



## 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 with programming via a smart device (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

#### Heat exchanger coil

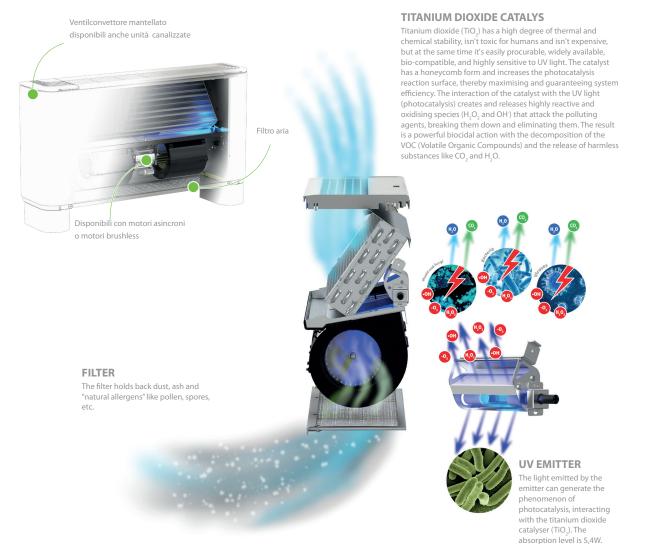
With copper pipes and aluminium louvers, the main coil has female gas water connections on the left side and the manifolds have air vents. The coil is not suitable for use in corrosive atmosphere or in environments where aluminium may be subject to corrosion.

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**

ield	Description
,2,3	FCZ
ŀ	<b>Size</b> 2, 3, 4, 5, 6, 9
;	Main coil
0	Standard
5	Oversized
5	Secondary coil
0	Without coil
1	Version
Н	Unit with shell without thermostat - vertical and horizontal mount
HP	Unit without shell and thermostat - vertical and horizontal mount
HPO	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 purifying 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.

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.

T-TOUCH: Touch control on board the machine, for controlling fan coils with asynchronous motors. In 2-pipe systems, it can control standard fan coils or those equipped with an electric heater, with air purifying devices or with FCZ-D twin delivery (Dualjet). In 4-pipe systems, only standard fan coils.

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 components.

#### **Common accessories**

VCZ: 3-way motorised valve kit. The kit consists of a valve with its insulating shell, an actuator and the relative pipe 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 3-way insulating shell. The kit consists of a valve with its insulating shell, an actuator and the relative pipe 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 coil: 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. 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	•	•	•	•	•	•	•	•	•	•	•	•
SIT3 (3)	H,HP,HT	•	•	•	•	•	•	•	•	•	•	•	•
SIT5 (4)	H,HP,HT	•	•	•	•	•	•	•	•	•	•	•	•
SW3 (2)	H,HP,HT	•	•	•	•	•	•	•	•	•	•	•	•
SW5 (2)	H,HP,HT	•	•	•	•	•	•	•	•	•	•	•	•
TX (1)	H,HP	•	•	•	•	•	•	•	•	•	•	•	•
	Н	•	•	•	•	•	•	•	•	•	•	•	•
TXB (5)	HP		•		•		•				•		

(1) 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. (2) Probe for AERS03IR-TX thermostats, if fitted.

(3) Cards for AER503IR-TX thermostats, if present, to be installed if the unit absorption exceeds 0,7 Ampere.
 (4) Probe for AER503IR-TX thermostats, if fitted.

(5) Installation on the fan coil.

#### **Common accessories**

#### 3 way valve kit

Ver	200	250	300	350	400	450	500	550	600	650	900	950
H,HP,HT	•	•										
H,HP,HT	•	•										
H,HP,HT			•	•	•	•	•	•	•	•		
H,HP,HT			•	•	•	•	•	•	•	•		
H,HP,HT											•	•
	H,HP,HT H,HP,HT H,HP,HT H,HP,HT	H,HP,HT • H,HP,HT • H,HP,HT H,HP,HT	н,нр,нт • • Н,нр,нт • • Н,нр,нт Н,нр,нт Н,нр,нт	H,HP,HT • • H,HP,HT • • H,HP,HT • H,HP,HT •	H,HP,HT • • • H,HP,HT • • H,HP,HT • • H,HP,HT • •	H,HP,HT • • • H,HP,HT • • • H,HP,HT • • • • H,HP,HT • • •	H,HP,HT • • H,HP,HT • • H,HP,HT • • • • H,HP,HT • • •	H,HP,HT • • H,HP,HT • • H,HP,HT • • • • • • H,HP,HT • • • • •	H,HP,HT • • • • • • • • • • • • • • • • • • •	H,HP,HT • • • H,HP,HT • • H,HP,HT • • • • • • • • • H,HP,HT • • • • • • •	H,HP,HT • • H,HP,HT • • H,HP,HT • • • • • • • • • • H,HP,HT • • • • • • • •	H,HP,HT • • • H,HP,HT • • • H,HP,HT • • • • • • • • • • H,HP,HT • • • • • • • • •

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	•	•										
VCZD2 (1)	H,HP,HT					•	•	•		•			
VCZD224 (2)	H,HP,HT			•	•	•	•	•	•				
VCZD3 (1)	H,HP,HT												
VCZD324 (2)	H,HP,HT											•	
1) 230V~50Hz													
2) 24V Combined Adjustment and	d Balancing	Valve Kit											
Model	Ver	200	250	300	350	400	450	500	550	600	650	900	95
/JP060 (1)	H,HP,HT			•									
/JP060M (2)	H,HP,HT												
/JP090 (1)	H,HP,HT												
/JP090M (2)	Н,НР,НТ					•	•	•	•	•	•		
VJP150 (1)	H,HP,HT					-				-	•		
/JP150(1)	<u>н, пр, пт</u> Н, НР, НТ											•	•
1) 230V~50Hz	n,nr,fil											•	•
2) 24V <b>Wall mounting kit</b>													
Vali mounting kit	200	250	300	350	400	450	500	550	600		650	900	0.07
													95
H,HP	AMP20	AMP20	AMP20	AMP20	AMP20	AMP20	AMP20	AMP20	AMP2	U	AMP20	AMP20	AMP
Condensate drainage													
Model	Ver	200	250	300	350	400	450	500	550	600	650	900	95
DSCZ4 (1)	HP	- 200					• •	•					
1) DSC4 cannot be mounted if even just	one of these accesso	ories is also insta	illed: AMP - AN	APZ valve VCZ1					600	•	650	900	95
1) DSC4 cannot be mounted if even just Condensate drip Ver	200	250	300	350	-2-3-4 X4L/R a	nd all the cond <b>450</b>	ensate collect 500	ion trays. <b>550</b>	600		650		
1) DSC4 cannot be mounted if even just Condensate drip					-2-3-4 X4L/R a	ind all the cond	ensate collect	ion trays.		1),		<b>900</b> BCZ6 (2)	
1) DSC4 cannot be mounted if even just Condensate drip Ver H,HP,HT 1) For vertical installation.	<b>200</b> BCZ4 (1),	<b>250</b> BCZ4 (1),	<b>300</b> BCZ4 (1),	<b>350</b> BCZ4 (1),	-2-3-4 X4L/R a <b>400</b> BCZ4 (1),	nd all the cond 450 BCZ4 (1),	ensate collect <b>500</b> BCZ4 (1),	ion trays. <b>550</b> BCZ4 (1),	<b>600</b> BCZ4 (1	1),	<b>650</b> BCZ4 (1),		
1) DSC4 cannot be mounted if even just <b>Condensate drip</b> Ver H,HP,HT 1) For vertical installation. 2) For horizontal installation.	<b>200</b> BCZ4 (1), BCZ5 (2)	<b>250</b> BCZ4 (1), BCZ5 (2)	<b>300</b> BCZ4 (1), BCZ5 (2)	<b>350</b> BCZ4 (1), BCZ5 (2)	-2-3-4 X4L/R a 400 BCZ4 (1), BCZ5 (2)	nd all the cond <b>450</b> BCZ4 (1), BCZ5 (2)	ensate collect <b>500</b> BCZ4 (1), BCZ5 (2)	ion trays. <b>550</b> BCZ4 (1), BCZ5 (2)	<b>600</b> BCZ4 ( BCZ5 (	1), 2)	<b>650</b> BCZ4 (1), BCZ5 (2)	BCZ6 (2)	BCZ6
1) DSC4 cannot be mounted if even just Condensate drip Ver H,HP,HT 1) For vertical installation. 2) For horizontal installation. Ver	200 BCZ4 (1), BCZ5 (2) 200	<b>250</b> BCZ4 (1), BCZ5 (2) <b>250</b>	<b>300</b> BCZ4 (1), BCZ5 (2) <b>300</b>	<b>350</b> BCZ4 (1), BCZ5 (2) <b>350</b>	-2-3-4 X4L/R a 400 BCZ4 (1), BCZ5 (2) 400	nd all the cond 450 B(Z4 (1), B(Z5 (2) 450	ensate collect <b>500</b> BCZ4 (1), BCZ5 (2) <b>500</b>	ion trays. <b>550</b> BCZ4 (1), BCZ5 (2) <b>550</b>	600 BCZ4 ( BCZ5 ( 600	1), 2)	650 BCZ4 (1), BCZ5 (2) 650	BCZ6 (2) 900	BCZ6 95
1) DSC4 cannot be mounted if even just Condensate drip Ver H,HP,HT 1) For vertical installation. 2) For horizontal installation. Ver HP	<b>200</b> BCZ4 (1), BCZ5 (2)	<b>250</b> BCZ4 (1), BCZ5 (2)	<b>300</b> BCZ4 (1), BCZ5 (2)	<b>350</b> BCZ4 (1), BCZ5 (2)	-2-3-4 X4L/R a 400 BCZ4 (1), BCZ5 (2)	nd all the cond <b>450</b> BCZ4 (1), BCZ5 (2)	ensate collect <b>500</b> BCZ4 (1), BCZ5 (2)	ion trays. <b>550</b> BCZ4 (1), BCZ5 (2)	<b>600</b> BCZ4 ( BCZ5 (	1), 2)	<b>650</b> BCZ4 (1), BCZ5 (2)	BCZ6 (2)	BCZ6 95
1) DSC4 cannot be mounted if even just Condensate drip Ver H,HP,HT 1) For vertical installation. 2) For horizontal installation. Ver HP 1) For horizontal installation.	200 BCZ4 (1), BCZ5 (2) 200 BC8 (1)	<b>250</b> BCZ4 (1), BCZ5 (2) <b>250</b>	<b>300</b> BCZ4 (1), BCZ5 (2) <b>300</b>	<b>350</b> BCZ4 (1), BCZ5 (2) <b>350</b>	-2-3-4 X4L/R a 400 BCZ4 (1), BCZ5 (2) 400	nd all the cond 450 B(Z4 (1), B(Z5 (2) 450	ensate collect <b>500</b> BCZ4 (1), BCZ5 (2) <b>500</b>	ion trays. <b>550</b> BCZ4 (1), BCZ5 (2) <b>550</b>	600 BCZ4 ( BCZ5 ( 600	1), 2)	650 BCZ4 (1), BCZ5 (2) 650	BCZ6 (2) 900	BCZ6 95
1) DSC4 cannot be mounted if even just Condensate drip Ver H,HP,HT 1) For vertical installation. 2) For horizontal installation. Ver HP 1) For horizontal installation. Panel closing the rear of th	200 BCZ4 (1), BCZ5 (2) 200 BC8 (1)	<b>250</b> BCZ4 (1), BCZ5 (2) <b>250</b>	<b>300</b> BCZ4 (1), BCZ5 (2) <b>300</b> BC8 (1)	<b>350</b> BCZ4 (1), BCZ5 (2) <b>350</b> BC8 (1)	-2-3-4 X4L/R a 400 BCZ4 (1), BCZ5 (2) 400 BC8 (1)	450 B(Z4 (1), B(Z5 (2) 450 B(R (1))	ensate collect 500 BCZ4 (1), BCZ5 (2) 500 BC8 (1)	ion trays. 550 BCZ4 (1), BCZ5 (2) 550 BC8 (1)	600 BCZ4 (* BCZ5 ( 600 BC8 (*	1), 2) 1)	650 BCZ4 (1), BCZ5 (2) 650 BC8 (1)	BCZ6 (2) 900	BCZ6 <b>95</b> BC9
1) DSC4 cannot be mounted if even just Condensate drip Ver H,HP,HT 1) For vertical installation. 2) For horizontal installation. Ver HP 1) For horizontal installation.	200 BCZ4 (1), BCZ5 (2) 200 BC8 (1)	<b>250</b> BCZ4 (1), BCZ5 (2) <b>250</b> BC8 (1)	<b>300</b> BCZ4 (1), BCZ5 (2) <b>300</b>	<b>350</b> BCZ4 (1), BCZ5 (2) <b>350</b>	-2-3-4 X4L/R a 400 BCZ4 (1), BCZ5 (2) 400	nd all the cond 450 B(Z4 (1), B(Z5 (2) 450	ensate collect <b>500</b> BCZ4 (1), BCZ5 (2) <b>500</b>	ion trays. <b>550</b> BCZ4 (1), BCZ5 (2) <b>550</b>	600 BCZ4 ( BCZ5 ( 600	1), 2)	650 BCZ4 (1), BCZ5 (2) 650	BCZ6 (2) 900 BC9 (1)	BCZ6 95 BC9 95
1) DSC4 cannot be mounted if even just Condensate drip Ver H,HP,HT 1) For vertical installation. 2) For horizontal installation. Ver HP 1) For horizontal installation. Panel closing the rear of th Ver H,HT	200 BCZ4 (1), BCZ5 (2) 200 BC8 (1) be unit 200 PCZ200	250 BCZ4 (1), BCZ5 (2) 250 BC8 (1) 250 PCZ200	300 BCZ4 (1), BCZ5 (2) 300 BC8 (1) 300	350 B(Z4 (1), B(Z5 (2) 350 B(C8 (1) 350	-2-3-4 X4L/R a 400 B(Z4 (1), B(Z5 (2) 400 BC8 (1) 400	450 B(Z4 (1), B(Z5 (2) 450 B(R (1) 450	ensate collect 500 BCZ4 (1), BCZ5 (2) 500 BC8 (1) 500	ion trays. 550 BCZ4 (1), BCZ5 (2) 550 BC8 (1) 550	600 BCZ4 ( BCZ5 ( 600 BC8 (1 600	1), 2)	650 B(Z24 (1), B(Z5 (2) 650 B(C8 (1) 650	BCZ6 (2) 900 BC9 (1) 900	BCZ6 95 BC9 95
1) DSC4 cannot be mounted if even just Condensate drip Ver H,HP,HT 1) For vertical installation. 2) For horizontal installation. Ver HP 1) For horizontal installation. Panel closing the rear of th Ver H,HT Grille also applicable for fl Ver	200 BCZ4 (1), BCZ5 (2) 200 BC8 (1) he unit 200 PCZ200 Coor installat 200	250 BC24 (1), BC25 (2) 250 BC8 (1) 250 PCZ200 tion 250	300 BCZ4 (1), BCZ5 (2) 300 BC8 (1) PCZ300 300 PCZ300	350 BCZ4 (1), BCZ5 (2) 350 BC8 (1) PCZ300 350	-2-3-4 X4L/R a 400 B(Z4 (1), B(Z5 (2) 400 B(R (1) 400 P(Z500 400	450 B(Z4 (1), B(Z5 (2) 450 B(8 (1) 450 P(Z500 450	ensate collect 500 B(Z4 (1), B(Z5 (2)) 500 B(8 (1) 500 P(Z500 500	ion trays. 550 BC74 (1), BC75 (2) 550 BC8 (1) 550 PCZ500 550	600 BCZ4 (1 BCZ5 ( 600 BC8 (1 600 PCZ80 600	1), 2) 1)	650 B(Z4 (1), B(Z5 (2) 650 B(R (1) 650 P(Z800	BCZ6 (2) 900 BC9 (1) 900 PCZ1000 900	BCZ6 95 BC9 95 PCZ10 95
1) DSC4 cannot be mounted if even just Condensate drip Ver H,HP,HT 1) For vertical installation. 2) For horizontal installation. Ver HP 1) For horizontal installation. Panel closing the rear of th Ver H,HT Grille also applicable for fl	200 BCZ4 (1), BCZ5 (2) 200 BC8 (1) the unit 200 PCZ200	250 BC24 (1), BC25 (2) 250 BC8 (1) 250 PCZ200 tion	300 BCZ4 (1), BCZ5 (2) 300 BC8 (1) 300 PCZ300	350 BCZ4 (1), BCZ5 (2) 350 BC8 (1) 8C8 (1) PCZ300	-2-3-4 X4L/R a 400 B(Z4 (1), B(Z5 (2) 400 B(C8 (1) 400 P(Z500	450           BCZ4 (1),           BCZ5 (2)           450           BC8 (1)           450           BC8 (1)	ensate collect 500 B(Z4 (1), B(Z5 (2)) 500 B(8 (1) 500 P(Z500	ion trays. 550 BC4 (1), BC25 (2) 550 BC8 (1) 550 PCZ500	600 BCZ4 (1 BCZ5 ( 600 BC8 (1 600 PCZ80	1), 2) 1)	650 B(Z24 (1), B(Z5 (2) 650 BC8 (1) 650 P(Z800	BCZ6 (2) 900 BC9 (1) 900 PCZ1000	BCZ6 95 BC9 95 PCZ10 95
1) DSC4 cannot be mounted if even just Condensate drip Ver H,HP,HT 1) For vertical installation. 2) For horizontal installation. Ver HP 1) For horizontal installation. Panel closing the rear of th Ver H,HT Grille also applicable for fl Ver H,HP,HT	200 BCZ4 (1), BCZ5 (2) 200 BC8 (1) he unit 200 PCZ200 PCZ200 GA200	250 BC24 (1), BC25 (2) 250 BC8 (1) 250 PCZ200 tion 250	300 BCZ4 (1), BCZ5 (2) 300 BC8 (1) PCZ300 300 PCZ300	350 BCZ4 (1), BCZ5 (2) 350 BC8 (1) PCZ300 350	-2-3-4 X4L/R a 400 B(Z4 (1), B(Z5 (2) 400 B(R (1) 400 P(Z500 400	450 B(Z4 (1), B(Z5 (2) 450 B(8 (1) 450 P(Z500 450	ensate collect 500 B(Z4 (1), B(Z5 (2)) 500 B(8 (1) 500 P(Z500 500	ion trays. 550 BC74 (1), BC75 (2) 550 BC8 (1) 550 PCZ500 550	600 BCZ4 (1 BCZ5 ( 600 BC8 (1 600 PCZ80 600	1), 2) 1)	650 B(Z4 (1), B(Z5 (2) 650 B(R (1) 650 P(Z800	BCZ6 (2) 900 BC9 (1) 900 PCZ1000 900	BCZ6 950 BC9 950 PCZ10 950
1) DSC4 cannot be mounted if even just Condensate drip Ver H,HP,HT 1) For vertical installation. 2) For horizontal installation. Ver HP 1) For horizontal installation. Panel closing the rear of th Ver H,HT Grille also applicable for fl Ver H,HP,HT	200 BCZ4 (1), BCZ5 (2) 200 BC8 (1) he unit 200 PCZ200 PCZ200 GA200	250 BC24 (1), BC25 (2) 250 BC8 (1) 250 PCZ200 tion 250	300 BCZ4 (1), BCZ5 (2) 300 BC8 (1) PCZ300 300 PCZ300	350 BCZ4 (1), BCZ5 (2) 350 BC8 (1) PCZ300 350	-2-3-4 X4L/R a 400 B(Z4 (1), B(Z5 (2) 400 B(R (1) 400 P(Z500 400	450 B(Z4 (1), B(Z5 (2) 450 B(8 (1) 450 P(Z500 450	ensate collect 500 B(Z4 (1), B(Z5 (2)) 500 B(8 (1) 500 P(Z500 500	ion trays. 550 BC74 (1), BC75 (2) 550 BC8 (1) 550 PCZ500 550	600 BCZ4 (1 BCZ5 ( 600 BC8 (1 600 PCZ80 600	1), 2) 1) 0	650 B(Z4 (1), B(Z5 (2) 650 B(R (1) 650 P(Z800	BCZ6 (2) 900 BC9 (1) 900 PCZ1000 900	950 B(Z6 955 B(29 ( 955 P(Z10 955 GA80 950
1) DSC4 cannot be mounted if even just Condensate drip Ver H,HP,HT I) For vertical installation. 2) For horizontal installation. Ver HP I) For horizontal installation. Panel closing the rear of th Ver H,HT Grille also applicable for fl Ver H,HP,HT Atetal supports for GA grilla	200 BCZ4 (1), BCZ5 (2) BCB (1) be unit 200 PCZ200 PCZ200 Coor installat 200 GA200 le 200	250 BC24 (1), BC25 (2) 250 BC8 (1) 250 PCZ200 tion 250 GA200 250	300 BCZ4 (1), BCZ5 (2) 300 BC8 (1) PCZ300 PCZ300 GA300 GA300	350 BCZ4 (1), BCZ5 (2) 350 BC8 (1) PCZ300 PCZ300 GA300 GA300	-2-3-4 X4L/R a 400 B(Z4 (1), B(Z5 (2) 400 B(R (1)) 400 P(Z500 400 GA500 400	450 B(Z4 (1), B(Z5 (2) 450 B(R (1) 450 P(Z500 450 GA500 450	ensate collect 500 B(Z4 (1), B(Z5 (2)) 500 B(8 (1)) 500 P(Z500) 500 GA500 500	ion trays. 550 BCZ4 (1), BCZ5 (2) 550 BC8 (1) 550 PCZ500 GA500 550	600 BCZ4 ( BCZ5 ( 600 BC8 ( 9 CZ80 PCZ80 600 GA80 600 GA80	1), 2) 1) 0	650 B(Z4 (1), B(Z5 (2) 650 B(R (1) 650 P(Z800 650 GA800 650	BCZ6 (2) 900 BC9 (1) 900 PCZ1000 900 GA800 900	BCZ6 950 BC9 950 PCZ10 950 GA8 950
1) DSC4 cannot be mounted if even just Condensate drip Ver H,HP,HT 1) For vertical installation. 2) For horizontal installation. Ver HP 1) For horizontal installation. Panel closing the rear of th Ver H,HT Grille also applicable for fl Ver H,HP,HT Metal supports for GA grill. Ver H,HP,HT	200 BCZ4 (1), BCZ5 (2) 200 BC8 (1) be unit 200 PCZ200 CZ200 CZ200 CZ200 CZ200 CZ200 CZ200 CZ200 CZ200 CZ200 CZ200 CZ200 CZ200 CZ200 CZ200 CZ20 CZ2	250 BC24 (1), BC25 (2) 250 BC8 (1) 250 PCZ200 tion 250 GA200	300 BCZ4 (1), BCZ5 (2) 300 BC8 (1) PCZ300 GA300	350 BCZ4 (1), BCZ5 (2) 350 BC8 (1) PCZ300 PCZ300 GA300	-2-3-4 X4L/R a 400 B(Z4 (1), B(Z5 (2) 400 B(R (1)) 400 P(Z500 400 GA500	450           BC24 (1),           BC25 (2)           450           BC8 (1)           450           PC2500           450           GA500	ensate collect 500 B(Z4 (1), B(Z5 (2)) 500 B(8 (1)) 500 P(Z500) 500 GA500	ion trays. 550 BCZ4 (1), BCZ5 (2) 550 BC8 (1) 550 PCZ500 550 GA500	600 BCZ4 (1 BCZ5 ( 600 BC8 (1 600 PCZ80 600 GA80	1), 2) 1) 0	650 B(Z24 (1), B(Z5 (2) 650 BC8 (1) 650 P(Z800 650 GA800	BCZ6 (2) 900 BC9 (1) 900 PCZ1000 900 GA800	BCZ6 950 BC9 950 PCZ10 950 GA8 950
1) DSC4 cannot be mounted if even just Condensate drip Ver H,HP,HT 1) For vertical installation. 2) For horizontal installation. 2) For horizontal installation. Panel closing the rear of th Ver H,HT Grille also applicable for fl Ver H,HT Metal supports for GA grill Ver H,HP,HT Ver H,HP,HT	200 BCZ4 (1), BCZ5 (2) BCB (1) be unit 200 PCZ200 PCZ200 Coor installat 200 GA200 Ie FIKIT200	250 BC24 (1), BC25 (2) 250 BC8 (1) 250 PCZ200 tion 250 GA200 FIKIT200	300 BCZ4 (1), BCZ5 (2) 300 BC8 (1) PCZ300 PCZ300 GA300 GA300 FIKIT300	350 BCZ4 (1), BCZ5 (2) BC8 (1) BC8 (1) PCZ300 PCZ300 GA300 GA300 FIKIT300	-2-3-4 X4L/R a 400 B(Z4 (1), B(Z5 (2) 400 BC8 (1) 400 P(Z500 400 GA500 FIKIT500	450           BC24 (1),           BC25 (2)           450           BC8 (1)           450           PCZ500           450           GA500           450           FIKIT500	ensate collect 500 B(Z4 (1), B(Z5 (2)) 500 B(8 (1)) 500 P(Z500) 500 GA500 FIKIT500	ion trays. 550 BCZ4 (1), BCZ5 (2) 550 BC8 (1) 550 PCZ500 550 GA500 FIKIT500	600 BCZ4 ( BCZ5 ( 600 BC8 (1 90 PCZ80 600 GA80 GA80 FIKIT80	1), 2) 1) 0 0	650 B(Z4 (1), B(Z5 (2) 650 B(R (1) 650 P(Z800 650 GA800 FIKIT800	BCZ6 (2) 900 BC9 (1) 900 PCZ1000 900 GA800 FIKIT800	BCZ6 951 BC9 1 951 PCZ10 951 GA81 951 FIKIT8
1) DSC4 cannot be mounted if even just Condensate drip Ver H,HP,HT 1) For vertical installation. 2) For horizontal installation. Ver HP 1) For horizontal installation. Panel closing the rear of th Ver H,HT Grille also applicable for fl Ver H,HP,HT Metal supports for GA grill Ver H,HP,HT Ventilcassaforma Ver	200 BCZ4 (1), BCZ5 (2) BCB (1) be unit 200 PCZ200 PCZ200 Coor installat 200 GA200 Ide FIKIT200	250 BC24 (1), BC25 (2) 250 BC8 (1) 250 PCZ200 tion 250 GA200 FIKIT200 250	300 BCZ4 (1), BCZ5 (2) 300 BC8 (1) PCZ300 PCZ300 GA300 GA300 FIKIT300	350 BCZ4 (1), BCZ5 (2) 350 BC8 (1) 9CZ300 PCZ300 GA300 GA300 FIKIT300	-2-3-4 X4L/R a 400 B(Z4 (1), B(Z5 (2) 400 BC8 (1) 400 P(Z500 400 GA500 FIKIT500 400	A50 B(Z4 (1), B(Z5 (2) A50 B(R (1) B(R (1) A50 P(Z500 A50 GA500 FIKIT500 A50	ensate collect 500 B(Z4 (1), B(Z5 (2) 500 B(28 (1) 500 P(Z500 500 GA500 FIKIT500 500 FIKIT500	ion trays. 550 BCZ4 (1), BCZ5 (2) 550 BC8 (1) 550 FCZ500 550 GA500 FIKIT500 550	600 BCZ4 ( BCZ5 ( 600 BC8 ( PCZ80 PCZ80 600 GA80 FIKIT81 600	1), 2) 1) 0 0	650 B(Z4 (1), B(Z5 (2) 650 B(R (1) P(Z800 P(Z800 650 GA800 FIKIT800	BCZ6 (2) 900 BC9 (1) 900 PCZ1000 GA800 GA800 FIKIT800 900 900	BCZ6 951 BC9 1 951 951 951 951 FIKIT8 951
1) DSC4 cannot be mounted if even just Condensate drip Ver H,HP,HT 1) For vertical installation. 2) For horizontal installation. Ver HP 1) For horizontal installation. Panel closing the rear of th Ver H,HT Grille also applicable for fl Ver H,HP,HT Metal supports for GA grill Ver H,HP,HT Ver H,HP,HT Ver H,HP,HT Ver H,HP,HT	200 BCZ4 (1), BCZ5 (2) BC8 (1) be unit 200 PCZ200 PCZ200 Coor installat 200 GA200 fe FIKIT200 CHF22	250 BC24 (1), BC25 (2) 250 BC8 (1) 250 PCZ200 tion 250 GA200 FIKIT200	300 BCZ4 (1), BCZ5 (2) 300 BC8 (1) PCZ300 PCZ300 GA300 GA300 FIKIT300	350 BCZ4 (1), BCZ5 (2) BC8 (1) BC8 (1) PCZ300 PCZ300 GA300 GA300 FIKIT300	-2-3-4 X4L/R a 400 B(Z4 (1), B(Z5 (2) 400 BC8 (1) 400 P(Z500 400 GA500 FIKIT500	450           BC24 (1),           BC25 (2)           450           BC8 (1)           450           PCZ500           450           GA500           450           FIKIT500	ensate collect 500 B(Z4 (1), B(Z5 (2)) 500 B(8 (1)) 500 P(Z500) 500 GA500 FIKIT500	ion trays. 550 BCZ4 (1), BCZ5 (2) 550 BC8 (1) 550 PCZ500 550 GA500 FIKIT500	600 BCZ4 ( BCZ5 ( 600 BC8 (1 90 PCZ80 600 GA80 GA80 FIKIT80	1), 2) 1) 0 0	650 B(Z4 (1), B(Z5 (2) 650 B(R (1) 650 P(Z800 650 GA800 FIKIT800	BCZ6 (2) 900 BC9 (1) 900 PCZ1000 900 GA800 FIKIT800	BCZ6 951 BC9 1 951 951 951 951 FIKIT8 951
1) DSC4 cannot be mounted if even just Condensate drip Ver H,HP,HT 1) For vertical installation. 2) For horizontal installation. Ver HP 1) For horizontal installation. Panel closing the rear of th Ver H,HT Grille also applicable for fl Ver H,HT Metal supports for GA grill. Ver H,HP,HT Metal supports for GA grill. Ver H,HP,HT	200 BCZ4 (1), BCZ5 (2) 200 BC8 (1) he unit 200 PCZ200 PCZ200 loor installat 200 GA200 de ERKIT200 FIKIT200 CHF22 to the floor.	250 BCZ4 (1), BCZ5 (2) 250 BC8 (1) 250 PCZ200 tion 250 GA200 250 FIKIT200 250 CHF22	300 BC24 (1), BC25 (2) 300 BC8 (1) 9 C7300 PC7300 PC7300 GA300 GA300 FIKIT300 FIKIT300 CHF32	350 BCZ4 (1), BCZ5 (2) BC8 (1) BC8 (1) PCZ300 PCZ300 GA300 GA300 FIKIT300 FIKIT300 CHF32	-2-3-4 X4L/R a 400 B(Z4 (1), B(Z5 (2) 400 BC8 (1) 400 P(Z500 400 GA500 FIKIT500 400 C(HF42	450           BC24 (1),           BC25 (2)           450           BC8 (1)           450           PC2500           450           GA500           450           GA500           450           GA500           450           GA500           450           CHF42	ensate collect 500 BC24 (1), BC25 (2) 500 BC8 (1) 700 PC2500 500 GA500 FIKIT500 500 CHF42	ion trays. 550 BC24 (1), BC25 (2) 550 BC8 (1) 550 FC2500 550 GA500 FIKIT500 550 CHF42	600 BCZ4 ( BCZ5 ( BCZ5 ( BCS ( C C BCS ( C BCS ( C BCS ( C BCS ( C BCS ( C HF6) C HF6)	1), 2) 1) 0 0 0 0 2	650 B(Z4 (1), B(Z5 (2) 650 BC8 (1) PC2800 PC2800 650 GA800 FIKIT800 FIKIT800 CHF62	BCZ6 (2) 900 BC9 (1) 900 PCZ1000 900 GA800 FIKIT800 FIKIT800 CHIF62	BCZ6 951 BC91 PCZ10 951 GA84 955 FIKIT8 951 CHF4
1) DSC4 cannot be mounted if even just Condensate drip Ver H,HP,HT 1) For vertical installation. 2) For horizontal installation. Ver HP 1) For horizontal installation. Panel closing the rear of th Ver H,HT Grille also applicable for fl Ver H,HP,HT Metal supports for GA grill Ver H,HP,HT Ver H,HP,HT Ver H,HP,HT Ver H,HP,HT Ver H,HP,HT Ver H,HP,HT Ver HP Brackets to fix the fan coil Ver	200 BCZ4 (1), BCZ5 (2) 200 BC8 (1) he unit 200 PCZ200 PCZ200 door installat 200 GA200 de FIKIT200 FIKIT200 CHF22 to the floor. 200	250 BCZ4 (1), BCZ5 (2) 250 BC8 (1) 250 PCZ200 tion 250 GA200 FIKIT200 FIKIT200 CHF22 250 CHF22	300 BC24 (1), BC25 (2) 300 BC8 (1) 9 C7300 PC7300 PC7300 GA300 GA300 FIKIT300 FIKIT300 CHF32	350 BCZ4 (1), BCZ5 (2) BC8 (1) BC8 (1) PCZ300 PCZ300 GA300 GA300 FIKIT300 FIKIT300 CHF32 CHF32	-2-3-4 X4L/R a 400 B(Z4 (1), B(Z5 (2) 400 BC8 (1) PCZ500 400 GA500 400 FIKIT500 400 C(HF42 400	A50 BCZ4 (1), BCZ5 (2) A50 BC8 (1) BC8 (1) A50 PCZ500 A50 GA500 FIKIT500 FIKIT500 A50 CHF42 A50	ensate collect 500 B(Z4 (1), B(Z5 (2) 500 B(28 (1) 500 P(Z500 500 GA500 FIKIT500 FIKIT500 C(HF42 500	ion trays. 550 BC24 (1), BC25 (2) 550 BC8 (1) 550 FC2500 550 GA500 FIKIT500 CHF42 550	600 B(Z4 ( B(Z5 ( 600 B(8 ( P(Z80 P(Z80 P(Z80 P(Z80 G00 GA80 FIKIT80 G00 CHF6 G00	1), 2) 1) 0 0 0 0 2	650 B(Z4 (1), B(Z5 (2) 650 B(R (1) P(Z800 650 GA800 FIKIT800 FIKIT800 CHF62	BCZ6 (2) 900 BC9 (1) 900 PCZ1000 PCZ1000 900 GA800 FIKIT800 FIKIT800 CHIF62 900	BCZ6 951 BC91 PCZ10 951 GA84 951 FIKIT3 951 CHF4
1) DSC4 cannot be mounted if even just Condensate drip Ver H,HP,HT 1) For vertical installation. 2) For horizontal installation. Ver HP 1) For horizontal installation. Panel closing the rear of th Ver H,HT Grille also applicable for fl Ver H,HT Metal supports for GA grill Ver H,HP,HT Ventilcassaforma Ver HP Brackets to fix the fan coil	200 BCZ4 (1), BCZ5 (2) 200 BC8 (1) he unit 200 PCZ200 PCZ200 loor installat 200 GA200 de ERKIT200 FIKIT200 CHF22 to the floor.	250 BCZ4 (1), BCZ5 (2) 250 BC8 (1) 250 PCZ200 tion 250 GA200 250 FIKIT200 250 CHF22	300 BC24 (1), BC25 (2) 300 BC8 (1) 9 C7300 PC7300 PC7300 GA300 GA300 FIKIT300 FIKIT300 CHF32	350 BCZ4 (1), BCZ5 (2) BC8 (1) BC8 (1) PCZ300 PCZ300 GA300 GA300 FIKIT300 FIKIT300 CHF32	-2-3-4 X4L/R a 400 B(Z4 (1), B(Z5 (2) 400 BC8 (1) 400 P(Z500 400 GA500 FIKIT500 400 C(HF42	450           BC24 (1),           BC25 (2)           450           BC8 (1)           450           PC2500           450           GA500           450           GA500           450           GA500           450           GA500           450           CHF42	ensate collect 500 BC24 (1), BC25 (2) 500 BC8 (1) 700 PC2500 500 GA500 FIKIT500 500 CHF42	ion trays. 550 BC24 (1), BC25 (2) 550 BC8 (1) 550 FC2500 550 GA500 FIKIT500 550 CHF42	600 BCZ4 ( BCZ5 ( BCZ5 ( BCS ( C C BCS ( C BCS ( C BCS ( C BCS ( C BCS ( C HF6) C HF6)	1), 2) 1) 0 0 0 0 2	650 B(Z4 (1), B(Z5 (2) 650 BC8 (1) PC2800 PC2800 650 GA800 FIKIT800 FIKIT800 CHF62	BCZ6 (2) 900 BC9 (1) 900 PCZ1000 900 GA800 FIKIT800 FIKIT800 CHIF62	BCZ6 955 BC9 955 955 6A8 955 FIKIT 955 CHFF
1) DSC4 cannot be mounted if even just Condensate drip Ver H,HP,HT 1) For vertical installation. 2) For horizontal installation. Ver HP 1) For horizontal installation. Panel closing the rear of th Ver H,HT Grille also applicable for fl Ver H,HP,HT Metal supports for GA grill Ver H,HP,HT Metal supports for GA grill Ver HP Brackets to fix the fan coil Ver	200 BCZ4 (1), BCZ5 (2) BCB (1) be unit 200 PCZ200 PCZ200 GA200 GA200 GA200 FIKIT200 FIKIT200 CHF22 to the floor. 200 SPCZ	250 BCZ4 (1), BCZ5 (2) 250 BC8 (1) 250 PCZ200 tion 250 GA200 FIKIT200 FIKIT200 CHF22 250 CHF22	300 BC24 (1), BC25 (2) 300 BC8 (1) 9 C7300 PC7300 PC7300 GA300 GA300 FIKIT300 FIKIT300 CHF32	350 BCZ4 (1), BCZ5 (2) BC8 (1) BC8 (1) PCZ300 PCZ300 GA300 GA300 FIKIT300 FIKIT300 CHF32 CHF32	-2-3-4 X4L/R a 400 B(Z4 (1), B(Z5 (2) 400 BC8 (1) PCZ500 400 GA500 400 FIKIT500 400 C(HF42 400	A50 BCZ4 (1), BCZ5 (2) A50 BC8 (1) BC8 (1) A50 PCZ500 A50 GA500 FIKIT500 FIKIT500 A50 CHF42 A50	ensate collect 500 B(Z4 (1), B(Z5 (2) 500 B(28 (1) 500 P(Z500 500 GA500 FIKIT500 FIKIT500 C(HF42 500	ion trays. 550 BC24 (1), BC25 (2) 550 BC8 (1) 550 FC2500 550 GA500 FIKIT500 CHF42 550	600 B(Z4 ( B(Z5 ( 600 B(8 ( P(Z80 P(Z80 G00 GA80 FIKIT80 G00 CHF6 G00	1), 2) 1) 0 0 0 0 2	650 B(Z24 (1), B(Z5 (2) 650 B(R (1) P(Z800 650 GA800 650 FIKIT800 CHF62	BCZ6 (2) 900 BC9 (1) 900 PCZ1000 PCZ1000 900 GA800 FIKIT800 FIKIT800 CHIF62 900	BCZ6 955 BC9 955 955 955 955 955 955 CHF
1) DSC4 cannot be mounted if even just Condensate drip Ver H,HP,HT 1) For vertical installation. 2) For horizontal installation. Ver HP 1) For horizontal installation. Panel closing the rear of th Ver H,HT Grille also applicable for fl Ver H,HT Metal supports for GA gril. Ver H,HP,HT Metal supports for GA gril. Ver H,HP,HT	200 BCZ4 (1), BCZ5 (2) BCB (1) be unit 200 PCZ200 PCZ200 GA200 GA200 GA200 FIKIT200 FIKIT200 CHF22 to the floor. 200 SPCZ	250 BCZ4 (1), BCZ5 (2) 250 BC8 (1) 250 PCZ200 tion 250 GA200 FIKIT200 FIKIT200 CHF22 250 CHF22	300 BC24 (1), BC25 (2) 300 BC8 (1) 9 C7300 PC7300 PC7300 GA300 GA300 FIKIT300 FIKIT300 CHF32	350 BCZ4 (1), BCZ5 (2) BC8 (1) BC8 (1) PCZ300 PCZ300 GA300 GA300 FIKIT300 FIKIT300 CHF32 CHF32	-2-3-4 X4L/R a 400 B(Z4 (1), B(Z5 (2) 400 BC8 (1) PCZ500 400 GA500 400 FIKIT500 400 C(HF42 400	A50 BCZ4 (1), BCZ5 (2) A50 BC8 (1) BC8 (1) A50 PCZ500 A50 GA500 FIKIT500 FIKIT500 A50 CHF42 A50	ensate collect 500 B(Z4 (1), B(Z5 (2) 500 B(28 (1) 500 P(Z500 500 GA500 FIKIT500 FIKIT500 C(HF42 500	ion trays. 550 BC24 (1), BC25 (2) 550 BC8 (1) 550 FC2500 550 GA500 FIKIT500 CHF42 550	600 B(Z4 ( B(Z5 ( 600 B(8 ( P(Z80 P(Z80 G00 GA80 FIKIT80 G00 CHF6 G00	1), 2) 1) 0 0 0 0 2	650 B(Z24 (1), B(Z5 (2) 650 B(R (1) P(Z800 650 GA800 650 FIKIT800 CHF62	BCZ6 (2) 900 BC9 (1) 900 PCZ1000 PCZ1000 900 GA800 FIKIT800 FIKIT800 CHIF62 900	BCZ6 955 BC9 955 955 955 955 955 955 CHF

Ver	200	250	300	350	400	450	500	550	600	650	900	
Н,НР,НТ	ZXZ											

### **PERFORMANCE SPECIFICATIONS**

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**Model** VCZ4324 (2)

**Ver** H,HP,HT

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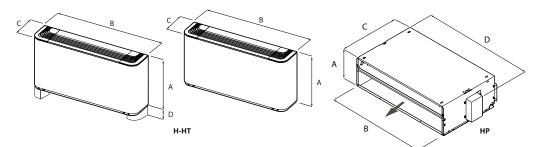
FCZ200H		FCZ250H		FCZ300H			FCZ350H			FCZ400H			FCZ450H				
1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3

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			FCZ200H	1		FCZ250H			FCZ300H	1		FCZ350H			FCZ400H			FCZ450H	1
		L	М	Н	L	М	Н	L	М	Н	L	М	Н	L	М	Н	L	М	Н
Heating performance 70 °C / 60 °C (1)																			
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	l/h	177	258	324	193	278	355	304	391	482	330	431	539	379	503	627	400	551	685
Pressure drop system side	kPa	6	12	18	7	15	23	7	12	18	8	14	20	9	16	24	6	11	16
Heating performance 45 °C / 40 °C (2)																			
Heating capacity	kW	1,00	1,46	1,84	1,09	1,58	2,01	1,72	2,21	2,73	1,87	2,44	3,06	2,14	2,85	3,55	2,27	3,12	3,88
Water flow rate system side	l/h	174	254	319	190	274	350	299	385	475	325	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 (3)																			
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	al		Centrifuga		(	entrifug	al	(	entrifuga		(	entrifuga	ıl	(	Centrifuga	al
Fan motor	type		synchrono			synchronoi			ynchrono			ynchrono			ynchrono			ynchrono	
Number		Asynchronous 1		1	1		,13	2			2			2		,,,,	2		
Air flow rate	m <sup>3</sup> /h	140	220	290	140	220	290	260	350	450	260	350	450	330	460	600	330	460	600
Input power	W	25	220	33	25	220	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									. 4									. 4	15
Type	type		Gas - F			Gas - F			Gas - F			Gas - F			Gas - F			Gas - F	
Main coil	Ø		1/2"			1/2"			3/4"			3/4"			3/4"			3/4"	
Fan coil sound data (4)			1/2			1/2			5/1		L	5/1			5/1			5/1	
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	ub(//)	27,0	50,0	45,0	21,0	50,0	15,0	20,0	55,0	10,0	20,0	55,0	10,0	27,0	50,0	45,0	27,0	50,0	15,0
Power supply		2	30V~50	47	)	30V~50H	7	230V~50Hz			2	30V~50H	7	230V~50Hz			230V~50Hz		
							2												
			FCZ500		<u> </u>	FCZ550H		FCZ600H			FCZ650H			FCZ900H				FCZ950H	
		1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
U		L	М	H	L	М	H	L	М	Н	L	М	H	L	М	Н	L	М	H
	Law	_																	
Heating capacity	kW	5,27	7,31	8,50	5,82	8,34	9,75	6,50	8,10	10,00	7,19	9,15	11,50	10,77	13,35	15,14	11,20	14,42	17,10
Heating capacity Water flow rate system side	l/h	5,27 462	7,31 641	8,50 745	5,82 510	8,34 731	9,75 855	6,50 570	8,10 710	10,00 877	7,19 631	9,15 802	11,50 1008	10,77 945	13,35 1171	15,14 1328	11,20 982	14,42 1264	17,10 1500
Heating capacity Water flow rate system side Pressure drop system side		5,27	7,31	8,50	5,82	8,34	9,75	6,50	8,10	10,00	7,19	9,15	11,50	10,77	13,35	15,14	11,20	14,42	17,10
Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 40 °C (2)	l/h kPa	5,27 462 12	7,31 641 21	8,50 745 28	5,82 510 10	8,34 731 20	9,75 855 26	6,50 570 12	8,10 710 18	10,00 877 26	7,19 631 14	9,15 802 21	11,50 1008 31	10,77 945 12	13,35 1171 17	15,14 1328 22	11,20 982 16	14,42 1264 25	17,10 1500 33
Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 40 °C (2) Heating capacity	l/h kPa kW	5,27 462 12 2,62	7,31 641 21 3,63	8,50 745 28 4,22	5,82 510 10 2,89	8,34 731 20 4,14	9,75 855 26 4,85	6,50 570 12 3,32	8,10 710 18 4,03	10,00 877 26 4,97	7,19 631 14 3,57	9,15 802 21 4,55	11,50 1008 31 5,72	10,77 945 12 5,35	13,35 1171 17 6,64	15,14 1328 22 7,53	11,20 982 16 5,57	14,42 1264 25 7,17	17,10 1500 33 8,50
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	l/h kPa kW l/h	5,27 462 12 2,62 455	7,31 641 21 3,63 631	8,50 745 28 4,22 734	5,82 510 10 2,89 502	8,34 731 20 4,14 720	9,75 855 26 4,85 842	6,50 570 12 3,32 561	8,10 710 18 4,03 699	10,00 877 26 4,97 863	7,19 631 14 3,57 621	9,15 802 21 4,55 790	11,50 1008 31 5,72 993	10,77 945 12 5,35 930	13,35 1171 17 6,64 1152	15,14 1328 22 7,53 1307	11,20 982 16 5,57 967	14,42 1264 25 7,17 1245	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	l/h kPa kW	5,27 462 12 2,62	7,31 641 21 3,63	8,50 745 28 4,22	5,82 510 10 2,89	8,34 731 20 4,14	9,75 855 26 4,85	6,50 570 12 3,32	8,10 710 18 4,03	10,00 877 26 4,97	7,19 631 14 3,57	9,15 802 21 4,55	11,50 1008 31 5,72	10,77 945 12 5,35	13,35 1171 17 6,64	15,14 1328 22 7,53	11,20 982 16 5,57	14,42 1264 25 7,17	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 (3)	I/h kPa kW I/h kPa	5,27 462 12 2,62 455 12	7,31 641 21 3,63 631 21	8,50 745 28 4,22 734 28	5,82 510 10 2,89 502 10	8,34 731 20 4,14 720 20	9,75 855 26 4,85 842 26	6,50 570 12 3,32 561 12	8,10 710 18 4,03 699 18	10,00 877 26 4,97 863 26	7,19 631 14 3,57 621 14	9,15 802 21 4,55 790 20	11,50 1008 31 5,72 993 31	10,77 945 12 5,35 930 12	13,35 1171 17 6,64 1152 17	15,14 1328 22 7,53 1307 22	11,20 982 16 5,57 967 15	14,42 1264 25 7,17 1245 24	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 (3) Cooling capacity	I/h kPa kW I/h kPa kW	5,27 462 12 2,62 455 12 2,68	7,31 641 21 3,63 631 21 3,69	8,50 745 28 4,22 734 28 4,25	5,82 510 10 2,89 502 10 2,91	8,34 731 20 4,14 720 20 4,13	9,75 855 26 4,85 842 26 4,79	6,50 570 12 3,32 561 12 3,22	8,10 710 18 4,03 699 18 3,90	10,00 877 26 4,97 863 26 4,65	7,19 631 14 3,57 621 14 3,95	9,15 802 21 4,55 790 20 4,80	11,50 1008 31 5,72 993 31 5,67	10,77 945 12 5,35 930 12 4,29	13,35 1171 17 6,64 1152 17 5,00	15,14 1328 22 7,53 1307 22 6,91	11,20 982 16 5,57 967 15 5,77	14,42 1264 25 7,17 1245 24 7,32	17,10 1500 33 8,50 1476 33 8,60
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 (3) Cooling capacity Sensible cooling capacity	I/h kPa kW I/h kPa kW kW	5,27 462 12 2,62 455 12 2,68 1,94	7,31 641 21 3,63 631 21 3,69 2,73	8,50 745 28 4,22 734 28 4,25 3,18	5,82 510 10 2,89 502 10 2,91 2,07	8,34 731 20 4,14 720 20 4,13 2,98	9,75 855 26 4,85 842 26 26 4,79 3,49	6,50 570 12 3,32 561 12 3,22 2,56	8,10 710 18 4,03 699 18 3,90 3,17	10,00 877 26 4,97 863 26 4,65 3,92	7,19 631 14 3,57 621 14 3,95 2,78	9,15 802 21 4,55 790 20 4,80 3,43	11,50 1008 31 5,72 993 31 5,67 4,12	10,77 945 12 5,35 930 12 4,29 2,97	13,35 1171 17 6,64 1152 17 5,00 3,78	15,14 1328 22 7,53 1307 22 6,91 5,68	11,20 982 16 5,57 967 15 5,77 3,80	14,42 1264 25 7,17 1245 24 7,32 4,87	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 (3) Cooling capacity Sensible cooling capacity Water flow rate system side	I/h kPa kW I/h kPa kW kW I/h	5,27 462 12 2,62 455 12 2,68 1,94 460	7,31 641 21 3,63 631 21 3,69 2,73 634	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	8,34 731 20 4,14 720 20 4,13 2,98 711	9,75 855 26 4,85 842 26 26 4,79 3,49 824	6,50 570 12 3,32 561 12 3,22 2,56 554	8,10 710 18 4,03 699 18 3,90 3,17 671	10,00 877 26 4,97 863 26 26 4,65 3,92 800	7,19 631 14 3,57 621 14 3,95 2,78 595	9,15 802 21 4,55 790 20 4,80 3,43 825	11,50 1008 31 5,72 993 31 5,67 4,12 975	10,77 945 12 5,35 930 12 12 4,29 2,97 738	13,35 1171 17 6,64 1152 17 5,00 3,78 860	15,14 1328 22 7,53 1307 22 6,91 5,68 1189	11,20 982 16 5,57 967 15 5,77 3,80 992	14,42 1264 25 7,17 1245 24 7,32 4,87 1259	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 Cooling performance 7 °C / 12 °C (3) Cooling capacity Sensible cooling capacity Water flow rate system side Pressure drop system side	I/h kPa kW I/h kPa kW kW	5,27 462 12 2,62 455 12 2,68 1,94	7,31 641 21 3,63 631 21 3,69 2,73	8,50 745 28 4,22 734 28 4,25 3,18	5,82 510 10 2,89 502 10 2,91 2,07	8,34 731 20 4,14 720 20 4,13 2,98	9,75 855 26 4,85 842 26 26 4,79 3,49	6,50 570 12 3,32 561 12 3,22 2,56	8,10 710 18 4,03 699 18 3,90 3,17	10,00 877 26 4,97 863 26 4,65 3,92	7,19 631 14 3,57 621 14 3,95 2,78	9,15 802 21 4,55 790 20 4,80 3,43	11,50 1008 31 5,72 993 31 5,67 4,12	10,77 945 12 5,35 930 12 4,29 2,97	13,35 1171 17 6,64 1152 17 5,00 3,78	15,14 1328 22 7,53 1307 22 6,91 5,68	11,20 982 16 5,57 967 15 5,77 3,80	14,42 1264 25 7,17 1245 24 7,32 4,87	17,10 1500 33 8,50 1476 33 8,60
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 (3) Cooling capacity Sensible cooling capacity Water flow rate system side Pressure drop system side Pressure drop system side Fan	I/h kPa kW I/h kPa kW kW I/h kPa	5,27 462 12 2,62 455 12 2,68 1,94 460 13	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	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 14	8,10 710 18 4,03 699 18 3,90 3,17 671 19	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	9,15 802 21 4,55 790 20 4,80 3,43 825 21	11,50 1008 31 5,72 993 31 5,67 4,12 975 28	10,77 945 12 5,35 930 12 4,29 2,97 738 10	13,35 1171 17 6,64 1152 17 5,00 3,78 860 13	15,14 1328 22 7,53 1307 22 6,91 5,68 1189 22	11,20 982 16 5,57 967 15 5,77 3,80 992 15	14,42 1264 25 7,17 1245 24 7,32 4,87 1259 23	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 (3) Cooling capacity Sensible cooling capacity Water flow rate system side Pressure drop system side Fan Type	I/h kPa kW I/h kPa kW kW I/h kPa type	5,27 462 12 2,62 455 12 2,68 1,94 460 13	7,31 641 21 3,63 631 21 3,69 2,73 634 23 Centrifuga	8,50 745 28 4,22 734 28 4,25 3,18 731 29 al	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 Centrifugal	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 14	8,10 710 18 4,03 699 18 3,90 3,17 671 19 	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	9,15 802 21 4,55 790 20 4,80 3,43 825 21 centrifuga	11,50 1008 31 5,72 993 31 5,67 4,12 975 28	10,77 945 12 5,35 930 12 4,29 2,97 738 10	13,35 1171 17 6,64 1152 17 5,00 3,78 860 13 	15,14 1328 22 7,53 1307 22 6,91 5,68 1189 22	11,20 982 16 5,57 967 15 5,77 3,80 992 15	14,42 1264 25 7,17 1245 24 7,32 4,87 1259 23 Centrifuga	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 Cooling performance 7 °C / 12 °C (3) Cooling capacity Sensible cooling capacity Water flow rate system side Pressure drop system side Fan Type Fan motor	I/h kPa kW I/h kPa kW kW I/h kPa	5,27 462 12 2,62 455 12 2,68 1,94 460 13	7,31 641 21 3,63 631 21 3,69 2,73 634 23 Centrifuga synchrono	8,50 745 28 4,22 734 28 4,25 3,18 731 29 al	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 Centrifugal synchronou	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 14	8,10 710 18 4,03 699 18 3,90 3,17 671 19 centrifuga ynchrono	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	9,15 802 21 4,55 790 20 4,80 3,43 825 21 centrifuga ynchrono	11,50 1008 31 5,72 993 31 5,67 4,12 975 28	10,77 945 12 5,35 930 12 4,29 2,97 738 10	13,35 1171 17 6,64 1152 17 5,00 3,78 860 13 	15,14 1328 22 7,53 1307 22 6,91 5,68 1189 22	11,20 982 16 5,57 967 15 5,77 3,80 992 15	14,42 1264 25 7,17 1245 24 7,32 4,87 1259 23 Centrifuga synchrono	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 (3) Cooling capacity Sensible cooling capacity Water flow rate system side Pressure drop system side Fan Type Fan motor Number	I/h kPa kW I/h kPa kW kW kW I/h kPa type type no.	5,27 462 12 2,62 455 12 2,68 1,94 460 13	7,31 641 21 3,63 631 21 3,69 2,73 634 23 Centrifuga ynchrono 2	8,50 745 28 4,22 734 28 4,25 3,18 731 29 al	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 Centrifugal synchronou 2	9,75 855 26 4,85 842 26 4,79 3,49 824 28 824 28	6,50 570 12 3,32 561 12 3,22 2,56 554 14 ( ( , , , , , , , , , , , , , , , , ,	8,10 710 18 4,03 699 18 3,90 3,17 671 19 	10,00 877 26 4,97 863 26 4,65 3,92 800 26 26	7,19 631 14 3,57 621 14 3,95 2,78 595 15 ( ( Ass	9,15 802 21 4,55 790 20 4,80 3,43 825 21 centrifuga ynchrono 3	11,50 1008 31 5,72 993 31 5,67 4,12 975 28     us	10,77 945 12 5,35 930 12 4,29 2,97 738 10 ( ( Ass	13,35 1171 17 6,64 1152 17 5,00 3,78 860 13 	15,14 1328 22 7,53 1307 22 6,91 5,68 1189 22 22 1189 22	11,20 982 16 5,57 967 15 5,77 3,80 992 15 (( As	14,42 1264 25 7,17 1245 24 7,32 4,87 1259 23 Centrifuga synchrono 3	17,10 1500 33 8,50 1476 33 8,60 5,78 1479 30 al
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 Cooling performance 7 °C / 12 °C (3) Cooling capacity Sensible cooling capacity Water flow rate system side Pressure drop system side Fan Type Fan motor Number Air flow rate	I/h kPa kW I/h kPa kW kW kW I/h kPa type type no. m <sup>3</sup> /h	5,27 462 12 2,62 455 12 2,68 1,94 460 13	7,31 641 21 3,63 631 21 3,69 2,73 634 23 Centrifug: ynchrono 2 600	8,50 745 28 4,22 734 28 4,25 3,18 731 29 29 al Dus 720	5,82 510 10 2,89 502 10 2,91 2,07 501 12 ( 400	8,34 731 20 4,14 720 20 4,13 2,98 711 22 Centrifugal synchronou 2 600	9,75 855 26 4,85 842 26 4,79 3,49 824 28 824 28 15 52	6,50 570 12 3,32 561 12 3,22 2,56 554 14	8,10 710 18 4,03 699 18 3,90 3,17 671 19 	10,00 877 26 4,97 863 26 4,65 3,92 800 26 800 26 al	7,19 631 14 3,57 621 14 3,95 2,78 595 15 () () As 520	9,15 802 21 4,55 790 20 4,80 3,43 825 21 ientrifuga ynchrono 3 720	11,50 1008 31 5,72 993 31 5,67 4,12 975 28 4 1 28 4 1 28 900	10,77 945 12 5,35 930 12 4,29 2,97 738 10 ( ( As 5,00)	13,35 1171 17 6,64 1152 17 5,00 3,78 860 13 13 13 13 930	15,14 1328 22 7,53 1307 22 6,91 5,68 1189 22 22 4 I 189 22 I 140	11,20 982 16 5,57 967 15 5,77 3,80 992 15 ( ( , , , , , , , , , , , , , , , , ,	14,42 1264 25 7,17 1245 24 7,32 4,87 1259 23 23 23 23 23 23 23 23 23 23	17,10 1500 33 8,50 1476 33 8,60 5,78 1479 30 30 al
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 Cooling performance 7 °C / 12 °C (3) 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	I/h kPa kW I/h kPa kW kW kW I/h kPa type type no.	5,27 462 12 2,62 455 12 2,68 1,94 460 13 ( ,400 38	7,31 641 21 3,63 631 21 3,69 2,73 634 23 Centrifuga ynchrono 2 600 52	8,50 745 28 4,22 734 28 4,25 3,18 731 29 al 29 al 720 720 76	5,82 510 10 2,89 502 10 2,91 2,07 501 12 ( 400 38	8,34 731 20 4,14 720 20 4,13 2,98 711 22 Centrifugal synchronou 2 600 52	9,75 855 26 4,85 842 26 4,79 3,49 824 28 824 28 15 5 720 76	6,50 570 12 3,32 561 12 3,22 2,56 554 14 ( ( ( , , , , , , , , , , , , , , , ,	8,10 710 18 4,03 699 18 3,90 3,17 671 19 rentrifugi ynchrono 3 720 60	10,00 877 26 4,97 863 26 4,65 3,92 800 26 26 al bus 900 91	7,19 631 14 3,57 621 14 3,95 2,78 595 15 ( ( As 520 38	9,15 802 21 4,55 790 20 4,80 3,43 825 21 centrifuga ynchrono 3 720 60	11,50 1008 31 5,72 993 31 5,67 4,12 975 28 4,12 975 28 4,12 975 28 4,12 975 28 900 91	10,77 945 12 5,35 930 12 4,29 2,97 738 10 ( ( Ass 700 59	13,35 1171 17 6,64 1152 17 5,00 3,78 860 13 	15,14 1328 22 7,53 1307 22 6,91 5,68 1189 22 22 4  1140 106	11,20 982 16 5,57 967 15 5,77 3,80 992 15 ( ( As 200 59	14,42 1264 25 7,17 1245 24 7,32 4,87 1259 23 23 Centrifuga 3 930 80	17,10 1500 33 8,50 1476 33 8,60 5,78 1479 30 30 al bus 1140 106
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 Cooling performance 7 °C / 12 °C (3) 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 Electrical wiring	I/h kPa kW I/h kPa kW kW kW I/h kPa type type no. m <sup>3</sup> /h	5,27 462 12 2,62 455 12 2,68 1,94 460 13	7,31 641 21 3,63 631 21 3,69 2,73 634 23 Centrifug: ynchrono 2 600	8,50 745 28 4,22 734 28 4,25 3,18 731 29 29 al Dus 720	5,82 510 10 2,89 502 10 2,91 2,07 501 12 ( 400	8,34 731 20 4,14 720 20 4,13 2,98 711 22 Centrifugal synchronou 2 600	9,75 855 26 4,85 842 26 4,79 3,49 824 28 824 28 15 52	6,50 570 12 3,32 561 12 3,22 2,56 554 14	8,10 710 18 4,03 699 18 3,90 3,17 671 19 	10,00 877 26 4,97 863 26 4,65 3,92 800 26 800 26 al	7,19 631 14 3,57 621 14 3,95 2,78 595 15 () () As 520	9,15 802 21 4,55 790 20 4,80 3,43 825 21 ientrifuga ynchrono 3 720	11,50 1008 31 5,72 993 31 5,67 4,12 975 28 4 1 28 4 1 28 900	10,77 945 12 5,35 930 12 4,29 2,97 738 10 ( ( As 5,00)	13,35 1171 17 6,64 1152 17 5,00 3,78 860 13 13 13 13 930	15,14 1328 22 7,53 1307 22 6,91 5,68 1189 22 22 4	11,20 982 16 5,57 967 15 5,77 3,80 992 15 ( ( , , , , , , , , , , , , , , , , ,	14,42 1264 25 7,17 1245 24 7,32 4,87 1259 23 23 23 23 23 23 23 23 23 23	17,10 1500 33 8,50 1476 33 8,60 5,78 1479 30 30 al
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 Cooling performance 7 °C / 12 °C (3) 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 Electrical wiring	I/h kPa kW I/h kPa kW kW kW I/h kPa type type no. m <sup>3</sup> /h	5,27 462 12 2,62 455 12 2,68 1,94 460 13 ( ,400 38	7,31 641 21 3,63 631 2,1 3,69 2,73 634 23 Centrifuga 2 2 3 604 23 2 2 52 V2	8,50 745 28 4,22 734 28 4,25 3,18 731 29 al 29 al 720 720 76	5,82 510 10 2,89 502 10 2,91 2,07 501 12 ( 400 38	8,34 731 20 4,14 720 20 4,13 2,98 711 22 Centrifugal synchronou 2 600 52	9,75 855 26 4,85 842 26 4,79 3,49 824 28 824 28 15 5 720 76	6,50 570 12 3,32 561 12 3,22 2,56 554 14 ( ( ( , , , , , , , , , , , , , , , ,	8,10 710 18 4,03 699 18 3,90 3,17 671 19 centrifuga ynchrono 3 720 60 V2	10,00 877 26 4,97 863 26 4,65 3,92 800 26 26 al bus 900 91	7,19 631 14 3,57 621 14 3,95 2,78 595 15 ( ( As 520 38	9,15 802 21 4,55 790 20 4,80 3,43 825 21 eentrifuga ynchrono 3 720 60 V2	11,50 1008 31 5,72 993 31 5,67 4,12 975 28 4,12 975 28 4,12 975 28 4,12 975 28 900 91	10,77 945 12 5,35 930 12 4,29 2,97 738 10 ( ( Ass 700 59	13,35 1171 17 6,64 1152 17 5,00 3,78 860 13 	15,14 1328 22 7,53 1307 22 6,91 5,68 1189 22 22 4  1140 106	11,20 982 16 5,57 967 15 5,77 3,80 992 15 ( ( As 200 59	14,42 1264 25 7,17 1245 24 7,32 4,87 1259 23 23 Centrifuga 3 930 80 V2	17,10 1500 33 8,50 1476 33 8,60 5,78 1479 30 30 al buus 1140 106
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 Cooling performance 7 °C / 12 °C (3) Cooling capacity Water flow rate system side Fan Type Fan motor Number Air flow rate Input power Electrical wiring Diametre hydraulic fittings	I/h kPa kW I/h kPa kW kW kW I/h kPa type type no. m <sup>3</sup> /h	5,27 462 12 2,62 455 12 2,68 1,94 460 13 ( ,400 38	7,31 641 21 3,63 631 21 3,69 2,73 634 23 Centrifuga ynchrono 2 600 52	8,50 745 28 4,22 734 28 4,25 3,18 731 29 al 29 al 720 720 76	5,82 510 10 2,89 502 10 2,91 2,07 501 12 ( 400 38	8,34 731 20 4,14 720 20 4,13 2,98 711 22 Centrifugal synchronou 2 600 52	9,75 855 26 4,85 842 26 4,79 3,49 824 28 824 28 15 5 720 76	6,50 570 12 3,32 561 12 3,22 2,56 554 14 ( ( ( , , , , , , , , , , , , , , , ,	8,10 710 18 4,03 699 18 3,90 3,17 671 19 rentrifugi ynchrono 3 720 60	10,00 877 26 4,97 863 26 4,65 3,92 800 26 26 al bus 900 91	7,19 631 14 3,57 621 14 3,95 2,78 595 15 ( ( As 520 38	9,15 802 21 4,55 790 20 4,80 3,43 825 21 centrifuga ynchrono 3 720 60	11,50 1008 31 5,72 993 31 5,67 4,12 975 28 4,12 975 28 4,12 975 28 4,12 975 28 900 91	10,77 945 12 5,35 930 12 4,29 2,97 738 10 ( ( Ass 700 59	13,35 1171 17 6,64 1152 17 5,00 3,78 860 13 	15,14 1328 22 7,53 1307 22 6,91 5,68 1189 22 22 4  1140 106	11,20 982 16 5,57 967 15 5,77 3,80 992 15 ( ( As 200 59	14,42 1264 25 7,17 1245 24 7,32 4,87 1259 23 23 Centrifuga 3 930 80	17,10 1500 33 8,50 1476 33 8,60 5,78 1479 30 30 al buus 1140 106
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 (3) 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 Electrical wiring Diametre hydraulic fittings Type Main coil	I/h       kPa       kW       I/h       kPa       kW       kW       kW       type       type       no.       m³/h       W	5,27 462 12 2,62 455 12 2,68 1,94 460 13 ( ,400 38	7,31 641 21 3,63 631 2,1 3,69 2,73 634 23 Centrifuga 2 2 3 604 23 2 2 52 V2	8,50 745 28 4,22 734 28 4,25 3,18 731 29 al 29 al 720 720 76	5,82 510 10 2,89 502 10 2,91 2,07 501 12 ( 400 38	8,34 731 20 4,14 720 20 4,13 2,98 711 22 Centrifugal synchronou 2 600 52 V2	9,75 855 26 4,85 842 26 4,79 3,49 824 28 824 28 15 5 720 76	6,50 570 12 3,32 561 12 3,22 2,56 554 14 ( ( ( , , , , , , , , , , , , , , , ,	8,10 710 18 4,03 699 18 3,90 3,17 671 19 centrifuga ynchrono 3 720 60 V2	10,00 877 26 4,97 863 26 4,65 3,92 800 26 26 al bus 900 91	7,19 631 14 3,57 621 14 3,95 2,78 595 15 ( ( As 520 38	9,15 802 21 4,55 790 20 4,80 3,43 825 21 eentrifuga ynchrono 3 720 60 V2	11,50 1008 31 5,72 993 31 5,67 4,12 975 28 4,12 975 28 4,12 975 28 4,12 975 28 900 91	10,77 945 12 5,35 930 12 4,29 2,97 738 10 ( ( Ass 700 59	13,35 1171 17 6,64 1152 17 5,00 3,78 860 13 	15,14 1328 22 7,53 1307 22 6,91 5,68 1189 22 22 4  1140 106	11,20 982 16 5,57 967 15 5,77 3,80 992 15 ( ( As 200 59	14,42 1264 25 7,17 1245 24 7,32 4,87 1259 23 23 Centrifuga 3 930 80 V2	17,10 1500 33 8,50 1476 33 8,60 5,78 1479 30 30 al buus 1140 106
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 (3) 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 Electrical wiring Diametre hydraulic fittings Type Main coil	I/h kPa kW I/h kPa kW kW kW I/h kPa type type no. m <sup>3</sup> /h W	5,27 462 12 2,62 455 12 2,68 1,94 460 13 ( ,400 38	7,31 641 21 3,63 631 2,1 3,69 2,73 634 23 604 23 Centrifuga 2 3,69 2,73 634 23 52 V2 V2 Gas - F	8,50 745 28 4,22 734 28 4,25 3,18 731 29 al 29 al 720 720 76	5,82 510 10 2,89 502 10 2,91 2,07 501 12 ( 400 38	8,34 731 20 4,14 720 20 4,13 2,98 711 22 Centrifugal synchronou 2 600 52 V2 Gas - F	9,75 855 26 4,85 842 26 4,79 3,49 824 28 824 28 15 5 720 76	6,50 570 12 3,32 561 12 3,22 2,56 554 14 ( ( ( , , , , , , , , , , , , , , , ,	8,10 710 18 4,03 699 18 3,90 3,17 671 19 centrifuga ynchrono 3 720 60 V2 Gas - F	10,00 877 26 4,97 863 26 4,65 3,92 800 26 26 al bus 900 91	7,19 631 14 3,57 621 14 3,95 2,78 595 15 ( ( As 520 38	9,15 802 21 4,55 790 20 4,80 3,43 825 21 centrifuga ynchrono 3 720 60 V2 Gas - F	11,50 1008 31 5,72 993 31 5,67 4,12 975 28 4,12 975 28 4,12 975 28 4,12 975 28 900 91	10,77 945 12 5,35 930 12 4,29 2,97 738 10 ( ( Ass 700 59	13,35 1171 17 6,64 1152 17 5,00 3,78 860 13 7 5,00 3,78 860 13 13 13 13 13 13 13 13 13 13 13 13 13	15,14 1328 22 7,53 1307 22 6,91 5,68 1189 22 22 4  1140 106	11,20 982 16 5,57 967 15 5,77 3,80 992 15 ( ( As 200 59	14,42 1264 25 7,17 1245 24 7,32 4,87 1259 23 23 Centrifuga 3 930 80 V2 Gas - F	17,10 1500 33 8,50 1476 33 8,60 5,78 1479 30 30 al buus 1140 106
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 (3) 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 Electrical wiring Diametre hydraulic fittings Type Main coil Fan coil sound data (4)	I/h kPa kW I/h kPa kW kW kW I/h kPa type type no. m <sup>3</sup> /h W	5,27 462 12 2,62 455 12 2,68 1,94 460 13 ( ,400 38	7,31 641 21 3,63 631 2,1 3,69 2,73 634 23 604 23 Centrifuga 2 3,69 2,73 634 23 52 V2 V2 Gas - F	8,50 745 28 4,22 734 28 4,25 3,18 731 29 al 29 al 720 720 76	5,82 510 10 2,89 502 10 2,91 2,07 501 12 ( 400 38	8,34 731 20 4,14 720 20 4,13 2,98 711 22 Centrifugal synchronou 2 600 52 V2 Gas - F	9,75 855 26 4,85 842 26 4,79 3,49 824 28 824 28 15 5 720 76	6,50 570 12 3,32 561 12 3,22 2,56 554 14 ( ( ( , , , , , , , , , , , , , , , ,	8,10 710 18 4,03 699 18 3,90 3,17 671 19 centrifuga ynchrono 3 720 60 V2 Gas - F	10,00 877 26 4,97 863 26 4,65 3,92 800 26 26 al bus 900 91	7,19 631 14 3,57 621 14 3,95 2,78 595 15 ( ( As 520 38	9,15 802 21 4,55 790 20 4,80 3,43 825 21 centrifuga ynchrono 3 720 60 V2 Gas - F	11,50 1008 31 5,72 993 31 5,67 4,12 975 28 4,12 975 28 4,12 975 28 4,12 975 28 900 91	10,77 945 12 5,35 930 12 4,29 2,97 738 10 ( ( Ass 700 59	13,35 1171 17 6,64 1152 17 5,00 3,78 860 13 7 5,00 3,78 860 13 13 13 13 13 13 13 13 13 13 13 13 13	15,14 1328 22 7,53 1307 22 6,91 5,68 1189 22 22 4  1140 106	11,20 982 16 5,57 967 15 5,77 3,80 992 15 ( ( As 200 59	14,42 1264 25 7,17 1245 24 7,32 4,87 1259 23 23 Centrifuga 3 930 80 V2 Gas - F	17,10 1500 33 8,50 1476 33 8,60 5,78 1479 30 al bus 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 (3)         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         Electrical wiring         Diametre hydraulic fittings         Type         Main coil         Fan coil sound data (4)         Sound power level	I/h           kPa           kW           I/h           kPa           kW           type           no.           m³/h           W           type           Ø	5,27 462 12 2,62 455 12 2,68 1,94 460 13 400 38 V1	7,31 641 21 3,63 631 2,1 3,69 2,73 634 23 Centrifuga 2,3 634 23 Centrifuga 2 52 V2 V2 Gas - F 3/4″	8,50 745 28 4,22 734 28 4,25 3,18 731 29 al 29 29 720 76 V3	5,82 510 10 2,89 502 10 2,91 2,07 501 12 400 38 V1	8,34 731 20 4,14 720 20 4,13 2,98 711 22 Centrifugal synchronolo 2 600 52 V2 V2 Gas - F 3/4"	9,75 855 26 4,85 842 26 4,79 3,49 824 28 28 15 720 76 V3	6,50 570 12 3,32 561 12 3,22 2,56 554 14 ( As 520 38 V1	8,10 710 18 4,03 699 18 3,90 3,17 671 19 centrifuga ynchrono 3 720 60 V2 Gas - F 3/4"	10,00 877 26 4,97 863 26 4,65 3,92 800 26 al 900 91 V3	7,19 631 14 3,57 621 14 3,95 2,78 595 15 ( ( As 520 38 V1	9,15 802 21 4,55 790 20 4,80 3,43 825 21 4,80 3,43 825 21 centrifuga ynchrono 3 720 60 V2 Gas - F 3/4″	11,50 1008 31 5,72 993 31 5,67 4,12 975 28 4,12 975 28 4,12 975 28 4,12 975 28 4,12 975 28 1 4,12 975 28 1 4,12 975 28 1 1 4,12 975 28 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	10,77 945 12 5,35 930 12 4,29 2,97 738 10 ( As 700 59 V1	13,35 1171 17 6,64 1152 17 5,00 3,78 860 13 7 5,00 3,78 860 13 13 20 20 20 20 20 20 20 20 20 20 20 20 20	15,14 1328 22 7,53 1307 22 6,91 5,68 1189 22 22 1140 106 V3	11,20 982 16 5,57 967 15 5,77 3,80 992 15 ( ( As 700 59 V1	14,42 1264 25 7,17 1245 24 7,32 4,87 1259 23 23 23 23 23 23 23 23 23 23 23 23 23	17,10 1500 33 8,50 1476 33 8,60 5,78 1479 30 al bus 1140 106 V3 61,0
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 (3) 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 coil Fan coil sound data (4) Sound power level Sound pressure	I/h           kPa           kW           I/h           kPa           kW           kW	5,27 462 12 2,62 455 12 2,68 1,94 460 13 ( 400 38 V1	7,31 641 21 3,63 631 21 3,69 2,73 634 23 634 23 634 23 600 52 52 V2 600 52 52 V2 52 52 52 52 52 52 52 52 52 52 52 52 52	8,50 745 28 4,22 734 28 4,25 3,18 731 29 29 29 29 29 20 76 V3 56,0	5,82 510 10 2,89 502 10 2,91 2,07 501 12 400 38 V1	8,34 731 20 4,14 720 20 4,13 2,98 711 22 Centrifugal synchronou 2 600 52 V2 V2 Gas - F 3/4" 51,0	9,75 855 26 4,85 842 26 4,79 3,49 824 28 28 15 720 76 V3 56,0	6,50 570 12 3,32 561 12 3,22 2,56 554 14 ( As 520 38 V1	8,10 710 18 4,03 699 18 3,90 3,17 671 19 	10,00 877 26 4,97 863 26 4,65 3,92 800 26 al bus 900 91 V3 57,0	7,19 631 14 3,57 621 14 3,95 2,78 595 15 ( 4s 520 38 V1 42,0	9,15 802 21 4,55 790 20 4,80 3,43 825 21 centrifuga ynchrono 3 720 60 V2 Gas - F 3/4"	11,50 1008 31 5,72 993 31 5,67 4,12 975 28 4,12 975 28 4,12 975 28 4,12 975 28 4,12 975 28 4,12 975 28 4,12 975 28 4,12 975 28 4,12 975 28 4,12 975 28 4,12 975 28 4,12 975 28 4,12 975 28 4,12 975 20 975 975 20 975 20 975 975 20 975 975 20 975 975 975 975 975 975 975 975 975 975	10,77 945 12 5,35 930 12 4,29 2,97 738 10 ( ( , , , , , , , , , , , , , , , , ,	13,35 1171 17 6,64 1152 17 5,00 3,78 860 13 13 ********************************	15,14 1328 22 7,53 1307 22 6,91 5,68 1189 22 22 11 140 106 V3 V3	11,20 982 16 5,57 967 15 5,77 3,80 992 15 ( 4 4 5 700 59 V1	14,42 1264 25 7,17 1245 24 7,32 4,87 1259 23 23 Centrifuga 23 930 80 V2 Gas - F 3/4" 57,0	17,10 1500 33 8,50 1476 33 8,60 5,78 1479 30 al bus 1140 106 V3 61,0
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 (3) Cooling capacity Sensible cooling capacity Water flow rate system side Pressure drop system side Fan	I/h           kPa           kW           I/h           kPa           kW           kW	5,27 462 12 2,62 455 12 2,68 1,94 460 13 400 38 V1 400 38 V1	7,31 641 21 3,63 631 21 3,69 2,73 634 23 634 23 634 23 600 52 52 V2 600 52 52 V2 52 52 52 52 52 52 52 52 52 52 52 52 52	8,50 745 28 4,22 734 28 4,25 3,18 731 29 al Dus 720 76 V3 56,0 48,0	5,82 510 10 2,89 502 10 2,91 2,07 501 12 400 38 V1 V1 42,0 34,0	8,34 731 20 4,14 720 20 4,13 2,98 711 22 Centrifugal synchronou 2 600 52 V2 V2 Gas - F 3/4" 51,0	9,75 855 26 4,85 842 26 4,79 3,49 824 28 15 720 76 V3 56,0 48,0	6,50 570 12 561 12 3,22 2,56 554 14 ( ( 3,22 2,56 554 14 ( ,45 520 38 V1 	8,10 710 18 4,03 699 18 3,90 3,17 671 19 	10,00 877 26 4,97 863 26 4,65 3,92 800 26 26 al 900 91 V3 V3 57,0 49,0	7,19 631 14 3,57 621 14 3,95 2,78 595 15 ( ( ( , As 520 38 V1 	9,15 802 21 4,55 790 20 4,80 3,43 825 21 centrifuga ynchrono 3 720 60 V2 Gas - F 3/4"	11,50 1008 31 5,72 993 31 5,67 4,12 975 28 4,12 975 28 4,12 975 28 4,12 975 28 1 4,12 975 28 1 57,0 49,0	10,77 945 12 5,35 930 12 4,29 2,97 738 10 ( 4,29 2,97 738 10 ( 0 ( 59 V1 ) 51,0 43,0	13,35 1171 17 6,64 1152 17 5,00 3,78 860 13 13 ********************************	15,14 1328 22 7,53 1307 22 6,91 5,68 1189 22 22 11 140 106 V3 V3 62,0 54,0	11,20 982 16 5,57 967 15 5,77 3,80 992 15 ( 0 43 0 700 59 V1 	14,42 1264 25 7,17 1245 24 7,32 4,87 1259 23 23 Centrifuga 23 930 80 V2 Gas - F 3/4" 57,0	17,10 1500 33 8,50 1476 33 8,60 5,78 1479 30 30 al Dus 1140 106 V3 61,0 53,0

(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) Room air temperature 27°C d.b./19°C w.b.; Water (in/out) 7 °C/12 °C; EUROVENT
 (4) 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														
	H,HT	mm	486	-	486	-	486	-	486	-	486	-	591	591
А	HP	mm	216	-	216	-	216	-	216	-	216	-	216	216
P	H,HT	mm	750	-	980	-	1200	-	1200	-	1320	-	1320	1320
D	HP	mm	562	-	793	-	1013	-	1013	-	1147	-	1147	1147
C	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
0	HP	mm	522	-	753	-	973	-	973	-	1122	-	1122	1122
Emptywoight	H,HT	kg	15	-	17	-	23	-	22	-	29	-	34	34
Empty weight	HP	kg	12	-	14	-	20	-	23	-	29	-	32	32

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