | | | | | |
| VCZ42 (1) | H,HP,HT | | | • | • | • | • | • | • | • | • | | |
| VCZ4224 (2) | H,HP,HT | | | • | | | | | | | | | |
| VCZ43 (1) | H,HP,HT | | | | | | | | | | | • | • |
| VCZ4324 (2) | H.HP.HT | | | | | | | | | | | | • |

(1) 230V~50Hz

2 way valve kit

| Model | Ver | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 550 | 600 | 650 | 900 | 950 |
|-------------|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| VCZD1 (1) | H,HP,HT | • | • | | | | | | | | | | |
| VCZD124 (2) | H,HP,HT | • | • | | | | | | | | | | |

| Model | Ver | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 550 | 600 650 | 900 | 950 |
|---|----------------------|--------------------|----------------|--------------------|--------------------|---------------|--------------------|--------------------|------------------|--------------------|----------------|--------------------|
| /CZD2 (1) | H,HP,HT | | | | | • | | | | | | |
| /CZD224 (2) | H,HP,HT | | | | | | | | | | | |
| (CZD3 (1) | H,HP,HT | | | | | | | | | | | |
| /CZD324 (2) | Н,НР,НТ | | | | | | | | | | | |
| 1) 230V~50Hz | ,, | ' | | | | | | | | 1 | | |
| 2) 24V | | | | | | | | | | | | |
| Combined Adjustment and Model | d Balancing V Ver | aive Kit 200 |) 250 | 300 | 350 | 400 | 450 | 500 | 550 | 600 650 | 900 | 950 |
| /JP060 (1) | H,HP,HT | | . 250 | • | • | 100 | 130 | 300 | | 000 030 | | |
| /JP060M (2) | H,HP,HT | • | • | • | • | | | | | | | |
| /JP090 (1) | H,HP,HT | | | <u> </u> | <u> </u> | | | | | | | |
| /JP090M (2) | H,HP,HT | | | | | <u> </u> | • | • | · | • • | | |
| /JP150 (1) | H,HP,HT | | | | | <u> </u> | • | • | • | • | | |
| /JP150M (2) | Н,НР,НТ | | | | | | | | | | <u> </u> | · |
| 1) 230V~50Hz | п,пг,пт | | | | | | | | | | | <u> </u> |
| 2) 24V | | | | | | | | | | | | |
| Vall mounting kit Ver | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 550 | 600 | 650 | 900 | 950 |
| ver H,HP | | | | | | | | | | | | |
| п,нг | AMP20 | AMP20 | AMP20 | AMP20 | AMP20 | AMP20 | AMP20 | AMP20 | AMP20 | AMP20 | AMP20 | AMP20 |
| Condensate drainage | | | | | | | | | | | | |
| Model | Ver | 200 | | 300 | 350 | 400 | 450 | 500 | 550 | 600 650 | 900 | 950 |
| SCZ4 (1) | HP | • | • | • | • | • | • | • | • | • • | • | • |
| DSCZ4 due to space problems inside contact the head office. | the unit, the VCZ1-2 | -3-4 X4L/R valv | es cannot be n | nounted togeth | er with the an | np/AMPZ acces | sories, with all | the condense | ite collection t | rays. With the VMF | -E19/E19I then | mostats, ple |
| Condensate drip | | | | | | | | | | | | |
| Ver | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 550 | 600 | 650 | 900 | 950 |
| H,HP,HT | BCZ4 (1), | BCZ4 (1), | BCZ4 (1), | BCZ4 (1), | BCZ4 (1), | BCZ4 (1), | BCZ4 (1), | BCZ4 (1), | BCZ4 (1) | | BCZ6 (2) | BCZ6 (2) |
| ,, | BCZ5 (2) | BCZ5 (2) | BCZ5 (2) | BCZ5 (2) | BCZ5 (2) | BCZ5 (2) | BCZ5 (2) | BCZ5 (2) | BCZ5 (2) | BCZ5 (2) | J CLO (L) | 5020 (2) |
| 1) For vertical installation. 2) For horizontal installation. | | | | | | | | | | | | |
| Ver | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 550 | 600 | 650 | 900 | 950 |
| HP | BC8 (1) | BC8 (1) | BC8 (1) | BC8 (1) | BC8 (1) | BC8 (1) | BC8 (1) | BC8 (1) | BC8 (1) | BC8 (1) | BC9 (1) | BC9 (1) |
| | 222 (1) | (-) | (-) | 2 22 (1) | (-) | (., | (.) | (., | (-) | 2 35 (1) | | (-) |
| 1) For horizontal installation. | _ | | | | | | | | | | | |
| Panel closing the rear of th | ne unit | | | | | | | | | | | |
| Ver | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 550 | 600 | 650 | 900 | 950 |
| H,HT | PCZ200 | PCZ200 | PCZ300 | PCZ300 | PCZ500 | PCZ500 | PCZ500 | PCZ500 | PCZ800 | PCZ800 | PCZ1000 | PCZ1000 |
| Grille also applicable for fl | oor installati | on | | | | | | | | | | |
| Ver | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 550 | 600 | 650 | 900 | 950 |
| H,HP,HT | GA200 | GA200 | GA300 | GA300 | GA500 | GA500 | GA500 | GA500 | GA800 | GA800 | GA800 | GA800 |
| | | | | | | | | | | | | |
| Metal supports for GA grill | | 350 | 200 | 350 | 400 | 450 | F00 | | | | | 050 |
| Ver | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 550 | 600 | 650 | 900 | 950 |
| Н,НР,НТ | FIKIT200 | FIKIT200 | FIKIT300 | FIKIT300 | FIKIT500 | FIKIT500 | FIKIT500 | FIKIT500 | FIKIT800 | FIKIT800 | FIKIT800 | FIKIT800 |
| /entilcassaforma | | | | | | | | | | | | |
| Ver | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 550 | 600 | 650 | 900 | 950 |
| HP | CHF22 | CHF22 | CHF32 | CHF32 | CHF42 | CHF42 | CHF42 | CHF42 | CHF62 | CHF62 | CHF62 | CHF62 |
| Brackets to fix the fan coil | to the floor. | | | | | | | | | | | |
| | | | | | | | | | | | | |
| Ver | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 550 | 600 | 650 | 900 | 950 |
| | 200 | | | | | | | | | | | |
| н,нт | 200 SPCZ | 250 SPCZ | 300 SPCZ | 350 SPCZ | 400 SPCZ | 450 SPCZ | 500 SPCZ | 550 SPCZ | SPCZ | 650 SPCZ | 900 SPCZ | 950 SPCZ |
| H,HT Pair of stylish structural fe | 200 SPCZ | SPCZ | SPCZ | SPCZ | SPCZ | SPCZ | SPCZ | SPCZ | SPCZ | SPCZ | SPCZ | SPCZ |
| | 200 SPCZ | | | | | | | | | | | |

PERFORMANCE SPECIFICATIONS

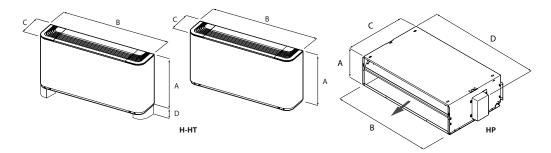
2-pipe

| 2-pipe | | F(7300II | | | EC72EAU | | | EC7200H | | | | F.673.FAU | | FCZ400H | | | FCZ450H | | | |
|--|---|--|--|---|--|--|---|---|---|---|---|---|--|--|--|--|--|---|--|--|
| | | | FCZ200H | | _ | FCZ250H | | 1 | FCZ300l | | 1 | FCZ350H | | | FCZ400F 2 | | 1 | | | |
| | | 1 | 2 M | 3 H | 1 L | 2 M | 3 H | L | 2 M | 3 H | | 2 M | 3 H | 1 L | <u>Z</u> M | 3 H | | 2 M | 3 H | |
| Heating performance 70 °C / 60 °C (1) | | L | IVI | П | L | IVI | П | L | IVI | П | L | IVI | П | L | IVI | П | L | IVI | П | |
| Heating capacity | kW | 2,02 | 2,95 | 3,70 | 2,20 | 3,18 | 4,05 | 3,47 | 4,46 | 5,50 | 3,77 | 4,92 | 6,15 | 4,32 | 5,74 | 7,15 | 4,57 | 6,29 | 7,82 | |
| Water flow rate system side | I/h | 177 | 2,93 | 324 | 193 | 278 | 355 | 304 | 391 | 482 | 330 | 431 | 539 | 379 | 503 | 627 | 400 | 551 | 685 | |
| | kPa | 6 | 12 | 18 | 7 | | | 7 | | | 8 | 14 | 20 | 9 | | | | | 16 | |
| Pressure drop system side | Krd | 0 | 12 | 10 | / | 15 | 23 | / | 12 | 18 | 0 | 14 | 20 | 9 | 16 | 24 | 6 | 11 | 10 | |
| Heating performance 45 °C / 40 °C (2) | LAM | 1.00 | 1 40 | 1.04 | 1.00 | 1 [0 | 2.01 | 1 77 | 2 21 | 2 72 | 1.07 | 2.44 | 2.00 | 2.14 | 2.05 | י דר | 2 27 | 2 12 | 2.00 | |
| Heating capacity | kW | 1,00 | 1,46 | 1,84 | 1,09 | 1,58 | 2,01 | 1,72 | 2,21 | 2,73 475 | 1,87 325 | 2,44 | 3,06 | 2,14 | 2,85 | 3,55 | 2,27 | 3,12 | 3,88 | |
| Water flow rate system side | I/h | 174 | 254 | 319 | 190 | 274 | 350 | 299 | 385 | | | 425 | 531 | 373 | 495 | 617 | 394 | 543 | 675 | |
| Pressure drop system side | kPa | 6 | 12 | 18 | 8 | 15 | 22 | 8 | 12 | 18 | 8 | 14 | 20 | 10 | 16 | 24 | 6 | 11 | 16 | |
| Cooling performance 7 °C / 12 °C | 1111 | 0.00 | 1.20 | 1.00 | 1.00 | 4.55 | 101 | 1.00 | 2.47 | 2.65 | 1 00 | 2.46 | 2.02 | 2 20 | 2.02 | 2.00 | 2.44 | 2.24 | 4.02 | |
| Cooling capacity | kW | 0,89 | 1,28 | 1,60 | 1,06 | 1,55 | 1,94 | 1,68 | 2,17 | 2,65 | 1,89 | 2,46 | 3,02 | 2,20 | 2,92 | 3,60 | 2,41 | 3,21 | 4,03 | |
| Sensible cooling capacity | kW | 0,71 | 1,05 | 1,33 | 0,79 | 1,20 | 1,52 | 1,26 | 1,65 | 2,04 | 1,33 | 1,76 | 2,18 | 1,59 | 2,14 | 2,67 | 1,69 | 2,30 | 2,90 | |
| Water flow rate system side | l/h | 153 | 221 | 275 | 182 | 267 | 334 | 288 | 374 | 456 | 350 | 460 | 560 | 379 | 503 | 619 | 414 | 552 | 694 | |
| Pressure drop system side | kPa | 7 | 13 | 18 | 8 | 17 | 25 | 8 | 13 | 18 | 11 | 18 | 25 | 10 | 17 | 24 | 9 | 15 | 22 | |
| Fan | | | | | | | | | | | | | | | | | | | | |
| Туре | type | | Centrifuga | | | Centrifuga | | | Centrifug | | | Centrifuga | | | entrifuga | | | Centrifuga | | |
| Fan motor | type | As | synchrono | ous | A: | synchrono | us | As | synchron | ous | As | ynchrono | us | As | ynchrono | ous | A: | synchrono | ous | |
| Number | no. | | 1 | | | 1 | | | 2 | | | 2 | | | 2 | | | 2 | | |
| Air flow rate | m³/h | 140 | 220 | 290 | 140 | 220 | 290 | 260 | 350 | 450 | 260 | 350 | 450 | 330 | 460 | 600 | 330 | 460 | 600 | |
| Input power | W | 25 | 29 | 33 | 25 | 29 | 33 | 25 | 33 | 44 | 25 | 33 | 44 | 30 | 43 | 57 | 30 | 43 | 57 | |
| Electrical wiring | | V1 | V2 | V3 | V1 | V2 | V3 | V1 | V2 | V3 | V1 | V2 | V3 | V1 | V2 | V3 | V1 | V2 | V3 | |
| Diametre hydraulic fittings | | | | | | | | | | | | | | | | | | | | |
| Туре | type | | Gas - F | | | Gas - F | | | Gas - F | | | Gas - F | | | Gas - F | | | Gas - F | | |
| Main heat exchanger | Ø | | 1/2" | | | 1/2" | | | 3/4" | | | 3/4" | | | 3/4" | | | 3/4" | | |
| Fan coil sound data (3) | | | | | | | | | | | | | | | | | | | | |
| Sound power level | dB(A) | 35,0 | 46,0 | 51,0 | 35,0 | 46,0 | 51,0 | 34,0 | 41,0 | 48,0 | 34,0 | 41,0 | 48,0 | 37,0 | 44,0 | 51,0 | 37,0 | 44,0 | 51,0 | |
| Sound pressure | dB(A) | 27,0 | 38,0 | 43,0 | 27,0 | 38,0 | 43,0 | 26,0 | 33,0 | 40,0 | 26,0 | 33,0 | 40,0 | 29,0 | 36,0 | 43,0 | 29,0 | 36,0 | 43,0 | |
| Power supply | | | | | | | | | | | | | | | | | | | | |
| Power supply | | 2 | .30V~50H | Ηz | 230V~50Hz | | 230V~50Hz | | | 230V~50Hz | | | 230V~50Hz | | | 2 | Hz | | | |
| | | | | _ | | | | | | | | | | | | | | | | |
| | | FCZ500H | | FCZ550H | | | | | | | | FCZ900H | | | | FCZ950H | | | | |
| | | | | | 1 | | | | FCZ600l | | | FCZ650H | | | | | | | | |
| | | 1 | 2 | 3 | 1 | 2 | 3 | 1 | 2 | 3 | 1 | 2 | 3 | 1 | 2 | 3 | 1 | 2 | 3 | |
| Hasting parformance 70 °C / 60 °C (1) | | | | | 1 L | | | | | | | | | | | | | | | |
| Heating performance 70 °C/60 °C (1) | LW. | 1 L | 2 M | 3 H | L | 2 M | 3 H | 1 L | 2 M | 3 H | 1 L | 2 M | 3 H | 1 L | 2 M | 3 H | 1 L | 2 M | 3 H | |
| Heating capacity | kW | 1 L | 2 M | 3 H 8,50 | 5,82 | 2 M 8,34 | 3 H 9,75 | 1 L | 2 M 8,10 | 3 H | 1 L 7,19 | 2 M 9,15 | 3 H 11,50 | 1 L | 2 M | 3 H | 1 L | 2 M | 3 H 17,10 | |
| Heating capacity Water flow rate system side | I/h | 1 L 5,27 462 | 2 M 7,31 641 | 3 H 8,50 745 | 5,82 510 | 2 M 8,34 731 | 3 H 9,75 855 | 1 L 6,50 570 | 2 M 8,10 710 | 3 H 10,00 877 | 7,19 631 | 2 M 9,15 802 | 3 H 11,50 1008 | 1 L 10,77 945 | 2 M 13,35 1171 | 3 H 15,14 1328 | 1 L 11,20 982 | 2 M 14,42 1264 | 3 H 17,10 1500 | |
| Heating capacity Water flow rate system side Pressure drop system side | | 1 L | 2 M | 3 H 8,50 | 5,82 | 2 M 8,34 | 3 H 9,75 | 1 L | 2 M 8,10 | 3 H | 1 L 7,19 | 2 M 9,15 | 3 H 11,50 | 1 L | 2 M | 3 H | 1 L | 2 M | 3 H 17,10 | |
| Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C/40 °C (2) | I/h kPa | 1 L 5,27 462 12 | 7,31 641 21 | 3 H 8,50 745 28 | 5,82 510 10 | 2 M 8,34 731 20 | 3 H 9,75 855 26 | 1 L 6,50 570 12 | 2 M 8,10 710 18 | 3 H 10,00 877 26 | 7,19 631 14 | 2 M 9,15 802 21 | 3 H 11,50 1008 31 | 1 L 10,77 945 12 | 2 M 13,35 1171 17 | 3 H 15,14 1328 22 | 1 L 11,20 982 16 | 2 M 14,42 1264 25 | 3 H 17,10 1500 33 | |
| Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C/40 °C (2) Heating capacity | I/h kPa kW | 1 L 5,27 462 12 | 2 M 7,31 641 21 | 3 H 8,50 745 28 | 5,82 510 10 | 2 M 8,34 731 20 | 3 H 9,75 855 26 | 1 L 6,50 570 12 | 2 M 8,10 710 18 | 3 H 10,00 877 26 | 7,19 631 14 | 2 M 9,15 802 21 | 3 H 11,50 1008 31 | 1 L 10,77 945 12 | 2 M 13,35 1171 17 | 3 H 15,14 1328 22 7,53 | 1 L 11,20 982 16 | 2 M 14,42 1264 25 | 3 H 17,10 1500 33 | |
| Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 40 °C (2) Heating capacity Water flow rate system side | I/h kPa kW I/h | 1 L 5,27 462 12 2,62 455 | 2 M 7,31 641 21 3,63 631 | 3 H 8,50 745 28 4,22 734 | 5,82 510 10 2,89 502 | 2 M 8,34 731 20 4,14 720 | 3 H 9,75 855 26 4,85 842 | 1 L 6,50 570 12 3,32 561 | 2 M 8,10 710 18 4,03 699 | 3 H 10,00 877 26 4,97 863 | 7,19 631 14 3,57 621 | 2 M 9,15 802 21 4,55 790 | 3 H 11,50 1008 31 5,72 993 | 1 L 10,77 945 12 5,35 930 | 2 M 13,35 1171 17 6,64 1152 | 3 H 15,14 1328 22 7,53 1307 | 1 L 11,20 982 16 5,57 967 | 2 M 14,42 1264 25 7,17 1245 | 3 H 17,10 1500 33 8,50 1476 | |
| Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 40 °C (2) Heating capacity Water flow rate system side Pressure drop system side | I/h kPa kW | 1 L 5,27 462 12 | 2 M 7,31 641 21 | 3 H 8,50 745 28 | 5,82 510 10 | 2 M 8,34 731 20 | 3 H 9,75 855 26 | 1 L 6,50 570 12 | 2 M 8,10 710 18 | 3 H 10,00 877 26 | 7,19 631 14 | 2 M 9,15 802 21 | 3 H 11,50 1008 31 | 1 L 10,77 945 12 | 2 M 13,35 1171 17 | 3 H 15,14 1328 22 7,53 | 1 L 11,20 982 16 | 2 M 14,42 1264 25 | 3 H 17,10 1500 33 | |
| Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 40 °C (2) Heating capacity Water flow rate system side Pressure drop system side Cooling performance 7 °C / 12 °C | I/h kPa kW I/h kPa | 5,27 462 12 2,62 455 12 | 7,31 641 21 3,63 631 21 | 3 H 8,50 745 28 4,22 734 28 | 5,82 510 10 2,89 502 10 | 2 M 8,34 731 20 4,14 720 20 | 3 H 9,75 855 26 4,85 842 26 | 1 L 6,50 570 12 3,32 561 | 2 M 8,10 710 18 4,03 699 18 | 3 H 10,00 877 26 4,97 863 26 | 7,19 631 14 3,57 621 14 | 2 M 9,15 802 21 4,55 790 20 | 3 H 11,50 1008 31 5,72 993 31 | 1 L 10,77 945 12 5,35 930 12 | 2 M 13,35 1171 17 6,64 1152 | 3 H 15,14 1328 22 7,53 1307 22 | 1 L 11,20 982 16 5,57 967 15 | 2 M 14,42 1264 25 7,17 1245 24 | 3 H 17,10 1500 33 8,50 1476 33 | |
| Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 40 °C (2) Heating capacity Water flow rate system side Pressure drop system side Cooling performance 7 °C / 12 °C Cooling capacity | I/h kPa kW I/h kPa | 5,27 462 12 2,62 455 12 | 2 M 7,31 641 21 3,63 631 21 | 3 H 8,50 745 28 4,22 734 28 | 5,82 510 10 2,89 502 10 | 2 M 8,34 731 20 4,14 720 20 | 3 H 9,75 855 26 4,85 842 26 | 1 L 6,50 570 12 3,32 561 12 | 2 M 8,10 710 18 4,03 699 18 | 3 H 10,00 877 26 4,97 863 26 | 7,19 631 14 3,57 621 14 3,95 | 2 M 9,15 802 21 4,55 790 20 | 3 H 11,50 1008 31 5,72 993 31 | 1 L 10,77 945 12 5,35 930 12 | 2 M 13,35 1171 17 6,64 1152 17 | 3 H 15,14 1328 22 7,53 1307 22 | 1 L 11,20 982 16 5,57 967 15 | 2 M 14,42 1264 25 7,17 1245 24 | 3 H 17,10 1500 33 8,50 1476 33 | |
| Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 40 °C (2) Heating capacity Water flow rate system side Pressure drop system side Cooling performance 7 °C / 12 °C Cooling capacity Sensible cooling capacity | I/h kPa kW I/h kPa | 1 L 5,27 462 12 2,62 455 12 2,68 1,94 | 2 M 7,31 641 21 3,63 631 21 3,69 2,73 | 3 H 8,50 745 28 4,22 734 28 4,25 3,18 | 5,82 510 10 2,89 502 10 2,91 2,07 | 2 M 8,34 731 20 4,14 720 20 4,13 2,98 | 3 H 9,75 855 26 4,85 842 26 4,79 3,49 | 1 L 6,50 570 12 3,32 561 12 3,22 2,56 | 2 M 8,10 710 18 4,03 699 18 3,90 3,17 | 3 H 10,00 877 26 4,97 863 26 4,65 3,92 | 7,19 631 14 3,57 621 14 3,95 2,78 | 2 M 9,15 802 21 4,55 790 20 4,80 3,43 | 3 H 11,50 1008 31 5,72 993 31 5,67 4,12 | 1 L 10,77 945 12 5,35 930 12 4,29 2,97 | 2 M 13,35 1171 17 6,64 1152 17 5,00 3,78 | 3 H 15,14 1328 22 7,53 1307 22 6,91 5,68 | 1 L 11,20 982 16 5,57 967 15 5,77 3,80 | 2 M 14,42 1264 25 7,17 1245 24 7,32 4,87 | 3 H 17,10 1500 33 8,50 1476 33 8,60 5,78 | |
| Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 40 °C (2) Heating capacity Water flow rate system side Pressure drop system side Cooling performance 7 °C / 12 °C Cooling capacity Sensible cooling capacity Water flow rate system side | I/h kPa kW I/h kPa kW I/h kPa | 1 L 5,27 462 12 2,62 455 12 2,68 1,94 460 | 2 M 7,31 641 21 3,63 631 21 3,69 2,73 634 | 3 H 8,50 745 28 4,22 734 28 4,25 3,18 731 | 5,82 510 10 2,89 502 10 2,91 2,07 501 | 2 M 8,34 731 20 4,14 720 20 4,13 2,98 711 | 3 H 9,75 855 26 4,85 842 26 4,79 3,49 824 | 1 L 6,50 570 12 3,32 561 12 3,22 2,56 554 | 2 M 8,10 710 18 4,03 699 18 3,90 3,17 671 | 3 H 10,00 877 26 4,97 863 26 4,65 3,92 800 | 7,19 631 14 3,57 621 14 3,95 2,78 595 | 2 M 9,15 802 21 4,55 790 20 4,80 3,43 825 | 3 H 11,50 1008 31 5,72 993 31 5,67 4,12 975 | 1 L 10,77 945 12 5,35 930 12 4,29 2,97 738 | 2 M 13,35 1171 17 6,64 1152 17 5,00 3,78 860 | 3 H 15,14 1328 22 7,53 1307 22 6,91 5,68 1189 | 1 L 11,20 982 16 5,57 967 15 5,77 3,80 992 | 2 M 14,42 1264 25 7,17 1245 24 7,32 4,87 1259 | 3 H 17,10 1500 33 8,50 1476 33 8,60 5,78 | |
| Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 40 °C (2) Heating capacity Water flow rate system side Pressure drop system side Cooling performance 7 °C / 12 °C Cooling capacity Sensible cooling capacity Water flow rate system side Pressure drop system side Pressure drop system side | I/h kPa kW I/h kPa | 1 L 5,27 462 12 2,62 455 12 2,68 1,94 | 2 M 7,31 641 21 3,63 631 21 3,69 2,73 | 3 H 8,50 745 28 4,22 734 28 4,25 3,18 | 5,82 510 10 2,89 502 10 2,91 2,07 | 2 M 8,34 731 20 4,14 720 20 4,13 2,98 | 3 H 9,75 855 26 4,85 842 26 4,79 3,49 | 1 L 6,50 570 12 3,32 561 12 3,22 2,56 | 2 M 8,10 710 18 4,03 699 18 3,90 3,17 | 3 H 10,00 877 26 4,97 863 26 4,65 3,92 | 7,19 631 14 3,57 621 14 3,95 2,78 | 2 M 9,15 802 21 4,55 790 20 4,80 3,43 | 3 H 11,50 1008 31 5,72 993 31 5,67 4,12 | 1 L 10,77 945 12 5,35 930 12 4,29 2,97 | 2 M 13,35 1171 17 6,64 1152 17 5,00 3,78 | 3 H 15,14 1328 22 7,53 1307 22 6,91 5,68 | 1 L 11,20 982 16 5,57 967 15 5,77 3,80 | 2 M 14,42 1264 25 7,17 1245 24 7,32 4,87 | 3 H 17,10 1500 33 8,50 1476 33 8,60 5,78 | |
| Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 40 °C (2) Heating capacity Water flow rate system side Pressure drop system side Cooling performance 7 °C / 12 °C Cooling capacity Sensible cooling capacity Water flow rate system side Pressure drop system side Pressure drop system side Pressure drop system side Fan | I/h kPa kW I/h kPa kW I/h kPa | 1 L 5,27 462 12 2,62 455 12 2,68 1,94 460 13 | 2 M 7,31 641 21 3,63 631 21 3,69 2,73 634 23 | 3 H 8,50 745 28 4,22 734 28 4,25 3,18 731 29 | 5,82 510 10 2,89 502 10 2,91 2,07 501 | 2 M 8,34 731 20 4,14 720 20 4,13 2,98 711 22 | 3 H 9,75 855 26 4,85 842 26 4,79 3,49 824 28 | 1 L 6,50 570 12 3,32 561 12 3,22 2,56 554 14 | 2 M 8,10 710 18 4,03 699 18 3,90 3,17 671 | 3 H 10,00 877 26 4,97 863 26 4,65 3,92 800 26 | 1 L 7,19 631 14 3,57 621 14 3,95 2,78 595 15 | 2 M 9,15 802 21 4,55 790 20 4,80 3,43 825 21 | 3 H 11,50 1008 31 5,72 993 31 5,67 4,12 975 28 | 1 L 10,77 945 12 5,35 930 12 4,29 2,97 738 10 | 2 M 13,35 1171 17 6,64 1152 17 5,00 3,78 860 13 | 3 H 15,14 1328 22 7,53 1307 22 6,91 5,68 1189 22 | 1 L 11,20 982 16 5,57 967 15 5,77 3,80 992 15 | 2 M 14,42 1264 25 7,17 1245 24 7,32 4,87 1259 23 | 3 H 17,10 1500 33 8,50 1476 33 8,60 5,78 1479 | |
| Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 40 °C (2) Heating capacity Water flow rate system side Pressure drop system side Cooling performance 7 °C / 12 °C Cooling capacity Sensible cooling capacity Water flow rate system side Pressure drop system side Pressure drop system side | I/h kPa kW I/h kPa kW I/h kPa | 1 L 5,27 462 12 2,62 455 12 2,68 1,94 460 13 | 2 M 7,31 641 21 3,63 631 21 3,69 2,73 634 | 3 H 8,50 745 28 4,22 734 28 4,25 3,18 731 29 | 5,82 510 10 2,89 502 10 2,91 2,07 501 | 2 M 8,34 731 20 4,14 720 20 4,13 2,98 711 | 3 H 9,75 855 26 4,85 842 26 4,79 3,49 824 28 | 6,50 570 12 3,32 561 12 3,22 2,56 554 | 2 M 8,10 710 18 4,03 699 18 3,90 671 19 | 3 H 10,00 877 26 4,97 863 26 4,65 3,92 800 26 | 7,19 631 14 3,57 621 14 3,95 2,78 595 15 | 2 M 9,15 802 21 4,55 790 20 4,80 3,43 825 21 | 3 H 11,50 1008 31 5,72 993 31 5,67 4,12 975 28 | 1 L 10,77 945 12 5,35 930 12 4,29 2,97 738 10 | 2 M 13,35 1171 17 6,64 1152 17 5,00 3,78 860 13 | 3 H 15,14 1328 22 7,53 1307 22 6,91 5,68 1189 22 | 11,20 982 16 5,57 15 5,77 15 5,77 3,80 992 | 2 M 14,42 1264 25 7,17 1245 24 7,32 4,87 1259 23 | 3 H 17,10 1500 33 8,50 1476 33 8,60 5,78 1479 30 | |
| Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 40 °C (2) Heating capacity Water flow rate system side Pressure drop system side Cooling performance 7 °C / 12 °C Cooling capacity Sensible cooling capacity Water flow rate system side Pressure drop system side Pressure drop system side Fan Type Fan motor | I/h kPa kW I/h kPa kW KW kW kW KW KW | 5,27 462 12 2,62 455 12 2,68 1,94 460 13 | 2 M 7,31 641 21 3,63 631 21 3,69 2,73 634 23 | 8,50 745 28 4,22 734 28 4,25 3,18 731 29 | 5,82 510 10 2,89 502 10 2,91 2,07 501 12 | 2 M 8,34 731 20 4,14 720 20 4,13 2,98 711 22 | 9,75 855 26 4,85 842 26 4,79 3,49 824 28 | 6,50 570 12 3,32 561 12 3,22 2,56 554 | 2 M 8,10 710 18 4,03 699 18 3,90 3,17 671 19 | 3 H 10,00 877 26 4,97 863 26 4,65 3,92 800 26 | 7,19 631 14 3,57 621 14 3,95 2,78 595 15 | 2 M 9,15 802 21 4,55 790 20 4,80 3,43 825 21 | 3 H 11,50 1008 31 5,72 993 31 5,67 4,12 975 28 | 1 L 10,77 945 12 5,35 930 12 4,29 2,97 738 10 | 2 M 13,35 1171 17 6,64 1152 17 5,00 3,78 860 13 | 3 H 15,14 1328 22 7,53 1307 22 6,91 5,68 1189 22 | 11,20 982 16 5,57 15 5,77 15 5,77 3,80 992 | 2 M 14,42 1264 25 7,17 1245 24 7,32 4,87 1259 23 | 3 H 17,10 1500 33 8,50 1476 33 8,60 5,78 1479 30 | |
| Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 40 °C (2) Heating capacity Water flow rate system side Pressure drop system side Cooling performance 7 °C / 12 °C Cooling capacity Sensible cooling capacity Water flow rate system side Pressure drop system side Pressure drop system side Pressure drop system side Fan Type Fan motor Number | kW I/h kPa kW I/h kPa type type no. | 1 L 5,27 462 12 2,62 455 12 2,68 1,94 460 13 | 2 M 7,31 641 21 3,63 631 21 3,69 2,73 634 23 Centrifuga 2 | 3 H 8,50 745 28 4,22 734 28 4,25 3,18 731 29 | 5,82 510 10 2,89 502 10 2,91 2,07 501 12 | 2 M 8,34 731 20 4,14 720 20 4,13 2,98 711 22 Centrifuga | 9,75 855 26 4,85 842 26 4,79 3,49 824 28 | 1 L 6,50 570 12 3,32 561 12 3,22 2,56 554 14 | 2 M 8,10 710 18 4,03 699 18 3,90 3,17 671 19 Centrifug, | 3 H 10,00 877 26 4,97 863 26 4,65 3,92 800 26 | 7,19 631 14 3,57 621 14 3,95 2,78 595 15 | 2 M 9,15 802 21 4,55 790 20 4,80 3,43 825 21 | 3 H 11,50 1008 31 5,72 993 31 5,67 4,12 975 28 | 1 L 1 0,77 945 12 5,35 930 12 4,29 2,97 738 10 (As | 2 M 13,35 1171 17 6,64 1152 17 5,00 3,78 860 13 | 3 H 15,14 1328 22 7,53 1307 22 6,91 5,68 1189 22 | 11,20 982 16 5,57 15 5,77 15 5,77 3,80 992 | 2 M 14,42 1264 25 7,17 1245 24 7,32 4,87 1259 23 Centrifuggynchronoc 3 | 3 H 17,10 1500 33 8,50 1476 33 8,60 5,78 1479 30 | |
| Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 40 °C (2) Heating capacity Water flow rate system side Pressure drop system side Cooling performance 7 °C / 12 °C Cooling capacity Sensible cooling capacity Water flow rate system side Pressure drop system side Pressure drop system side Fan Type Fan motor Number Air flow rate | kW I/h kPa kW I/h kPa kW L/h kPa type type no. m³/h | 1 L S,27 462 12 2,62 455 12 2,68 1,94 460 13 400 | 2 M 7,31 641 21 3,63 631 21 3,69 2,73 634 23 Centrifuga 2 600 | 3 H 8,50 745 28 4,22 734 28 4,25 3,18 731 29 720 | 5,82 510 10 2,89 502 10 2,91 2,07 501 12 | 8,34 731 20 4,14 720 20 4,13 2,98 711 22 Centrifuga 5 5 9 600 | 9,75 855 26 4,85 842 26 4,79 3,49 824 28 | 1 L 6,50 570 12 3,32 561 12 3,22 2,56 554 14 (As | 8,10 710 18 4,03 699 18 3,90 3,17 671 19 Centrifug, yynchrono | 3 H 10,00 877 26 4,97 863 26 4,65 3,92 800 26 | 7,19 631 14 3,57 621 14 3,95 2,78 595 15 | 2 M 9,15 802 21 4,55 790 20 4,80 3,43 825 21 Eientrifuga 3 720 | 3 H 11,50 1008 31 5,72 993 31 5,67 4,12 975 28 | 1 L 10,77 945 12 5,35 930 12 4,29 2,97 738 10 (CAS | 2 M 13,35 1171 17 6,64 1152 17 5,00 3,78 860 13 | 3 H 15,14 1328 22 7,53 1307 22 6,91 5,68 1189 22 | 1 L 11,20 982 16 5,57 967 15 5,77 3,80 992 15 700 | 2 M 14,42 1264 25 7,17 1245 24 7,32 4,87 1259 23 Centrifuga 3 930 | 3 H 17,10 1500 33 8,50 1476 33 8,60 5,78 1479 30 | |
| Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 40 °C (2) Heating capacity Water flow rate system side Pressure drop system side Cooling performance 7 °C / 12 °C Cooling capacity Sensible cooling capacity Water flow rate system side Pressure drop system side Pressure drop system side Pressure drop system side Fan Type Fan motor Number | kW I/h kPa kW I/h kPa type type no. | 1 L 5,27 462 12 2,62 455 12 2,68 1,94 460 13 | 2 M 7,31 641 21 3,63 631 21 3,69 2,73 634 23 Centrifuga 2 600 52 | 3 H 8,50 745 28 4,22 734 28 4,25 3,18 731 29 720 76 | 5,82 510 10 2,89 502 10 2,91 2,07 501 12 400 38 | 2 M 8,34 731 20 4,14 720 20 4,13 2,98 711 22 Centrifuga | 3 H 9,75 855 26 4,85 842 26 4,79 3,49 824 28 | 1 L 6,50 570 12 3,32 561 12 3,22 2,56 554 14 | 2 M 8,10 710 18 4,03 699 18 3,90 3,17 671 19 Centrifug, | 3 H 10,00 877 26 4,97 863 26 4,65 3,92 800 26 | 7,19 631 14 3,57 621 14 3,95 2,78 595 15 | 2 M 9,15 802 21 4,55 790 20 4,80 3,43 825 21 Centrifuga 3 720 60 | 3 H 11,50 1008 31 5,72 993 31 5,67 4,12 975 28 | 1 L 1 0,77 945 12 5,35 930 12 4,29 2,97 738 10 (As | 2 M 13,35 1171 17 6,64 1152 17 5,00 3,78 860 13 | 3 H 15,14 1328 22 7,53 1307 22 6,91 5,68 1189 22 | 1 L 11,20 982 16 5,57 967 15 5,77 3,80 992 15 | 2 M 14,42 1264 25 7,17 1245 24 7,32 4,87 1259 23 Centrifuga 3 930 80 | 3 H 17,10 1500 33 8,50 1476 33 8,60 5,78 1479 30 | |
| Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 40 °C (2) Heating capacity Water flow rate system side Pressure drop system side Cooling performance 7 °C / 12 °C Cooling capacity Sensible cooling capacity Water flow rate system side Pressure drop system side Pressure drop system side Pressure drop system side Fan Type Fan motor Number Air flow rate Input power Electrical wiring | kW I/h kPa kW I/h kPa kW L/h kPa type type no. m³/h | 1 L S,27 462 12 2,62 455 12 2,68 1,94 460 13 400 | 2 M 7,31 641 21 3,63 631 21 3,69 2,73 634 23 Centrifuga 2 600 | 3 H 8,50 745 28 4,22 734 28 4,25 3,18 731 29 720 | 5,82 510 10 2,89 502 10 2,91 2,07 501 12 | 8,34 731 20 4,14 720 20 4,13 2,98 711 22 Centrifuga 5 5 9 600 | 9,75 855 26 4,85 842 26 4,79 3,49 824 28 | 1 L 6,50 570 12 3,32 561 12 3,22 2,56 554 14 (As | 8,10 710 18 4,03 699 18 3,90 3,17 671 19 Centrifug, yynchrono | 3 H 10,00 877 26 4,97 863 26 4,65 3,92 800 26 | 7,19 631 14 3,57 621 14 3,95 2,78 595 15 | 2 M 9,15 802 21 4,55 790 20 4,80 3,43 825 21 Eientrifuga 3 720 | 3 H 11,50 1008 31 5,72 993 31 5,67 4,12 975 28 | 1 L 1 0,77 945 12 5,35 930 12 4,29 2,97 738 10 (As | 2 M 13,35 1171 17 6,64 1152 17 5,00 3,78 860 13 | 3 H 15,14 1328 22 7,53 1307 22 6,91 5,68 1189 22 | 1 L 11,20 982 16 5,57 967 15 5,77 3,80 992 15 700 | 2 M 14,42 1264 25 7,17 1245 24 7,32 4,87 1259 23 Centrifuga 3 930 | 3 H 17,10 1500 33 8,50 1476 33 8,60 5,78 1479 30 | |
| Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 40 °C (2) Heating capacity Water flow rate system side Pressure drop system side Cooling performance 7 °C / 12 °C Cooling capacity Sensible cooling capacity Water flow rate system side Pressure drop system side Pressure drop system side Fan Type Fan motor Number Air flow rate Input power | kW I/h kPa kW I/h kPa kW L/h kPa type type no. m³/h | 1 L S,27 462 12 2,62 455 12 2,68 1,94 460 13 400 38 | 2 M 7,31 641 21 3,63 631 21 3,69 2,73 634 23 Centrifuga 2 600 52 | 3 H 8,50 745 28 4,22 734 28 4,25 3,18 731 29 720 76 | 5,82 510 10 2,89 502 10 2,91 2,07 501 12 400 38 | 2 M 8,34 731 20 4,14 720 20 4,13 2,98 711 22 Centrifuga 5 5 600 52 | 3 H 9,75 855 26 4,85 842 26 4,79 3,49 824 28 720 76 | 1 L 6,50 570 12 3,32 561 12 3,22 2,56 554 14 (C As | 2 M 8,10 710 18 4,03 699 18 3,90 3,17 671 19 Centrifug, yynchrono 3 720 60 | 3 H 10,00 877 26 4,97 863 26 4,65 3,92 800 26 | 7,19 631 14 3,57 621 14 3,95 2,78 595 15 62 As | 2 M 9,15 802 21 4,55 790 20 4,80 3,43 825 21 Centrifuga 3 720 60 | 3 H 11,50 1008 31 5,72 993 31 5,67 4,12 975 28 | 1 L 1 10,77 945 12 5,35 930 12 4,29 2,97 738 10 (0 As | 2 M 13,35 1171 17 6,64 1152 17 5,00 3,78 860 13 | 3 H 15,14 1328 22 7,53 1307 22 6,91 5,68 1189 22 21 1140 106 | 1 L 11,20 982 16 5,57 967 15 5,77 3,80 992 15 700 59 | 2 M 14,42 1264 25 7,17 1245 24 7,32 4,87 1259 23 Centrifuga 3 930 80 | 3 H 17,10 1500 33 8,50 1476 33 8,60 5,78 1479 30 | |
| Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 40 °C (2) Heating capacity Water flow rate system side Pressure drop system side Cooling performance 7 °C / 12 °C Cooling capacity Sensible cooling capacity Water flow rate system side Pressure drop system side Pressure drop system side Pressure drop system side Fan Type Fan motor Number Air flow rate Input power Electrical wiring | kW I/h kPa kW I/h kPa kW L/h kPa type type no. m³/h | 1 L S,27 462 12 2,62 455 12 2,68 1,94 460 13 400 38 | 2 M 7,31 641 21 3,63 631 21 3,69 2,73 634 23 Centrifuga 2 600 52 | 3 H 8,50 745 28 4,22 734 28 4,25 3,18 731 29 720 76 | 5,82 510 10 2,89 502 10 2,91 2,07 501 12 400 38 | 2 M 8,34 731 20 4,14 720 20 4,13 2,98 711 22 Centrifuga 5 5 600 52 | 3 H 9,75 855 26 4,85 842 26 4,79 3,49 824 28 720 76 | 1 L 6,50 570 12 3,32 561 12 3,22 2,56 554 14 (C As | 2 M 8,10 710 18 4,03 699 18 3,90 3,17 671 19 Centrifug, yynchrono | 3 H 10,00 877 26 4,97 863 26 4,65 3,92 800 26 | 7,19 631 14 3,57 621 14 3,95 2,78 595 15 62 As | 2 M 9,15 802 21 4,55 790 20 4,80 3,43 825 21 Centrifuga 3 720 60 | 3 H 11,50 1008 31 5,72 993 31 5,67 4,12 975 28 | 1 L 1 10,77 945 12 5,35 930 12 4,29 2,97 738 10 (0 As | 2 M 13,35 1171 17 6,64 1152 17 5,00 3,78 860 13 | 3 H 15,14 1328 22 7,53 1307 22 6,91 5,68 1189 22 21 1140 106 | 1 L 11,20 982 16 5,57 967 15 5,77 3,80 992 15 700 59 | 2 M 14,42 1264 25 7,17 1245 24 7,32 4,87 1259 23 Centrifuga 3 930 80 | 3 H 17,10 1500 33 8,50 1476 33 8,60 5,78 1479 30 | |
| Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 40 °C (2) Heating capacity Water flow rate system side Pressure drop system side Cooling performance 7 °C / 12 °C Cooling capacity Sensible cooling capacity Water flow rate system side Pressure drop system side Pressure drop system side Pressure drop system side Fan Type Fan motor Number Air flow rate Input power Electrical wiring Diametre hydraulic fittings | kW I/h kPa kW I/h kPa kW I/h kPa type type no. m³/h W | 1 L S,27 462 12 2,62 455 12 2,68 1,94 460 13 400 38 | 2 M 7,31 641 21 3,63 631 21 3,69 2,73 634 23 Centrifuga 2 600 52 V2 | 3 H 8,50 745 28 4,22 734 28 4,25 3,18 731 29 720 76 | 5,82 510 10 2,89 502 10 2,91 2,07 501 12 400 38 | 2 M 8,34 731 20 4,14 720 20 4,13 2,98 711 22 Centrifuga 5 600 52 V2 | 3 H 9,75 855 26 4,85 842 26 4,79 3,49 824 28 720 76 | 1 L 6,50 570 12 3,32 561 12 3,22 2,56 554 14 (C As | 2 M 8,10 710 18 4,03 699 18 3,90 3,17 671 19 Centrifug, yynchronu 3 720 60 V2 | 3 H 10,00 877 26 4,97 863 26 4,65 3,92 800 26 | 7,19 631 14 3,57 621 14 3,95 2,78 595 15 62 As | 2 M 9,15 802 21 4,55 790 20 4,80 3,43 825 21 Entrifuga 3 720 60 V2 | 3 H 11,50 1008 31 5,72 993 31 5,67 4,12 975 28 | 1 L 1 10,77 945 12 5,35 930 12 4,29 2,97 738 10 (0 As | 2 M 13,35 1171 17 6,64 1152 17 5,00 3,78 860 13 icentrifuga ynchronod 3 930 V2 | 3 H 15,14 1328 22 7,53 1307 22 6,91 5,68 1189 22 21 1140 106 | 1 L 11,20 982 16 5,57 967 15 5,77 3,80 992 15 700 59 | 2 M 14,42 1264 25 7,17 1245 24 7,32 4,87 1259 23 Centrifuga 3 930 80 V2 | 3 H 17,10 1500 33 8,50 1476 33 8,60 5,78 1479 30 | |
| Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 40 °C (2) Heating capacity Water flow rate system side Pressure drop system side Cooling performance 7 °C / 12 °C Cooling capacity Water flow rate system side Pressure drop system side Fan Type Fan motor Number Air flow rate Input power Electrical wiring Diametre hydraulic fittings Type | kW I/h kPa kW I/h kPa kW I/h kPa type type no. m³/h W | 1 L S,27 462 12 2,62 455 12 2,68 1,94 460 13 400 38 | 2 M 7,31 641 21 3,63 631 21 3,69 2,73 634 23 Centrifuga 2 600 52 V2 | 3 H 8,50 745 28 4,22 734 28 4,25 3,18 731 29 720 76 | 5,82 510 10 2,89 502 10 2,91 2,07 501 12 400 38 | 2 M 8,34 731 20 4,14 720 20 4,13 2,98 711 22 Centrifugg 52 V2 | 3 H 9,75 855 26 4,85 842 26 4,79 3,49 824 28 720 76 | 1 L 6,50 570 12 3,32 561 12 3,22 2,56 554 14 (6,45 520 38 | 8,10 710 18 4,03 699 18 3,90 3,17 671 19 Centrifug, 720 60 V2 | 3 H 10,00 877 26 4,97 863 26 4,65 3,92 800 26 | 7,19 631 14 3,57 621 14 3,95 2,78 595 15 60 As | 2 M 9,15 802 21 4,55 790 20 4,80 3,43 825 21 Eentrifuga 770 60 V2 | 3 H 11,50 1008 31 5,72 993 31 5,67 4,12 975 28 | 1 L 1 10,77 945 12 5,35 930 12 4,29 2,97 738 10 (0 As | 2 M 13,35 1171 17 6,64 1152 17 5,00 3,78 860 13 13 13 14 15 17 17 17 18 18 19 19 19 19 19 19 19 19 19 19 19 19 19 | 3 H 15,14 1328 22 7,53 1307 22 6,91 5,68 1189 22 21 1140 106 | 1 L 11,20 982 16 5,57 967 15 5,77 3,80 992 15 700 59 | 2 M 14,42 1264 25 7,17 1245 24 7,32 4,87 1259 23 Centrifuga 80 V2 | 3 H 17,10 1500 33 8,50 1476 33 8,60 5,78 1479 30 | |
| Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 40 °C (2) Heating capacity Water flow rate system side Pressure drop system side Cooling performance 7 °C / 12 °C Cooling capacity Water flow rate system side Pressure drop system side Pressure drop system side Pressure drop system side Pressure drop system side Fan Type Fan motor Number Air flow rate Input power Electrical wiring Diametre hydraulic fittings Type Main heat exchanger Fan coil sound data (3) | kW I/h kPa kW I/h kPa kW I/h kPa type type no. m³/h W | 1 L 5,27 462 12 2,62 455 12 2,68 1,94 460 13 400 38 V1 | 2 M 7,31 641 21 3,63 631 21 3,69 2,73 634 23 Centrifuga 2 600 52 V2 | 3 H 8,50 745 28 4,22 734 28 4,25 3,18 731 29 720 76 V3 | 5,82 510 10 2,89 502 10 2,91 2,07 501 12 400 38 V1 | 2 M 8,34 731 20 4,14 720 20 4,13 2,98 711 22 Centrifugac 2 600 52 V2 | 3 H 9,75 855 26 4,85 842 26 4,79 3,49 824 28 720 76 V3 | 1 L 6,50 570 12 3,32 561 12 3,22 2,56 554 14 (6,45 520 38 | 8,10 710 18 4,03 699 18 3,90 3,17 671 19 Centrifug, 3 720 60 V2 | 3 H 10,00 877 26 4,97 863 26 4,65 3,92 800 26 900 91 V3 | 7,19 631 14 3,57 621 14 3,95 2,78 595 15 (As | 2 M 9,15 802 21 4,55 790 20 4,80 3,43 825 21 Centrifuga 720 60 V2 | 3 H 11,50 1008 31 5,72 993 31 5,67 4,12 975 28 91 V3 | 1 L 10,77 945 12 5,35 930 12 4,29 2,97 738 10 (C As | 2 M 13,35 1171 17 6,64 1152 17 5,00 3,78 860 13 13 930 80 V2 Gas-F 3,4" | 3 H 15,14 1328 22 7,53 1307 22 6,91 5,68 1189 22 1140 106 V3 | 1 L 11,20 982 16 5,57 967 15 5,77 3,80 992 15 6 A: | 2 M 14,42 1264 25 7,17 1245 24 7,32 4,87 1259 23 Centrifuga 3 930 80 V2 | 3 H 17,10 1500 33 8,50 1476 33 8,60 5,78 1479 30 1140 106 V3 | |
| Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 40 °C (2) Heating capacity Water flow rate system side Pressure drop system side Cooling performance 7 °C / 12 °C Cooling capacity Water flow rate system side Pressure drop system side Pressure drop system side Pressure drop system side Fan Type Fan motor Number Air flow rate Input power Electrical wiring Diametre hydraulic fittings Type Main heat exchanger Fan coil sound data (3) Sound power level | kW I/h kPa kW I/h kPa kW I/h kPa type type no. m³/h W type Ø dB(A) | 1 L 5,27 462 12 2,62 455 12 2,68 1,94 460 13 400 38 V1 | 2 M 7,31 641 21 3,63 631 21 3,69 2,73 634 23 Centrifuga 2 600 52 V2 Gas-F 3,4" | 3 H 8,50 745 28 4,22 734 28 4,25 3,18 731 29 720 76 V3 | 5,82 510 10 2,89 502 10 2,91 2,07 501 12 400 38 V1 | 2 M 8,34 731 20 4,14 720 20 4,13 2,98 711 22 Centrifugace 2 600 52 V2 Gas-F 3/4" | 3 H 9,75 855 26 4,85 842 26 4,79 3,49 824 28 720 76 V3 | 1 L 6,50 570 12 3,32 561 12 3,22 2,56 554 14 (C As | 8,10 710 18 4,03 699 18 3,90 3,17 671 19 Centrifug, ynchronor 720 60 V2 Gas-F 3,/4" | 3 H 10,00 877 26 4,97 863 26 4,65 3,92 800 26 900 91 V3 | 7,19 631 14 3,57 621 14 3,95 2,78 595 15 62 42,0 | 2 M 9,15 802 21 4,55 790 20 4,80 3,43 825 21 Eentrifuga 720 60 V2 | 3 H 11,50 1008 31 5,72 993 31 5,67 4,12 975 28 900 91 V3 | 1 L 10,77 945 12 5,35 930 12 4,29 2,97 738 10 C As | 2 M 13,35 1171 17 6,64 1152 17 5,00 3,78 860 13 13 Eentrifugar 3 930 80 V2 | 3 H 15,14 1328 22 7,53 1307 22 6,91 5,68 1189 22 1140 106 V3 | 1 L 11,20 982 16 5,57 967 15 5,77 3,80 992 15 700 59 | 2 M 14,42 1264 25 7,17 1245 24 7,32 4,87 1259 23 Centrifuga 930 V2 Gas-F 3,4" | 3 H 17,10 1500 33 8,50 1476 33 8,60 5,78 1479 30 1140 106 V3 | |
| Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 40 °C (2) Heating capacity Water flow rate system side Pressure drop system side Cooling performance 7 °C / 12 °C Cooling capacity Water flow rate system side Pressure drop system side Pressure drop system side Pressure drop system side Fan Type Fan motor Number Air flow rate Input power Electrical wiring Diametre hydraulic fittings Type Main heat exchanger Fan coil sound data (3) Sound power level Sound pressure | kW I/h kPa kW I/h kPa kW I/h kPa type type no. m³/h W | 1 L 5,27 462 12 2,62 455 12 2,68 1,94 460 13 400 38 V1 | 2 M 7,31 641 21 3,63 631 21 3,69 2,73 634 23 Centrifuga 2 600 52 V2 | 3 H 8,50 745 28 4,22 734 28 4,25 3,18 731 29 720 76 V3 | 5,82 510 10 2,89 502 10 2,91 2,07 501 12 400 38 V1 | 2 M 8,34 731 20 4,14 720 20 4,13 2,98 711 22 Centrifugac 2 600 52 V2 | 3 H 9,75 855 26 4,85 842 26 4,79 3,49 824 28 720 76 V3 | 1 L 6,50 570 12 3,32 561 12 3,22 2,56 654 14 (6,50 38 V1 | 8,10 710 18 4,03 699 18 3,90 3,17 671 19 Centrifug, 3 720 60 V2 | 3 H 10,00 877 26 4,97 863 26 4,65 3,92 800 26 900 91 V3 | 7,19 631 14 3,57 621 14 3,95 2,78 595 15 (As | 2 M 9,15 802 21 4,55 790 20 4,80 3,43 825 21 Centrifuga 720 60 V2 | 3 H 11,50 1008 31 5,72 993 31 5,67 4,12 975 28 91 V3 | 1 L 10,77 945 12 5,35 930 12 4,29 2,97 738 10 (C As | 2 M 13,35 1171 17 6,64 1152 17 5,00 3,78 860 13 13 930 80 V2 Gas-F 3,4" | 3 H 15,14 1328 22 7,53 1307 22 6,91 5,68 1189 22 1140 106 V3 | 1 L 11,20 982 16 5,57 967 15 5,77 3,80 992 15 | 2 M 14,42 1264 25 7,17 1245 24 7,32 4,87 1259 23 Centrifuga 3 930 80 V2 | 3 H 17,10 1500 33 8,50 1476 33 8,60 5,78 1479 30 1140 106 V3 | |
| Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 40 °C (2) Heating capacity Water flow rate system side Pressure drop system side Cooling performance 7 °C / 12 °C Cooling capacity Water flow rate system side Pressure drop system side Pressure drop system side Pressure drop system side Fan Type Fan motor Number Air flow rate Input power Electrical wiring Diametre hydraulic fittings Type Main heat exchanger Fan coil sound data (3) Sound power level | kW I/h kPa kW I/h kPa kW I/h kPa type type no. m³/h W type Ø dB(A) | 1 L S,27 462 12 2,62 455 12 2,68 1,94 460 13 400 38 V1 42,0 34,0 | 2 M 7,31 641 21 3,63 631 21 3,69 2,73 634 23 Centrifuga 2 600 52 V2 Gas-F 3,4" | 3 H 8,50 745 28 4,22 734 28 4,25 3,18 731 29 720 76 V3 | L 5,82 510 10 10 2,89 502 10 2,91 2,07 501 12 A: | 2 M 8,34 731 20 4,14 720 20 4,13 2,98 711 22 Centrifugace 2 600 52 V2 Gas-F 3/4" | 3 H 9,75 855 26 4,85 842 26 4,79 3,49 824 28 720 76 V3 | 1 L 6,50 570 12 3,32 561 12 3,22 2,56 554 14 (C As 520 38 V1 42,0 34,0 | 8,10 710 18 4,03 699 18 3,90 3,17 671 19 Centrifug, ynchronor 720 60 V2 Gas-F 3,/4" | 3 H 10,00 877 26 4,97 863 26 4,65 3,92 800 26 91 V3 | 7,19 631 14 3,57 621 14 3,95 2,78 595 15 (As) 520 38 V1 42,0 34,0 | 2 M 9,15 802 21 4,55 790 20 4,80 3,43 825 21 Eentrifuga 720 60 V2 | 3 H 11,50 1008 31 5,72 993 31 5,67 4,12 975 28 91 V3 | 1 L 10,77 945 12 5,35 930 12 4,29 2,97 738 10 (CAS) V1 51,0 43,0 | 2 M 13,35 1171 17 6,64 1152 17 5,00 3,78 860 13 13 Eentrifugar 3 930 80 V2 | 3 H 15,14 1328 22 7,53 1307 22 6,91 5,68 1189 22 1140 106 V3 | 1 L 11,20 982 16 5,57 967 15 5,77 3,80 992 15 700 59 V1 | 2 M 14,42 1264 25 7,17 1245 24 7,32 4,87 1259 23 Centrifuga 930 V2 Gas-F 3,4" | 3 H 17,10 1500 33 8,50 1476 33 8,60 5,78 1479 30 1140 106 V3 | |

5

⁽¹⁾ Room air temperature 20 °C d.b.; Water (in/out) 70 °C/60 °C
(2) Room air temperature 20 °C d.b.; Water (in/out) 45°C/40°C; EUROVENT
(3) Aermec determines the sound power value on the basis of measurements taken in accordance with standard UNI EN 16583:15, respecting the Eurovent certification.

DIMENSIONS



| Size | | | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 550 | 600 | 650 | 900 | 950 |
|------------------------|------|----|-----|-----|-----|-----|------|-----|------|-----|------|-----|------|------|
| Dimensions and weights | | | | | | | | ' | | | | | ' | |
| Λ | H,HT | mm | 486 | - | 486 | - | 486 | - | 486 | - | 486 | - | 591 | 591 |
| A | HP | mm | 216 | - | 216 | - | 216 | - | 216 | - | 216 | - | 216 | 216 |
| n | H,HT | mm | 750 | - | 980 | - | 1200 | - | 1200 | - | 1320 | - | 1320 | 1320 |
| В | HP | mm | 562 | - | 793 | - | 1013 | - | 1013 | - | 1147 | - | 1147 | 1147 |
| <i>(</i> | H,HT | mm | 220 | - | 220 | - | 220 | - | 220 | - | 220 | - | 220 | 220 |
| | HP | mm | 453 | - | 453 | - | 453 | - | 453 | - | 453 | - | 558 | 558 |
| D | H,HT | mm | 90 | - | 90 | - | 90 | - | 90 | - | 90 | - | 90 | 90 |
| U | HP | mm | 522 | - | 753 | - | 973 | - | 973 | - | 1122 | - | 1122 | 1122 |
| Formationsisht | H,HT | kg | 15 | - | 17 | - | 23 | - | 22 | - | 29 | - | 34 | 34 |
| Empty weight | HP | kg | 12 | - | 14 | - | 20 | - | 23 | - | 29 | - | 32 | 32 |