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Since 1990

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**FCZI** 

# **AERMEC**

### Fan coils for Vertical or Horizontal installation with Inverter brushless motor

клиентски цени в лв. без ддс

UNIT with m	ain coil only	(2 pipes)										
FCZI	200	250	300	350	400	450	500	550	700	750	900	950
AS	578 лв.	622 лв.	652 лв.	689 лв.	712 лв.	756 лв.	729 лв.	772 лв.	914 лв.	960 лв.	987 лв.	1,025 лв.
ACT	677 лв.	722 лв.	753 лв.	790 лв.	815 лв.	858 лв.	830 лв.	873 лв.	1,030 лв.	1,067 лв.	1,090 лв.	1,132 лв.
AF	616 лв.	649 лв.	689 лв.	726 лв.	753 лв.	796 лв.	768 лв.	811 лв.	-	-	1,015 лв.	1,071 лв.
н	960 лв.	-	1,021 лв.	-	1,098 лв.	-	1,098 лв.	-	1,408 лв.	-	1,445 лв.	-
НР	852 лв.	ı	897 лв.	-	944 лв.	1	946 лв.	-	1,228 лв.	-	1,264 лв.	-
нт	1,061 лв.	,	1,123 лв.	-	1,200 лв.	1	1,198 лв.	1	1,516 лв.	-	1,555 лв.	-
U	655 лв.	692 лв.	741 лв.	778 лв.	827 лв.	870 лв.	846 лв.	894 лв.	1,068 лв.	1,096 лв.	1,142 лв.	1,181 лв.
UF	683 лв.	719 лв.	778 лв.	815 лв.	866 лв.	909 лв.	885 лв.	934 лв.	-	1,116 лв.	1,156 лв.	1,192 лв.
D	774 лв.	-	821 лв.	-	934 лв.	-	952 лв.	-	-	-	-	-
DS	694 лв.		747 лв.		861 лв.		872 лв.	-		-	-	-
DT	838 лв.	1	895 лв.	-	1,001 лв.	-	1,026 лв.	-	-	-	-	-
P	517 лв.	561 лв.	582 лв.	619 лв.	627 лв.	677 лв.	646 лв.	688 лв.	830 лв.	878 лв.	894 лв.	944 лв.

Version	is unit
AS	Vertical free-standing with fixed grille and without on-board control
ACT	Vertical free-standing with fixed grille and with electronic controller
AF	Vertical free-standing with Front intake louver and without switch
U	Universal installation with Adjustable grille and without on-board control
UF	Universal installation with Adjustable grille, Front intake louver and without on-board control
D	Dualjet vertical free-standung with installed controller on-board
DT	Dualjet vertical free-standung with installed controller T-Touch
P	Concealed for Vertical or Horizontal installation without cabinet (wall/ceiling)

UNIT with m	ain and supp	olementary	/ coil (4 pip	es)							
FCZI	201	202	301	302	401	402	501	502	701	702	901
AS	640 лв.	702 лв.	717 лв.	784 лв.	787 лв.	871 лв.	803 лв.	885 лв.	1,010 лв.	1,120 лв.	1,088 лв.
ACT	741 лв.	803 лв.	818 лв.	885 лв.	888 лв.	971 лв.	904 лв.	986 лв.	1,117 лв.	1,209 лв.	1,194 лв.
U	710 лв.	772 лв.	806 лв.	873 лв.	901 лв.	983 лв.	925 лв.	1,008 лв.	1,156 лв.	1,246 лв.	1,244 лв.
Р	579 лв.	641 лв.	646 лв.	714 лв.	708 лв.	791 лв.	768 лв.	806 лв.	918 лв.	1,010 лв.	997 лв.
D	-	-	-		-	-	-	-	-	-	-
DT	-	-	-	-	-	-	-	-	-	-	-





























- Very quiet
- Touch controller mounted on-board. allows remote control with smart devices

# Fan coil for universal and floor installation

Cooling capacity 0,65 ÷ 7,62 kW Heating capacity 1,45 ÷ 17,02 kW





#### **DESCRIPTION**

fan coil can be installed in any 2/4 pipe system and operates with any heat generator even at low temperatures, and thanks to varied versions and settings, it is easy to pick the ideal solution for any need.

#### **FEATURES**

#### Case

Protective metal cabinet with anti-corrosion polyester RAL 9003 paint, whereas the head with the air distribution grille is in RAL 7047 plastic.

Depending on the version, the distribution grille may be adjustable.

#### **Ventilation group**

Centrifugal fans in anti-static plastic material with aerofoil profile designed to achieve high airflows and pressures whilst at the same time producing low noise.

Their characteristics permit energy savings compared to conventional fans. They are statically and dynamically balanced and directly coupled to the motor shaft.

The Brushless electric motor with 0-100% continuous speed variation, which allows precise adaptation to the real demands of the internal environment without temperature fluctuations.

The air flow can be continuously changed through a 1-10 V signal, coming from adjustment and control commands Aermec or from independent adjustment systems.

This lowers noise and generates a better response to heat loads and a higher stability in the desired temperature inside the room.

The high efficiency even with low speed, makes it possible to reduce power consumption (more than 50% less than fan coils with traditional motors). The plastic augers are extractable for easy and efficient cleaning.

#### Finned pack heat exchanger

With copper pipes and aluminium louvers, the standard or oversized heat exchanger and the possible secondary heat exchanger have 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.

Reversibility of the water connections during installation only for units with a standard or boosted main heat exchanger, or standard with BV accessory. Not reversible in all other configurations. In any case, units with the coil water connections on the right are available at the time of ordering.

#### **Condensate drip**

Provided standard in plastic and fixed to the interior structure; with external condensate discharge.

#### Air filter

Air filter class Coarse 25% for all versions easy to pull out and clean.

#### Versions

**ACT** High, with air distribution grille and electronic thermostat

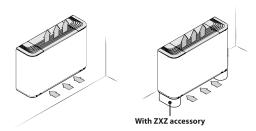
**AF** High, without built-in command but with front intake

**AS** Free standing without installed switch

 ${f U}$  Universal, with adjustable air distribution grille but without built-in thermostat

**UF** Universal, with adjustable air distribution grille but without built-in thermostat and with front intake grille

# Versions with fixed grille (high cabinet)



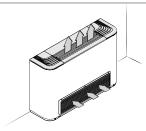
#### FCZI\_AS

- Compatibility with VMF system.
- Without installed switch

# FCZI ACT

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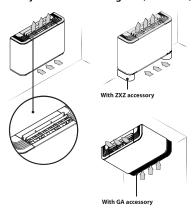
— With electronic thermostat for 2-pipe systems only.



#### FCZI\_AF

- Without installed switchCompatibility with VMF system.
- Front intake grille.

# Versions with adjustable and fixed grille (universal)



# FCZI\_U

- Compatibility with VMF system.
- Without installed switch
- Distribution grille with adjustable fins. Sizes 2 and 3 have a single grille, whereas sizes 4, 5, 7 and 9 have three grilles fully independent of each other. When all the louvers have closed, the unit switches off.
- Vertical and horizontal installation for 2-pipe and 4-pipe systems.

#### FCZI\_UF

- Compatibility with VMF system.
- Without installed switch
- Air delivery grille with adjustable louvers.— Vertical and horizontal installation.

# GUIDE TO SELECTING THE POSSIBLE CONFIGURATIONS

Field	Description
1,2,3,4	FCZI
5	<b>Size</b> 2, 3, 4, 5, 7, 9
6	main heat exchanger
0	Standard
5	Oversized
7	Secondary heat exchanger
0	Without coil
1	Standard
2	Oversized
8,9,10	Version
	Only vertical installation.
ACT	High, with air distribution grille and electronic thermostat
AF	High, without built-in command but with front intake
AS	Free standing without installed switch
	Vertical and horizontal installation.
U	Universal, with adjustable air distribution grille but without built-in thermostat
	Universal, with adjustable air distribution grille but without built-in thermostat and
	with front intake grille
UF	Universal, with adjustable air distribution grille but without built-in thermostat and with front intake grille

SIZE AVAILABLE	FOR VERS	ION											
Size		200	201	202	250	300	301	302	350	400	401	402	450
Versions produced (by size)													
Vausiana availahla (hv. sina)	AS,ACT,U	•	•	•	•	•	•	•	•	•	•	•	•
Versions available (by size)	AF,UF	•	-	-	•	•	-	-	•	•	-	-	•
		500	501	502	550	700	701	702	750	900	901	950	
Versions produced (by size)													
Varrians available (by size)	A,AS,U,UA	•	•	•	•	•		•	•	•	•	•	
Versions available (by size)	AF.UF		-	-		_	_	-	-		_		

#### **ACCESSORIES**

#### Control panels

**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. **PR0503:** Wall box for AER503IR and VMF-E4 thermostats.

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

**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-I:** Touch control on board the machine, for controlling fan coils with brushless motors. In 2-pipe systems, it can control standard fan coils or those equipped with an electric heater, with air purifying devices or with FCZI-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 (Dualiet).

**TXBI:** On board thermostat for fan coils 2/4 pipes of the FCZI series with brushless motor, complete with water probe and air probe to be positioned in the dedicated housings. The thermostat in 2-pipe systems it can control standard fan coils or those equipped with electrical resistors, with purification devices (Cold Plasma and germicidal lamp) with the radiating plate or with double flow FCZI-D (Dualjet).

#### **AerSuite**

The AerSuite application is used to remotely control the DI24 user interface, with VMF-E19/VMF-E19I thermostats, using Smart Devices with iOS and Android operating systems.

This is an application for Smartphones and Tablets with which the user can access and control the system operation remotely.

For more information about the use of the application and the available functions, refer to the respective documentation on the website.



# **VMF** system

**D124:** Flush-mounted interface (503 box) with 2.4" touch screen display to be combined with VMF-E19, VMF-E19I accessories. It allows you to regulate and monitor the temperature inside rooms precisely and on time; in addition to accessing and interacting with your system's operating information, parameters and alarms, it allows you to set time slots. Thanks to its Wi-Fi connection, D124 in combination with the AerSuite APP (available for Android and iOS) can also be remotely controlled. All programming and most functions are done in a simple and intuitive way using the APP. It is supplied with a graphite grey plate; however, to allow the interface to be customised so that it fits in perfectly with the style of any home, D124 is compatible with plates of the major brands available on the market, for more information please refer to our documentation.

VMF-E19I: Thermostat to be secured to the side of the fan coil, fitted as standard with an air probe and a water probe, it controls systems with 2 pipes, 4 pipes, 2 pipes + Cold Plasma, 2 pipes + UV lamps, 2 pipes + Heating element. Equipped with an external contact to be used as a remote ON-OFF at low voltage. By means of 2-wire serial communication, this thermostat allows for the creation of a single fan coil area (1 master + maximum 5 slaves). Compared to the previous model, thanks to a different dip switch

configuration, it allows implementing new features:In systems with two pipes and a heating element - the latter can be activated as a complete replacement - allowing you to warm the environment exclusively with this accessory - Dualjet features are available in standard software and can be set via dip switch - Economy contact/presence sensor - Additional water sensor for overall control in 4-pipe systems (with VMF-SW1 accessory) - Serial RS485, ModBus RTU protocol, for centralised control - Possibility of inserting expansion boards for future developments. The VMF-E19 accessory must be therefore used in masters in the presence of multiple zones, or for communication with the chiller/heat pump - Compatibility with the VMF-IO accessory - Compatibility with VMF-LON expansion board. The thermostat is protected by a fuse.

**VMF-E22:** User interface on the fan coil, with two selectors, one for temperature and the other for speed control; to be combined with accessories VMF-E19 and VMF-E19I.

VMF-E3: Wall mounted user interface, to be combined with accessories VMF-E19, VMF-E19I, with grids GLF\_N/M and GLL\_N, can be controlled with VME-IR control

VMF-E4X: A wall-mounted user interface to be combined with VMF-E19, VMF-E19I, VMF-E24 ed VMF-E24I accessories. Featuring an innovative, extremely slim and cost-effective design, it allows running functions via a capacitive touchscreen keyboard with LCD display. You can choose to adjust the environment temperature with a panel-mounted sensor probe (standard), or with the VMF-E19/E19I probe, or through mediated reading. It also enables the activation of an air purifier (Cold Plasma/ UV lamp) and a heating element. Light grey front panel PANTONE COOL GRAY 1C.

**VMF-IO:** Manage the unit exclusively from a centralized VMF control panel without area control panel.

**VMF-IR:** User interface compatible with the AER503IR, VMF-E3 thermostat and with all the grids of cassettes equipped with the infrared receiver compatible with the VMF system.

**VMF-LON:** Expansion allowing the thermostat to interface with BMS systems that use the LON protocol.

**VMF-SW:** Water probe (L=2.5m) used if required in place of the standard unit supplied with the VMF-E19 and VMF-E19I thermostats for mounting it upstream of the valve.

 $\overline{\text{VMF-SW1:}}$  Additional water probe (L = 2.5m) to be used if required for 4-pipe systems with the VMF-E19 and VMF-E19I thermostats for maximum control in the cold range

**VMHI:** The VMHI panel can be used as a user interface for VMF-E19/E19I thermostats, GLFxN/M or GLLxN grids, or as an interface for the MZC system. What determines the function to be performed by the user interface is determined by its correct parametrisation and by following the electrical connections between interface and thermostat or interface and plenum.

#### **Water valves**

**VCZ\_X:** 3-way valve kit for single-coil fan coil, RH connections, (VCZ\_X4R) or LH (VCZ\_X4L) for 4-pipe systems. With totally separate "heating" and "cooling" circuits. This kit consists of two 3-way insulated valves and four connections, complete with electrothermal actuators, insulating shells for the valves, and the relative hydraulic couplings. X4L version for fan coils with LH connections, and X4R for fan coils with RH connections. 230V~50Hz power supply.

**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.

VCF44 - 45 - for secondary heat exchanger: The 3-way motorised valve kit for the secondary coil heat only. The kit consists of a valve with its insulating shell, actuator and relevant water fittings; it is suitable to be installed on the fan coils with right and left water connections.

**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.

**VJP:** Control and balancing combination valve for 2 and 4 pipe systems to install outside the unit, supplied without fittings and hydraulic components. The valve, which can guarantee a constant water flow rate in the terminal, within its operating range.

#### **Additional coil**

BV: Hot water heat exchanger with 1 row.

# **Installation accessories**

**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.

**DSCZ4:** 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. AMP: Wall mounting kit

**ZXZ:** Pair of stylish and structural feet.

# **ACCESSORIES COMPATIBILITY**

# **Control panels**

	Ver	200	201	202	250	300	301	302	350	400	401	402	450
AER503IR (1)	AF,UF	•			•	•				•	•		•
ALNOUSIN (1)	AS,U	•	•	•	•	•	•	•	•	•	•	•	•
PR0503	AF,UF	•			•	•			•	•			•
FINOSOS	AS,U	•	•	•	•	•	•	•	•	•	•	•	•
SA5 (2)	AF,UF	•			•	•			•	•			•
3K3 (2)	AS,U	•	•	•	•	•	•	•	•	•	•	•	•
SW3 (2)	AF,UF	•			•	•			•				•
3W3 (Z)	AS,U	•	•	•	•	•		•	•		•	•	•
SW5 (2)	AF,UF	•				•			•	•			•
SWS (Z)	AS,U	•	•	•		•	•	•	•	•	•	•	•
T-TOUCH-I	AF,UF												
1-100Cf1-1	AS,U			•				•					
TV (2)	AF,UF	•			•	•			•				
TX (3)	AS,U	•	•	•	•	•	•	•	•	•		•	
TVDI /4\	AF,UF	•			•	•			•	•			
TXBI (4)	AS,U	•	•	•	•						•		
Model	Ver	500	F01	502									
mouci	ver	200	501	502	550	700	701		702	750	900	901	950
	AF,UF	•	301	502	550	700	701		702	750	900	901	950
				. 502		700	701		702	750		901	
AER503IR (1)	AF,UF	•			•						•		•
AER503IR (1)	AF,UF AS,U AF,UF	•			•					•	•		•
AER503IR (1) PR0503	AF,UF AS,U AF,UF AS,U	•	•	•	•	•	•		•	•	•	•	•
AER503IR (1)	AF,UF AS,U AF,UF	•	•	•	•	•	•		•	•	•	•	•
AER503IR (1) PR0503 SA5 (2)	AF,UF AS,U AF,UF AS,U AF,UF AS,U	•	•		•	•	•		•	•		•	•
AER503IR (1) PR0503	AF,UF AS,U AF,UF AS,U AF,UF AS,U AF,UF AS,U AF,UF		•		•	•	•		•	•	•	•	
AERSO3IR (1) PR0503 SA5 (2) SW3 (2)	AF,UF AS,U AF,UF AS,U AF,UF AS,U AF,UF AS,U AF,UF AS,U			•		•							
AERSO3IR (1) PR0503 SA5 (2) SW3 (2)	AF,UF AS,U AF,UF AS,U AF,UF AS,U AF,UF AS,U AF,UF AS,U AF,UF			•		•							
AERSO3IR (1) PR0503 SA5 (2) SW3 (2) SW5 (2)	AF,UF AS,U AF,UF AS,U AF,UF AS,U AF,UF AS,U AF,UF AS,U												
AERSO3IR (1) PR0503 SA5 (2) SW3 (2) SW5 (2)	AF,UF AS,U AF,UF AS,U AF,UF AS,U AF,UF AS,U AF,UF AS,U AF,UF AS,U AF,UF												
AERSO3IR (1) PR0503 SA5 (2) SW3 (2) SW5 (2) T-TOUCH-I	AF,UF AS,U AF,UF AS,U AF,UF AS,U AF,UF AS,U AF,UF AS,U AF,UF AS,U AF,UF												
AERSO3IR (1) PR0503 SA5 (2) SW3 (2) SW5 (2)	AF,UF AS,U AF,UF AS,U AF,UF AS,U AF,UF AS,U AF,UF AS,U AF,UF AS,U AF,UF												
AERSO3IR (1) PR0503 SA5 (2) SW3 (2) SW5 (2) T-TOUCH-I	AF,UF AS,U AF,UF												

#### For more information about VMF system, refer to the dedicated documentation.

Model	Ver	200	201	202	250	300	301	302	350	400	401	402	450
DIDA	AF,UF	•			•	•			•	•			•
DI24	AS,U	•	•	•	•	•	•	•	•	•	•	•	•
VMF-E19I (1)	AF,UF	•			•	•			•	•			•
VIVIF-E191 (1)	AS,U		•	•	•	•	•	•	•	•	•	•	
VMF-E2Z	AF,UF	•			•	•			•	•			
VIVIT-EZZ	AS,U		•	•	•	•	•	•	•	•	•	•	•
VMF-E3	AF,UF				•	•			•	•			•
VIVIF-LD	AS,U		•			•	•	•	•	•	•		•
VMF-E4X	AF,UF	•			•	•			•	•			•
VIVIF-E4A	AS,U	•		•	•	•	•	•	•	•	•	•	•
VMF-IO	AF,UF				•	•				•			•
VIVIF-IU	AS,U			•	•	•	•	•	•	•	•	•	•
VMF-IR	AF,UF				•	•				•			•
VIVIT-IN	AS,U			•	•	•	•	•	•	•	•	•	•
VMF-LON	AF,UF				•	•			•	•			•
VIVIF-LUIV	AS,U	•	•	•	•	•	•	•	•	•	•	•	•
VMF-SW	AF,UF	•			•	•			•	•			•
VVC-JIVIV	AS,U	•	•	•	•	•	•	•	•	•	•	•	•
VME CW1	AF,UF	•			•	•			•	•			•
VMF-SW1	AS,U	•	•				•	•	•		•		•

<sup>(1)</sup> Wall-mount installation.
(2) Probe for AER503IR-TX thermostats, if fitted.
(3) 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.
(4) Installation on the fan coil.

**VMF** system

Model	Ver	200	201	202	250	300	301	302	350	400	401	402	450
VMHI	AF,UF	•			•	•			•	•			•
VIVINI	AS,U	•	•	•		•		•		•	•	•	•
Model	Ver	500	501	502	550	700	70	1	702	750	900	901	950
DI24	AF,UF	•			•	•				•	•		•
DIZ4	AS,U		•			•			•				•
VMF-E19I (1)	AF,UF												•
VIVIT-LIFI (I)	AS,U	•	•	•	•	•			•	•	•	•	•
VMF-E2Z	AF,UF	•			•						•		•
VIVIT-LZZ	AS,U	•	•	•	•	•			•	•	•	•	•
VMF-E3	AF,UF	•			•	•				•	•		•
AIAIL-F2	AS,U	•	•	•	•	•			•	•	•	•	•
VMF-E4X	AF,UF	•			•						•		•
VIVII -L+A	AS,U	•	•	•	•	•			•		•		•
VMF-IO	AF,UF	•			•						•		•
VIVIT-IU	AS,U	•							•			•	
VMF-IR	AF,UF	•											•
VIVIT-IN	AS,U	•	•		•				•			•	•
VMF-LON	AF,UF	•											•
VIVIT-LOIN	AS,U	•	•	•	•	•			•	•	•	•	•
VMF-SW	AF,UF	•			•						•		•
WC-JINIA	AS,U	•	•	•	•	•	•		•	•	•	•	•
VMF-SW1	AF,UF	•			•						•		•
I WC- IIVIV	AS,U	•	•	•	•	•			•	•	•	•	•
VMHI	AF,UF	•			•						•		•
VIVINI	AS,U	•		•	•	•	•		•	•		•	•

(1) Mandatory accessory.

# **Water valves**

# 3 way valve kit

	200	201	202	250	300	301	302	350	400	401	402	450
Main coil	VCZ41	VCZ41	VCZ41	VCZ41	VCZ42							
Main Coil	VCZ4124	VCZ4124	VCZ4124	VCZ4124	VCZ4224							
Secondary coil		VCF44	VCF44			VCF44	VCF44			VCF44	VCF44	
Secondary con	-	VCF4424	VCF4424		-	VCF4424	VCF4424	-	-	VCF4424	VCF4424	-
Additional coil "BV"	VCF44				VCF44				VCF44			
Additional Coll DV	VCF4424		-		VCF4424		-		VCF4424		-	
	500	501	502	550	700	701	702	750	900	901	950	
Mata and	VCZ42	VCZ43	VCZ43	VCZ43								
Main coil	VCZ4224	VCZ4324	VCZ4324	VCZ4324								
Cd		VCF44	VCF44			VCF44	VCF44			VCF45		
Secondary coil	-	VCF4424	VCF4424	-	-	VCF4424	VCF4424	-	-	VCF4524	-	
Additional coil "BV"	VCF44				VCF44				VCF45			
Additional Coll "BV"	VCF4424	-	-	-	VCF4424	-	-	-	VCF4524	-	-	

VCZ41 - 42 - 43; VCF44 - 45 (230V~50Hz) VCZ4124 - 4224 - 4324; VCF4224 - 4524 (24V)

# 2 way valve kit

	200	201	202	250	300	301	302	350	400	401	402	450
Main coil	VCZD1	VCZD1	VCZD1	VCZD1	VCZD2							
Main coll	VCZD124	VCZD124	VCZD124	VCZD124	VCZD224							
Secondary coil		VCFD4	VCFD4			VCFD4	VCFD4			VCFD4	VCFD4	
Secondary con	-	VCFD424	VCFD424		-	VCFD424	VCFD424	-	-	VCFD424	VCFD424	-
Additional coil "BV"	VCFD4				VCFD4				VCFD4			
Additional coll DV	VCFD424	-	-	-	VCFD424	-	-	-	VCFD424	-	-	-
	500	501	502	550	700	701	702	750	900	901	950	
Main coil	VCZD2	VCZD3	VCZD3	VCZD3								
Main coil	VCZD224	VCZD324	VCZD324	VCZD324								
Cocondomicall		VCFD4	VCFD4			VCFD4	VCFD4			VCFD4		
Secondary coil	-	VCFD424	VCFD424	-	-	VCFD424	VCFD424	-	-	VCFD424	-	
Additional coil "BV"	VCFD4				VCFD4				VCFD4			
Additional coll by	VCFD424				VCFD424				VCFD424			

VCZD1 - 2 - 3; VCFD4 (230V~50Hz) VCZD124 - 224 - 324; VCFD424 (24V)

# Valve Kit for 4 pipe systems

Model	Ver	200	201	202	250	300	301	302	350	400	401	402	450
VCZ1X4L (1)	AF,AS,U,UF	•			•								
VCZ1X4R (1)	AF,AS,U,UF	•			•								
VCZ2X4L (1)	AF,AS,U,UF					•			•	•			•
VCZ2X4R (1)	AF,AS,U,UF												•

Model	Ver	500	501	502	550	700	701	702	750	900	901	950
VCZ2X4L (1)	AF,UF	•			•							
VCZZX4L (1)	AS,U					•			•			
VCZ2X4R (1) —	AF,UF				•							
VCZZX4K (1)	AS,U				•	•			•			
VCZ3X4L (1)	AF,AS,U,UF									•		•
VCZ3X4R (1)	AF,AS,U,UF									•		•

<sup>(1)</sup> The valves can be combined with the units if there is a control panel for managing them.

# **Combined Adjustment and Balancing Valve Kit**

Model	Ver	200	201	202	250	300	301	302	350	400	401	402	450
VID000 (1)	ACT,AS,U	•	•	•	•	•	•	•	•				
VJP060 (1)	AF,UF	•			•	•			•				
VJP060M (2)	ACT,AS,U	•	•	•		•		•	•				
VJPU0UM (2)	AF,UF	•			•	•			•				
VID000 (1)	ACT,AS,U									•	•		•
VJP090 (1)	AF,UF									•			•
VIDOOM (2)	ACT,AS,U									•	•		•
VJP090M (2)	AF,UF									•			•
Model	Ver	500	501	502	550	700	70	01	702	750	900	901	950
	<b>Ver</b> ACT,AS,U	500	501	502	550	700	7(	01	702	750	900	901	950
Model VJP090 (1)						700	7(	01	702	750	900	901	950
VJP090 (1)	ACT,AS,U	•			•	700	70	01	702	750	900	901	950
	ACT,AS,U AF,UF	•	•	•	•	700	70	01	702	750	900	901	950
VJP090 (1) VJP090M (2)	ACT,AS,U AF,UF ACT,AS,U	•	•	•	•	700			702	750	900	901	950
VJP090 (1)	ACT,AS,U AF,UF ACT,AS,U AF,UF	•	•	•	•								
VJP090 (1) VJP090M (2)	ACT,AS,U AF,UF ACT,AS,U AF,UF ACT,AS,U	•	•	•	•								

<sup>(1) 230</sup>V~50Hz (2) 24V

# (Heating only) additional coil

(incuting only)	, additional con												
Model	Ver	200	201	202	250	300	301	302	350	400	401	402	450
BV122 (1)	ACT,AF,AS,U,UF												
BV132 (1)	ACT,AF,AS,U,UF					•							
BV142 (1)	ACT,AF,AS,U,UF												
Model	Ver	500	501	502	550	700	70	1	702	750	900	901	950
BV142 (1)	ACT,AF,AS,U,UF	•											
BV162 (1)	ACT,AF,AS,U,UF												

<sup>(1)</sup> Not available for sizes with oversized main coil.

# **Installation accessories**

Model	Ver	200	201	202	250	300	301	302	350	400	401	402	450
AMP20	U	•	•		•		•	•					
AMPZ	U	•	•	•	•	•			•	•	•		•
Model	Ver	500	501	502	550	700		701	702	750	900	901	950
AMP20	U	•		•									
AMPZ	U	•	•	•	•			•	•	•	•	•	•
Model	Ver	200	201	202	250	300	301	302	350	400	401	402	450
DCC74 (1)	ACT,AS,U	•	•		•			•		•	•		•
DSCZ4 (1)	AF,UF	•			•	•			•	•			•
Model	Ver	500	501	502	550	700		701	702	750	900	901	950
DCC74 (1)	ACT,AS,U		•			•							
DSCZ4 (1)	AF,UF												

<sup>(1)</sup> DSCZ4 due to space problems inside the unit, the VCZ1-2-3-4 X4L/R valves cannot be mounted together with the amp/AMPZ accessories, with all the condensate collection trays. With the VMF-E19/E19I thermostats, please contact the head office.

Model	Ver	200	201	202	250	300	301	302	350	400	401	402	450
DC74 (1)	ACT,AS,U	•	•	•		•	•	•		•	•	•	•
BCZ4 (1)	AF,UF									•			
DC7F (2)	ACT,AS,U	•	•					•		•		•	
BCZ5 (2)	AF,UF	•			•	•			•	•			•
Model	Ver	500	501	502	550	700	701		702	750	900	901	950
DC74 (1)	ACT,AS,U	•	•	•	•	•			•	•	•	•	•
BCZ4 (1)	AF,UF	•											•
DC75 (2)	ACT,AS,U	•											
BCZ5 (2)	AF,UF												
DC7( /2)	ACT,AS,U												•
BCZ6 (2)	AF,UF												

<sup>(1)</sup> For vertical installation.(2) For horizontal installation.

Model	Ver	200	201	202	250	300	301	302	350	400	401	402	450
PCZ200	ACT,AS,U	•	•	•	•								
(1200	AF,UF	•			•								
CZ300	ACT,AS,U					•							
(2300	AF,UF					•							
PCZ500	ACT,AS,U												
PCZ300	AF,UF									•			•
Model	Ver	500	501	502	550	700	70	1	702	750	900	901	950
CZ1000	ACT,AS,U										•	•	•
CZ 1000	AF,UF										•		•
CZ500	ACT,AS,U		•										
(12500	AF,UF												
CZ800	ACT,AS,U					•							
lodel	Ver	200	201	202	250	300	301	302	350	400	401	402	450
A200	AF,UF	•			•								
IAZUU	AS,U	•	•	•	•								
1,200	AF,UF					•							
A300	AS,U					•							
4500	AF,UF									•			•
A500	AS,U									•	•	•	
Nodel	Ver	500	501	502	550	700	70	1	702	750	900	901	950
4500	AF,UF												
A500	AS,U												
1000	AF,UF												
A800	AS,U					•			•		•	•	•
Nodel	Ver	200	201	202	250	300	301	302	350	400	401	402	450
IKIT200	AF,UF	•			•								
IN11200	AS,U	•											
IKIT300	AF,UF					•							
INITOUU	AS,U							•					
IVITCOO	AF,UF									•			•
IKIT500	AS,U									•	•	•	•
lodel	Ver	500	501	502	550	700	70	1	702	750	900	901	950
UUTEAA	AF,UF												
IKIT500	AS,U												
II/IT000	AF,UF												
IKIT800	AS,U					•			•		•	•	•
lodel	Ver	200	201	202	250	300	301	302	350	400	401	402	450
	ACT,AS,U	•	•	•	•	•	•	•	•	•	•	•	•
XZ	AF,UF	•											
Model	Ver	500	501	502	550	700	70	1	702	750	900	901	950
XZ	ACT,AS,U				•								

# **PERFORMANCE SPECIFICATIONS**

# **Technical data - 2-pipe systems (main coil)**

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2-pipe		FCZI	200	Т	FCZI250		FCZ13	00		FCZI35	in :		FCZI40	^		FCZI45	<u> </u>		FCZI50	^		FCZI55	<u> </u>
		1 2		1	2	3	1 2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
		L M		L	М	Н	L M	Н	L	М	Н	L	М	Н	L	M	Н	L	М	Н	L	М	Н
Heating performance 70 °C / 60 °C (1)																							
Heating capacity	kW	2,02 2,9	95 3,70	2,20	3,18	4,05	3,47 4,4	5 5,50	3,77	4,92	6,15	4,32	5,74	7,15	4,57	6,29	7,82	5,27	7,31	8,50	5,82	8,34	9,75
Water flow rate system side	l/h	177 25	8 324	193	278	355	304 39	482	330	431	539	379	503	627	400	551	685	462	641	745	510	731	855
Pressure drop system side	kPa	6 1	2 18	7	15	23	7 12	18	8	14	20	9	16	24	6	11	16	12	21	28	10	20	26
Heating performance 45 °C / 40 °C (2)																							
Heating capacity	kW	1,00 1,4		1,09	1,58	2,01	1,72 2,2		1,87	2,44		2,14	2,85	3,55	2,27	3,12	3,88	2,62	3,63	4,22	2,89	4,14	4,85
Water flow rate system side	I/h	174 25		190		350	299 385		325	425	531	373	495	617	394	543	675	455	631	734	502	720	842
Pressure drop system side	kPa	6 12	2 18	8	15	22	8 12	18	9	14	21	10	16	24	6	11	16	12	21	28	10	20	26
Cooling performance 7 °C / 12 °C																							
Cooling capacity	kW	0,89 1,2				1,94	1,68 2,1		1,89	2,46		2,20	2,92	3,60	2,41	3,21	4,03	2,68	3,69	4,25	2,91		4,79
Sensible cooling capacity	kW	0,71 1,0		-		1,52	1,26 1,6		_	1,76		-	2,14	2,67	_		2,90	1,94			2,07		3,49
Water flow rate system side	l/h	153 22		182		334	288 374		350	460	560	379	503	619	414	552	694	460	634	731	501	711	824
Pressure drop system side	kPa	6 12	2 18	8	17	25	8 13	18	11	18	25	10	17	24	9	15	22	13	23	29	12	22	28
Fan	,																						
Туре	type										Centri												
Fan motor	type			_		_			1	_	Inve	rter	_			_		_			Т		
Number	no.	140 22		140	1	200	200 250	AFO	200	2	450	220	2	(00	220	2	<b>COO</b>	400	2	720	400	2	720
Air flow rate	m³/h	140 22		140		290	260 350 5 7		260	350 7	450	330	460	600	330	460	600	400	600	720	400	600	720
Input power	W	5 8		5		14		13	5		13	5	10	18	5	10	18	7	18	34	-	18	38
Signal 0-10V Fan coil sound data (3)	- %	44 6	8 90	44	68	90	52 70	90	52	70	90	49	68	90	49	68	90	50	74	90	50	74	90
Sound power level	dB(A)	35,0 46	0 [10	35.0	46,0	51,0	34,0 41,	0 48,0	34,0	41,0	40.0	37,0	44.0	51,0	27.0	44,0	51,0	42.0	51,0	Γ. Ο	142.0	51,0	
	dB(A)	27,0 38	, , .	27,0	-,-	43,0	34,0 41, 26,0 33,		26,0			29.0		43,0			43,0	-			<u> </u>		
Sound pressure  Diametre hydraulic fittings	UD(A)	27,0 30	,0 43,0	27,0	30,0 -	43,0	20,0 33,	J <del>4</del> 0,0	20,0	33,0	40,0	29,0	30,0	43,0	29,0	30,0	43,0	34,0	43,0	40,0	34,0	43,0	40,0
Main heat exchanger	Ø	1/.	)"	Т	1/2"		3/4	"	1	3/4"		Ι	3/4"			3/4"		Т	3/4"		Т	3/4"	
Power supply	V	1/.			1/2		3/4			3/4			3/4			3/4			3/4				
Power supply											230V	~50Hz											
Tower suppry											2304	- 30112										_	_
			FC	71700				FCZ	1750					FCZ	900					FC/	1950		
		1		1	٦.		- 1		2		2		1		,		,		1		2		2
		1		2 M	3 H		1		2 M		3 ⊔				2			-	1		2 M		3 u
Heating performance 70 °C / 60 °C (1)		1 L		2 M	3 H		1 L		2 M		3 H	-	1 L		2 M	: 		-	1 L		2 M		3 H
Heating performance 70 °C / 60 °C (1)	LW.	Ĺ		М	Н	10	Ĺ		М		Н		Ĺ	N	И	ŀ	1		Ĺ		М	l	Н
Heating capacity	kW	8,10	Ģ	M 9,80	H 11,0	-	9,10	11	M 1,30	12	H 2,50	10	L ,77	13	,35	15,	,14	11	L 1,20	14	M 4,42	17	H 7,10
Heating capacity Water flow rate system side	l/h	8,10 710	Ģ	M 9,80 360	H 11,0 964	1	9,10 798	11	M 1,30	12	H 2,50 096	10	,77 45	13	,35 71	15, 13	.14 28	11	L 1,20	14	M 4,42 264	17 <sub>.</sub>	H 7,10 500
Heating capacity Water flow rate system side Pressure drop system side		8,10	Ģ	M 9,80	H 11,0	1	9,10	11	M 1,30	12	H 2,50	10	L ,77	13	,35	15,	.14 28	11	L 1,20	14	M 4,42	17 <sub>.</sub>	H 7,10
Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 40 °C (2)	I/h kPa	8,10 710 17	(	M 9,80 360 23	11,0 964 29	1	9,10 798 10	9	M 1,30 191 15	12	H 2,50 096 18	10	,77 45 2	13 11 1	,35 71 7	15, 13 2	14 28 2	11 9	L 1,20 82 16	14	M 4,42 264 25	17, 15	H 7,10 500 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	8,10 710 17	4	M 9,80 360 23	H 11,0 964 29 5,47	7	9,10 798 10	9	M 1,30 991 15	12 10 1	H 2,50 096 18	10 94	,77 45 2 35	13 11 1 1 6,	,35 71 7	15, 13 2	14 28 2	111 9	L 1,20 182 16	14 1: 7	M 4,42 264 25	17, 15 3	H 7,10 500 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	8,10 710 17 4,03 699	<u> </u>	M 9,80 360 23 1,87	H 11,0 964 29 5,47 950	7	9,10 798 10 4,50 786	111 9 	M 1,30 1991 115 ,60	12 10 1 6,	H 2,50 096 118 ,20 079	10 94 1 5,	,77 45 12 35	13, 11 1 6,	,35 71 7 64	15, 13 2 7,	14 28 2 53 07	111 9 5,	1,20 82 16 ,57	14 11 7	M 4,42 264 25 7,17 245	17, 15 3 8,	H 500 33 50 476
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	8,10 710 17	<u> </u>	M 9,80 360 23	H 11,0 964 29 5,47	7	9,10 798 10	111 9 	M 1,30 991 15	12 10 1 6,	H 2,50 096 18	10 94 1 5,	,77 45 2 35	13 11 1 1 6,	,35 71 7 64	15, 13 2	14 28 2 53 07	111 9 5,	L 1,20 182 16	14 11 7	M 4,42 264 25	17, 15 3 8,	H 7,10 500 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	8,10 710 17 4,03 699	4	M 9,80 360 23 1,87	H 11,0 964 29 5,47 950	7	9,10 798 10 4,50 786	5 9	M 1,30 1991 115 ,60	12 10 1 6,	H 2,50 096 118 ,20 079	100 94 1 5, 92	,77 45 12 35	13 11 1 6, 11	,35 71 7 64	15, 13 2 7,	1 28 2 2 53 07 2	5,	1,20 82 16 ,57	7 1	M 4,42 264 25 7,17 245	17, 15 3 8, 14	H 500 33 50 476
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	8,10 710 17 4,03 699 17	2	M 0,80 360 23 4,87 346 24	H 11,0 964 29 5,47 950 29	7 )	9,10 798 10 4,50 786	55 9	M 1,30 991 115 ,60 975	12 10 1 6, 10 1	H 2,50 096 118 ,20 079 118	10 94 1 5, 93 1	,77 45 12 35 30	13, 111 1 6, 111 1	,35 71 7 64 52	15, 13 2 7, 13 2	1 ,14 28 2 53 07 2	5, 9	1,20 82 16 ,57 67	77 77 77	M 4,42 264 225 7,17 245 24	17. 15. 33. 8, 144. 3	H 500 500 500 500 500 500 500 500 500 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 Pressure drop system side Cooling performance 7 °C/ 12 °C Cooling capacity Sensible cooling capacity	l/h kPa kW l/h kPa	8,10 710 17 4,03 699 17 3,92 2,99	4	M 9,80 360 23 4,87 346 24	H 11,0 964 29 5,47 950 29 5,50	7 ) 0 0 0 0 0	9,10 798 10 4,50 786 10 4,27 3,20	55 9 55 9	M 1,30 991 15 ,60 975 15 ,34 ,05	12 10 1 6, 10 1 6,	H 2,50 096 18 ,20 079 18 ,14 ,72	10 94 1 5, 93 1	35 30 22 29 97	13 11 1 6, 11 1 5,	,35 71 7 64 52 7	15, 133 2 7,, 13 2 6,,	1 1,14 228 22 25 353 007 22 91	55, 9	1,20 182 16 ,57 67 15	14 1. 1. 7 7 1. 1. 7 4	M 4,42 264 225 7,17 245 224 7,32 7,87	17. 15 3 8, 14 3 8,	H 7,10 500 33 50 176 33 60 7,78
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	I/h kPa kW I/h kPa kW kW	8,10 710 17 4,03 699 17	2	M 0,80 360 23 1,87 346 24	H 11,0 964 29 5,47 950 29 5,50 4,30	7 0 0 0 5	9,10 798 10 4,50 786 10	55 99 54 99	M 1,30 1,30 1,30 1,30 1,30 1,30 1,30 1,30	122 100 11 100 1	H 2,50 096 118 ,20 079 118 ,14	100 94 1 1 55, 99 1 1 1 44, 4, 2, 7.	1,77 45 12 35 30 12	13 11 1 1 1 1 1 1 1 5,	,35 71 7 64 52 7	15, 13 2 7, 13 2	H H 1,14 228 22 25 53 07 22 2 2 91 668 889	55, 99	1,20 82 16 ,57 67 15	77 77 74 44	M 4,42 264 25 7,17 245 24	17, 15, 3 8, 14 3 8, 5,	H 7,10 500 33 50 176 33 50 60 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 Cooling capacity Sensible cooling capacity Water flow rate system side Pressure drop system side	I/h kPa kW I/h kPa kW I/h kPa	8,10 710 17 4,03 699 17 3,92 2,99 675	2	M 9,80 360 23 1,87 346 24 1,89 3,76	H 11,0 964 29 5,47 950 29 5,50 4,30 946	7 0 0 0 5	9,10 798 10 4,50 786 10 4,27 3,20 734	55 99 54 99	M 1,30 1991 15 15 15 15 15 15 15 18 18 18 18 18 18 18 18 18 18 18 18 18	122 100 11 100 1	H 2,50 096 18 ,20 079 18 ,14 ,72 056	100 94 1 1 55, 99 1 1 1 44, 4, 2, 7.	7,77 445 12 23 335 330 22 29 97	13 11 1 1 1 1 1 1 1 5,	77 77 77 77 77 77 77 77 77 77 77 77	15, 13 2 7, 13 2 6, 5,	H H 1,14 228 22 25 53 07 22 2 2 91 668 889	55, 99	1,20 182 16 ,57 167 115	77 77 74 44	M 4,42 264 25 7,17 245 24 7,32 87 259	17, 15, 3 8, 14 3 8, 5,	H 7,10 500 333 550 476 33 600 78 479
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	8,10 710 17 4,03 699 17 3,92 2,99 675	2	M 9,80 360 23 1,87 346 24 1,89 3,76	H 11,0 964 29 5,47 950 29 5,50 4,30 946	7 0 0 0 5	9,10 798 10 4,50 786 10 4,27 3,20 734	55 99 54 99	M 1,30 1991 15 15 15 15 15 15 15 18 18 18 18 18 18 18 18 18 18 18 18 18	122 100 11 100 1	H  2,50  096  18  7,20  7,79  18  7,14  7,72  056  19	100 94 1 1 55, 99 1 1 1 44, 4, 2, 7.	7,77 445 12 23 335 330 22 29 97	13 11 1 1 1 1 1 1 1 5,	77 77 77 77 77 77 77 77 77 77 77 77	15, 13 2 7, 13 2 6, 5,	H H 1,14 228 22 25 53 07 22 2 2 91 668 889	55, 99	1,20 182 16 ,57 167 115	77 77 74 44	M 4,42 264 25 7,17 245 24 7,32 87 259	17, 15, 3 8, 14 3 8, 5,	H 7,10 500 333 550 476 33 600 78 479
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	I/h kPa kW I/h kPa kW kW L/h kPa	8,10 710 17 4,03 699 17 3,92 2,99 675	2	M 9,80 360 23 1,87 346 24 1,89 3,76	H 11,0 964 29 5,47 950 29 5,50 4,30 946	7 0 0 0 5	9,10 798 10 4,50 786 10 4,27 3,20 734	55 99 54 99	M 1,30 1991 15 15 15 15 15 15 15 18 18 18 18 18 18 18 18 18 18 18 18 18	122 100 11 100 1	H H H H H H H H H H H H H H H H H H H	100 94 1 1 1 5, 9, 9 1 1 1 4, 2, 7 1 1 1	7,77 445 12 23 335 330 22 29 97	13 11 1 1 1 1 1 1 1 5,	77 77 77 77 77 77 77 77 77 77 77 77	15, 13 2 7, 13 2 6, 5,	H H 1,14 228 22 25 53 07 22 2 2 91 668 889	55, 99	1,20 182 16 ,57 167 115	77 77 74 44	M 4,42 264 25 7,17 245 24 7,32 87 259	17, 15, 3 8, 14 3 8, 5,	H 7,10 500 333 550 476 33 600 78 479
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	I/h kPa kW I/h kPa kW kW kW I/h kPa type	8,10 710 17 4,03 699 17 3,92 2,99 675	2	M 9,80 360 23 1,87 346 24 1,89 3,76	H 11,0 964 29 5,47 950 29 5,50 4,30 946	7 0 0 0 5	9,10 798 10 4,50 786 10 4,27 3,20 734	55 99 55 44 99	M 1,30 1991 15 15 15 15 15 15 15 18 18 18 18 18 18 18 18 18 18 18 18 18	122 100 11 100 1	H H H H H H H H H H H H H H H H H H H	100 9,4 1 5,5,99: 1 1 4,4,7 7.7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	7,77 445 12 23 335 330 22 29 97	133 111 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	77 77 77 77 77 77 77 77 77 77 77 77	15, 13 2 7, 13 2 6, 5,	H H 1,14 228 22 25 53 07 22 2 2 91 668 889	55, 99	1,20 182 16 ,57 167 115	14 1. 7 1.  7 4 4	M 4,42 264 25 7,17 245 24 7,32 87 259	17, 15, 3 8, 14 3 8, 5,	H 7,10 500 333 550 476 33 600 78 479
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	kW I/h kPa kW kW I/h kPa type type	8,10 710 17 4,03 699 17 3,92 2,99 675		M M M M M M M M M M M M M M M M M M M	H 11,0 964 29 5,47 950 29 5,50 4,30 946	770000000000000000000000000000000000000	9,10 798 10 4,50 786 10 4,27 3,20 734	55 99 	M 1,30 191 115 60 60 1775 115 115 115 115 115 115 115 115 11	122 100 11 10 10 10 10 10 10 10 10 10 10 10	H H H H H H H H H H H H H H H H H H H	100 94 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	7,77 445 12 23 335 330 22 29 97	133 111 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	77 77 77 77 77 77 77 77 77 78 660 33	15, 13, 13, 13, 13, 13, 13, 13, 13, 13, 13	H H 1,14 228 22 25 53 07 22 2 2 91 668 889	5.5.3.3.99	1,20 182 16 ,57 167 115	77 1	M 44,42 264 225 7,17 2245 224 7,32 7,87 2259 223	17/ 15/ 3 3 8, 144 3 8, 5, 144 3 3	H 5000 5000 5500 550 550 550 550 550 550
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 Sensible cooling capacity Sensible roll wrate system side Pressure drop system side Fan Type Fan motor Number	kW I/h kPa kW kW I/h kPa type type no.	8,10 710 17 4,03 699 17 3,92 2,99 675 17		M M 9,80 9,80 9,80 9,860 23 8,87 8,846 224 9,89 9,776 8,841 225	H 11,0,964 29 5,47 950 29 5,55 4,33 30	770000000000000000000000000000000000000	9,10 798 10 4,50 786 10 4,27 3,20 734 10	111 99 55 99 	M 1,30 1,30 1,30 1,30 1,30 1,30 1,50 1,50 1,50 1,50 1,50 1,50 1,50 1,5	122 100 11 10 10 10 10 10 10 10 10 10 10 10	H H H H H H H H H H H H H H H H H H H	100 9.4 1 5.5, 9.5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	7,777 445 22 335 336 330 22 22 997 338 800	13 13 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	77 77 77 77 77 77 77 77 77 78 78 78 78 7	15, 13, 13, 13, 13, 13, 13, 13, 13, 13, 13	14 28 22 53 007 22 2 2 40	5,99	1,20 82 16 57 67 115 777 80 199 115	77 1	M 4,42 264 225 7,17 245 224 87 2259 223 3 3 3 3 3 3 3 3 3 3 3 4 4 0	17/ 15/ 3 8, 8, 144 3 8, 5, 14 3 3	HH
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 Fan Type Fan motor Number Air flow rate	kW I/h kPa  kW I/h kPa  kW I/h kPa  type type no. m³/h	8,10 710 17 4,03 699 17 3,92 2,99 675 17		M M 9,80 9,80 9,80 9,80 9,80 9,80 9,80 9,80	H 11,0,964 29 5,47 950 29 5,5(3,4,3) 4,3(3,4,3) 946 30	770000000000000000000000000000000000000	9,10 798 10 4,50 786 10 4,27 3,20 734 10	55 55 55 55 55 55 55 55 55 55 55 55 55	M 1,30 1,30 1,30 1,30 1,30 1,30 1,50 1,50 1,50 1,50 1,50 1,50 1,50 1,5	122 100 11 11 11 11 11 11 11 11 11 11 11 11	H  2,50  096  18  ,20  077  18  18  Centre Investment	100 9.4 1 5.5, 9.5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	7,777 445 12 2 335 330 22 29 997 338 100	133 111 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	77 77 77 77 77 77 77 77 77 77 77 78 8 550 33	15, 13, 13, 13, 13, 13, 13, 13, 13, 13, 13	114	5, 99	1,20 82 16 ,57 667 115 777 ,777 ,80 1992 115	77 1	M M M 4,42 2264 225 7,17 2245 224 87 2259 33 233 3	177 155 3 8, 144 3 3 8, 5, 144 3 3	H H H H H H H H H H H H H H H H H H H
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 Fan Type Fan motor Number Air flow rate Input power	kW I/h kPa  kW I/h kPa  kW kW I/h kPa  kW kW I/h kPa  type type no. m³/h W	8,10 710 17 4,03 699 17 3,92 2,99 675 17		M M M M M M M M M M M M M M M M M M M	11,0,0 964 29 5,47 950 29 5,5(3) 4,3(3) 30	770000000000000000000000000000000000000	9,10 798 10 4,50 786 10 4,27 3,20 734 10	55 55 55 55 55 55 55 55 55 55 55 55 55	M 1,30 1,30 1,30 1,50 1,50 1,50 1,50 1,50 1,50 1,50 1,5	122 100 11 11 11 11 11 11 11 11 11 11 11 11	H 2,50 296 118 20079 118 20079 118 20079 118 20079 119 20079 114 20079 20070 20079 20079 20079 20079 20070 20070 20070 20070 20070 20070 20070 20070 20070 2	100 9.4 1 5.5, 9.5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	7,777 445 22 335 336 330 22 22 997 338 800	133 111 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	77 77 77 77 77 77 77 77 77 77 77 77 77	15, 13, 22, 7, 13, 22, 6, 5, 111, 22,	114	5, 99	1,20 1,20 1,882 116 16 7,57 115 177 1880 1992 115	77 1	M 4,42 264 225 7,17 245 224 87 2259 223 3 3 3 3 3 3 3 3 3 3 3 4 4 0	177 155 3 8, 144 3 3 8, 5, 144 3 3	H H H H H H H H H H H H H H H H H H H
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 Fan Type Fan motor Number Air flow rate Input power Signal 0-10V	kW I/h kPa  kW I/h kPa  kW kW I/h kPa  kW kW I/h kPa  type type no. m³/h W	8,10 710 17 4,03 699 17 3,92 2,99 675 17		M M M M M M M M M M M M M M M M M M M	11,0,0 964 29 5,47 950 29 5,5(3) 4,3(3) 30	770000000000000000000000000000000000000	9,10 798 10 4,50 786 10 4,27 3,20 734 10	55 99 99 99 99 99 99 99 99 99 99 99 99 9	M 1,30 1,30 1,30 1,50 1,50 1,50 1,50 1,50 1,50 1,50 1,5	120 100 11 11 11 11 11 11 11 11 11 11 11 1	H 2,50 296 118 20079 118 20079 118 20079 118 20079 119 20079 114 20079 20070 20079 20079 20079 20079 20070 20070 20070 20070 20070 20070 20070 20070 20070 2	10 94 1 5, 92 1 1 4, 2, 7. 1 1 ifugal erter	7,777 445 22 335 336 330 22 22 997 338 800	133 111 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	77 77 77 77 77 77 77 77 77 77 77 77 77	15, 133 2 7, 133 2 6, 5, 111 2	114	5, 99	1,20 1,20 1,882 116 16 7,57 115 177 1880 1992 115	14 1. 77 1. 74 44 1.	M 4,42 264 225 7,17 245 224 87 2259 223 3 3 3 3 3 3 3 3 3 3 3 4 4 0	17, 15, 3 8, 14 3 8, 5, 14, 3 3	H H H H H H H H H H H H H H H H H H H
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 Signal 0-10V Fan coil sound data (3) Sound power level Sound pressure	kW I/h kPa  type type no. m³/h W	8,10 710 17 4,03 699 17 3,92 2,99 675 17 700 30 56		M M 9,80 9,80 9,860 9,87 9,87 9,87 9,87 9,87 9,87 9,87 9,87	H 11,0,964 29 5,4;6 950 29 5,5;6 30 30	7 7 0 0 0	9,10 798 10 4,50 786 10 4,27 3,20 734 10	55 99 99 99 99 99 99 99 99 99 99 99 99 9	M 1,30 1,30 1,30 1,30 1,30 1,30 1,30 1,30	120 100 100 100 100 100 100 100 100 100	H  H  2,50  096  18  18  7,20  079  18  Centre Inves  144  80  90	100 94 1 1 1 5, 5, 9: 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	777 445 122 335 335 330 22 229 997 338 300	133 111 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	77 77 77 77 77 77 77 77 77 77 77 850 3	15, 133 2 2 7, 7, 133 2 2 5, 5, 111 2 2 111 8 8 9 9 622	114 228 22 2553 007 22 291 668 889 22	111   99   55   99   77   77   121   55	1,20 1,20 1882 116 115 115 115 115	14 1	M 4,42 264 225 245 224 23 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	17, 15, 15, 15, 15, 15, 15, 15, 15, 15, 15	H  7,10  500  500  500  500  600  600  600  6
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 Signal 0-10V 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 % dB(A)	8,10 710 17 4,03 699 17 3,92 2,99 675 17 700 30 56		M M M M M M M M M M M M M M M M M M M	H 11,0,0 9644 29 5,47 950 29 5,5(5) 4,3(3) 946 80 90	7 7 0 0 0	9,10 798 10 4,50 786 10 4,27 3,20 734 10 700 30 56	55 99 99 99 99 99 99 99 99 99 99 99 99 9	M 1,30 1,30 1,30 1,30 1,30 1,30 1,30 1,30	120 100 100 100 100 100 100 100 100 100	H	100 9.9. 11 1.5, 9.9. 11 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1	777 445 12 335 335 330 22 22 29 997 338 30 00 00 00 66	133 111 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	77 77 77 77 77 77 77 77 77 77 77 77 77	15, 133 2 2 7, 7, 133 2 2 5, 5, 111 2 2 111 8 8 9 9 622	114 128 22 23 25 25 27 27 27 27 28 29 20 20 20 20 20 20 20 20 20 20	111   99   55   99   77   77   121   55	1,20 1,20 1,20 1,20 1,20 1,20 1,20 1,20	14 1	M 4,42 264 225 7,17 2245 224 7,32 2,87 32 23 3 3 330 440 772 77,0	17, 15, 15, 15, 15, 15, 15, 15, 15, 15, 15	H 1,110 6000 833 83 83 8479 830 800 800 800 800 800 800 800 800 800
Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 40 °C (2) 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 Fan Type Fan motor Number Air flow rate Input power Signal 0-10V Fan coil sound data (3) Sound power level Sound pressure Diametre hydraulic fittings Main heat exchanger	kW I/h kPa kW I/h kPa kW kW I/h kPa  type type no. m³/h W % dB(A)	8,10 710 17 4,03 699 17 3,92 2,99 675 17 700 30 56		M M M M M M M M M M M M M M M M M M M	H 11,0,0 9644 29 5,47 950 29 5,5(5) 4,3(3) 946 80 90	7 7 0 0 0	9,10 798 10 4,50 786 10 4,27 3,20 734 10 700 30 56	55 99 99 99 99 99 99 99 99 99 99 99 99 9	M 1,30 1,30 1,30 1,30 1,30 1,30 1,30 1,30	120 100 100 100 100 100 100 100 100 100	H	100 94 1 1 1 5, 5, 9: 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	777 445 12 335 335 330 22 22 29 997 338 30 00 00 00 66	133 111 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	77 77 77 77 77 77 77 77 77 77 77 77 77	15, 133 2 2 7, 7, 133 2 2 5, 5, 111 2 2 111 8 8 9 9 622	114 128 22 23 25 25 27 27 27 27 28 29 20 20 20 20 20 20 20 20 20 20	111   99   55   99   77   77   121   55	1,20 1,20 1,20 1,20 1,20 1,20 1,20 1,20	14 1	M 4,42 264 225 7,17 2245 224 7,32 2,87 32 23 3 3 330 440 772 77,0	17, 15, 15, 15, 15, 15, 15, 15, 15, 15, 15	H 1,110 6000 833 83 83 8479 830 800 800 800 800 800 800 800 800 800
Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 40 °C (2) 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 Signal 0-10V Fan coil sound data (3) Sound power level Sound pressure Diametre hydraulic fittings Main heat exchanger Power supply	kW I/h kPa  kW I/h kPa  kW I/h kPa  type type no. m³/h W % dB(A)	8,10 710 17 4,03 699 17 3,92 2,99 675 17 700 30 56		M M M M M M M M M M M M M M M M M M M	H 11,0,0 9644 29 5,47 950 29 5,5(5) 4,3(3) 946 80 90	7 7 0 0 0	9,10 798 10 4,50 786 10 4,27 3,20 734 10 700 30 56	55 99 99 99 99 99 99 99 99 99 99 99 99 9	M 1,30 1,30 1,30 1,30 1,30 1,30 1,30 1,30	120 100 100 100 100 100 100 100 100 100	HH 2,50 2,50 2,50 2,50 2,50 2,50 2,50 2,50	100 944 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	777 445 12 335 335 330 22 22 29 997 338 30 00 00 00 66	133 111 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	77 77 77 77 77 77 77 77 77 77 77 77 850 850 83 83 80 90 90 90 90 90 90 90 90 90 90 90 90 90	15, 133 2 2 7, 7, 133 2 2 5, 5, 111 2 2 111 8 8 9 9 622	114 128 22 23 25 25 27 27 27 27 28 29 20 20 20 20 20 20 20 20 20 20	111   99   55   99   77   77   121   55	1,20 1,20 1,20 1,20 1,20 1,20 1,20 1,20	14 1	M 4,42 264 225 7,17 2245 224 7,32 2,87 2259 23 3 3 330 440 772 7,7,0	17, 15, 15, 15, 15, 15, 15, 15, 15, 15, 15	H 1,110 6000 833 83 83 8479 830 800 800 800 800 800 800 800 800 800
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 Signal 0-10V Fan coil sound data (3) Sound power level Sound pressure Diametre hydraulic fittings Main heat exchanger	kW I/h kPa  kW I/h kPa  kW I/h kPa  type type no. m³/h W % dB(A)	8,10 710 17 4,03 699 17 3,92 2,99 675 17 700 30 56		M M M M M M M M M M M M M M M M M M M	H 11,0,0 9644 29 5,47 950 29 5,5(5) 4,3(3) 946 80 90	7 7 0 0 0	9,10 798 10 4,50 786 10 4,27 3,20 734 10 700 30 56	55 99 99 99 99 99 99 99 99 99 99 99 99 9	M 1,30 1,30 1,30 1,30 1,30 1,30 1,30 1,30	120 100 100 100 100 100 100 100 100 100	HH 2,50 2,50 2,50 2,50 2,50 2,50 2,50 2,50	100 9.9. 5, 99. 11 4, 2, 7.7. 11 11 11 11 11 11 11 11 11 11 11 11 11	777 445 12 335 335 330 22 22 29 997 338 30 00 00 00 66	133 111 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	77 77 77 77 77 77 77 77 77 77 77 77 850 850 83 83 80 90 90 90 90 90 90 90 90 90 90 90 90 90	15, 133 2 2 7, 7, 133 2 2 5, 5, 111 2 2 111 8 8 9 9 622	114 128 22 23 25 25 27 27 27 27 28 29 20 20 20 20 20 20 20 20 20 20	111   99   55   99   77   77   121   55	1,20 1,20 1,20 1,20 1,20 1,20 1,20 1,20	14 1	M 4,42 264 225 7,17 2245 224 7,32 2,87 2259 23 3 3 330 440 772 7,7,0	17, 15, 15, 15, 15, 15, 15, 15, 15, 15, 15	H 1,110

<sup>(1)</sup> 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.

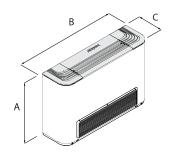
# Technical data - 4-pipe systems (main coil + secondary coil)

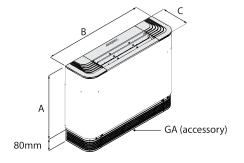
#### 4-pipe

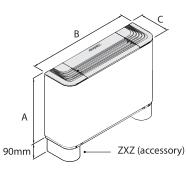
4-ріре			FCZI201			FCZI301			FCZI401			FCZI501			FCZI701			FCZI901	
		1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
		i i	M	 H	i	M	 H	H	M	Н.	i i	M	Н	H	M	H	i	M	 H
Heating performance 65 °C / 55 °C (1)																	_		
Heating capacity	kW	1,02	1,35	1,60	1,80	2,18	2,56	2,21	2,65	3,12	2,59	3,34	3,73	3,66	4,29	4,94	4,73	5,63	5,72
Water flow rate system side	l/h	89	118	140	158	191	224	186	232	273	227	293	327	320	375	437	414	492	501
Pressure drop system side	kPa	5	8	11	17	23	31	5	7	9	6	9	11	11	15	19	9	12	12
Cooling performance 7 °C / 12 °C																			
Cooling capacity	kW	0,89	1,28	1,60	1,68	2,17	2,65	2,20	2,92	3,60	2,68	3,69	4,25	3,92	4,89	5,50	4,29	5,00	6,91
Sensible cooling capacity	kW	0,71	1,05	1,33	1,26	1,65	2,04	1,59	2,14	2,67	1,94	2,73	3,18	2,99	3,76	4,30	2,97	3,78	5,68
Water flow rate system side	l/h	153	221	275	289	374	456	379	503	619	461	635	731	675	841	946	738	860	1188
Pressure drop system side	kPa	7	13	18	8	13	18	14	24	34	13	23	29	17	25	30	10	12	22
Fan																			
Туре	type									Centr	ifugal								
Fan motor	type									Inve	erter								
Number	no.		1			2			2			2			3			3	
Air flow rate	m³/h	140	220	290	260	350	450	330	460	600	400	600	720	700	930	1140	700	930	1140
Sound pressure level (10 m)	dB(A)	27,0	38,0	43,0	26,0	33,0	40,0	29,0	36,0	43,0	34,0	43,0	48,0	42,0	49,0	54,0	43,0	49,0	54,0
Sound power level (2)	dB(A)	35,0	46,0	51,0	34,0	41,0	48,0	37,0	44,0	51,0	42,0	51,0	56,0	50,0	57,0	62,0	51,0	57,0	62,0
Diametre hydraulic fittings																			
Туре	type										-								
Main heat exchanger	Ø		1/2"			3/4"			3/4"			3/4"			3/4"			3/4"	
Fan																			
Input power	W	7	8	14	5	7	13	5	10	18	7	16	31	30	40	80	30	40	80
Signal 0-10V	%	44	68	90	52	70	90	49	68	90	50	74	90	56	72	90	56	72	90
Power supply																			
Power supply										230V-	~50Hz								

(1) Room air temperature 20°C d.b.; Water (in/out) 65 °C/55 °C; EUROVENT
(2) 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**







# 2-pipe

		FCZI200	FCZI250	FCZI300	FCZI350	FCZI400	FCZI450	FCZI500	FCZI550	FCZI700	FCZI750	FCZ1900	FCZI950
		1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3
		L M H	L M H	L M H	L M H	L M H	L M H	L M H	L M H	L M H	L M H	L M H	L M H
Dimensions and	weights											•	
A	mm	486	486	486	486	486	486	486	486	486	486	591	591
В	mm	750	750	980	980	1200	1200	1200	1200	1320	1320	1320	1320
C	mm	220	220	220	220	220	220	220	220	220	220	220	220
Empty weight	kg	15	16	17	18	22	24	22	24	29	31	34	34

# 4-pipe

			FCZI201			FCZI301			FCZI401			FCZI501			FCZI701			FCZI901	
		1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
		L	М	Н	L	М	Н	L	М	Н	L	М	Н	L	М	Н	L	М	H
Dimensions and	weights																		
A	mm		486			486			486			486			486			591	
В	mm		750			980			1200			1200			1320			1320	
С	mm		220			220			220			220			220			220	
Empty weight	kg		15			17			23			23			30			34	

Aermec reserves the right to make any modifications deemed necessary. All data is subject to change without notice. Aermec does not assume responsibility or liability for errors or omissions.

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# **FCZI-D**

# Fan coil for vertical wall-mounting or free-standing installation

Cooling capacity 0,89 ÷ 4,25 kW Heating capacity 2,02 ÷ 8,50 kW



- Total comfort in every season
- Electric saving equal to 50% with respect to a fan coil with 3-speed motor
- Fully silent operation
- Backlit Touch command with programming via a smart device (DT vesion)





#### **DESCRIPTION**

The perception of uneven temperature distribution in various settings, especially in the vertical direction, is one of the main factors leading to a drastic reduction in the well-being perceived by occupants.

FCZI D are able to provide a pleasant sensation of comfort by directing the air in a way that ensures uniform temperature distribution throughout the setting. In winter, hot air is direct downwards; in summer, cool air is directed upwards.

Air supply switching at the front or from the top by operating directly on the orientable grille.

They can be installed in any type of 2/4 pipe system and in combination with any heat generator even at low temperatures. Thanks to the availability of several versions and configurations, it is easy to choose the optimal solution for every requirement.

### **FEATURES**

#### Case

Protective metal cabinet with anti-corrosion polyester RAL 9003 paint, whereas the head with the air distribution grille is in RAL 7047 plastic.

# **Ventilation group**

Centrifugal fans in anti-static plastic material with aerofoil profile designed to achieve high airflows and pressures whilst at the same time producing low noise.

Their characteristics permit energy savings compared to conventional fans. They are statically and dynamically balanced and directly coupled to the motor shaft.

The Brushless electric motor with 0-100% continuous speed variation, which allows precise adaptation to the real demands of the internal environment without temperature fluctuations.

# 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.

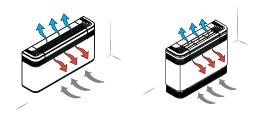
The coil is not suitable for use in corrosive atmosphere or in environments where aluminium may be subject to corrosion.

The hydraulic connections can be inverted during installation.

### Air filter

Air filter class Coarse 25% for all versions easy to pull out and clean.

# **VERSION WITH DOUBLE SUPPLY**



# FCZI\_D

With on-board thermostat.

#### FCZI DT

- With thermostat T-TOUCH-I on-board the system
- Compatibility with VMF system.

# FCZI\_DS

- Without installed switch
- Compatibility with VMF system.

#### **GUIDE TO SELECTING THE POSSIBLE CONFIGURATIONS**

Field	Description
1,2,3,4	FCZI
5	<b>Size</b> 2, 3, 4, 5
6	main heat exchanger
0	Standard
7	Secondary heat exchanger
0	Without coil
8	Version
D	Dualjet with thermostat TXBI on-board the system
DS	Dualjet without on-board thermostat
DT	Dualjet with T-Touch-I thermostat

#### **ACCESSORIES**

#### **Control panels**

**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.

**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).

# AerSuite

The AerSuite application is used to remotely control the DI24 user interface, with VMF-E19/VMF-E19I thermostats, using Smart Devices with iOS and Android operating systems.

This is an application for Smartphones and Tablets with which the user can access and control the system operation remotely.

For more information about the use of the application and the available functions, refer to the respective documentation on the website.



# VMF system

**D124:** Flush-mounted interface (503 box) with 2.4" touch screen display to be combined with VMF-E19, VMF-E19I accessories. It allows you to regulate and monitor the temperature inside rooms precisely and on time; in addition to accessing and interacting with your system's operating information, parameters and alarms, it allows you to set time slots. Thanks to its Wi-Fi connection, D124 in combination with the AerSuite APP (available for Android and iOS) can also be remotely controlled. All programming and most functions are done in a simple and intuitive way using the APP. It is supplied with a graphite grey plate; however, to allow the interface to be customised so that it fits in perfectly with the style of any home, D124 is compatible with plates of the major brands available on the market, for more information please refer to our documentation.

**VMF-E19I:** Thermostat for inverter unit to be fixed on the side of the fan coil, fitted as standard with an air and water probe.

**VMF-E22:** User interface on the machine, to be combined with the VMF-E19 and VMF-E19I accessory.

**VMF-E3:** Wall mounted user interface, to be combined with accessories VMF-E19, VMF-E19I, with grids GLF\_N/M and GLL\_N, can be controlled with VMF-IR control.

**VMF-E4DX:** Wall-mounted user interface. Grey front panel PANTONE 425C (METAL).

**VMF-E4X:** Wall-mounted user interface. Light grey front panel PANTONE COOL GRAY 1C.

**VMF-IO:** Manage the unit exclusively from a centralized VMF control panel without area control panel.

**VMF-IR:** User interface compatible with the AER503IR, VMF-E3 thermostat and with all the grids of cassettes equipped with the infrared receiver compatible with the VMF system.

**VMF-SW:** Water probe (L=2.5m) used if required in place of the standard unit supplied with the VMF-E19 and VMF-E19I thermostats for mounting it upstream of the valve.

**VMHI:** The VMHI panel can be used as a user interface for VMF-E19/E19I thermostats, GLFxN/M or GLLxN grids, or as an interface for the MZC system. What determines the function to be performed by the user interface is determined by its correct parametrisation and by following the electrical connections between interface and thermostat or interface and plenum.

#### Water valves

**VCZ\_X:** 3-way valve kit for single-coil fan coil, RH connections, (VCZ\_X4R) or LH (VCZ\_X4L) for 4-pipe systems. With totally separate "heating" and "cooling" circuits. This kit consists of two 3-way insulated valves and four connections, complete with electrothermal actuators, insulating shells for the valves, and the relative hydraulic couplings. X4L version for fan coils with LH connections, and X4R for fan coils with RH connections. 230V~50Hz power supply.

**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.

**VJP:** Control and balancing combination valve for 2 and 4 pipe systems to install outside the unit, supplied without fittings and hydraulic components. The valve, which can guarantee a constant water flow rate in the terminal, within its operating range.

# **Installation accessories**

**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.

**DSCZ4:** 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.

**ZXZ:** Pair of stylish and structural feet

www.aermec.com

#### **ACCESSORIES COMPATIBILITY**

# **Control panels**

Model	Ver	200	300	400	500
AER503IR (1)	DS	•	•	•	•
PR0503	DS	•	•	•	•
SA5 (2)	DS	•	•	•	•
SW3 (2)	DS	•	•	•	•
SW5 (2)	DS	•	•	•	•
TX (3)	DS	•	•	•	•

# For more information about VMF system, refer to the dedicated doc-

#### umentation.

Model	Ver	200	300	400	500
DI24	DS	•	•	•	•
VMF-E19I (1)	DS	•	•	•	•
VMF-E2Z	DS	•	•	•	•
VMF-E3	DS,DT	•	•	•	•
VMF-E4DX	DS,DT	•	•	•	•
VMF-E4X	DS,DT	•	•	•	•
VMF-I0	DS	•	•	•	•
VMF-IR	DS	•	•	•	•
VMF-SW	DS	•	•	•	•
VMHI	DS	•	•	•	•

<sup>(1)</sup> Mandatory accessory.

# **Water valves**

#### 3 way valve kit

Model	Ver	200	300	400	500
VCZ41 (1)	D,DS,DT	•			
VCZ4124 (2)	D,DS,DT	•			
VCZ42 (1)	D,DS,DT		•	•	•
VCZ4224 (2)	D,DS,DT		•	•	•

<sup>(1) 230</sup>V~50Hz (2) 24V

# 2 way valve kit

Model	Ver	200	300	400	500
VCZD1 (1)	D,DS,DT	•			
VCZD124 (2)	D,DS,DT	•			
VCZD2 (1)	D,DS,DT		•	•	•
VCZD224 (2)	D,DS,DT		•	•	•

<sup>(1) 230</sup>V~50Hz (2) 24V

# Valve Kit for 4 pipe systems

Model	Ver	200	300	400	500
VCZ1X4L (1)	D,DS,DT	•			
VCZ1X4R (1)	D,DS,DT	•			
VCZ2X4L (1)	D,DS,DT		•	•	•
VCZ2X4R (1)	D,DS,DT		•		•

<sup>(1)</sup> The valves can be combined with the units if there is a control panel for managing them.

# **Combined Adjustment and Balancing Valve Kit**

Model	Ver	200	300	400	500					
VJP060 (1)	D,DS,DT	•	•							
VJP060M (2)	D,DS,DT	•	•							
VJP090 (1)	D,DS,DT			•	•					
VJP090M (2)	D,DS,DT			•	•					

<sup>(1) 230</sup>V~50Hz (2) 24V

# **Installation accessories**

# Condensate recirculation device

Model	Ver	200	300	400	500					
DSCZ4 (1)	D,DS,DT	•	•	•	•					

<sup>(1)</sup> DSCZ4 due to space problems inside the unit, the VCZ1-2-3-4 X4L/R valves cannot be mounted together with the amp/AMPZ accessories, with all the condensate collection trays. With the VMF-E19/E19I thermostats, please contact the head office.

<sup>(1)</sup> Wall-mount installation.
(2) Probe for AERSO3IR-TX thermostats, if fitted.
(3) 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.

#### Condensate drip

Model	Ver	200	300	400	500
BCZ4 (1)	D,DS,DT	•	•	•	•

#### (1) For vertical installation.

# Panel closing the rear of the unit

Model	Ver	200	300	400	500
PCZ200	D,DS,DT	•			
PCZ300	D,DS,DT		•		
PCZ500	D,DS,DT			•	•

# **Ornamental grille**

Model	Ver	200	300	400	500
GA200	D,DS,DT	•			
GA300	D,DS,DT		•		
GA500	D,DS,DT			•	•

# Supports to be combined with the ornamental grille (GA) for floor installation of the fan coil

Model	Ver	200	300	400	500
FIKIT200	D,DS,DT	•			
FIKIT300	D,DS,DT		•		
FIKIT500	D,DS,DT			•	•

# Pair of stylish structural feet

Model	Ver	200	300	400	500
ZXZ	D,DS,DT	•	•	•	•

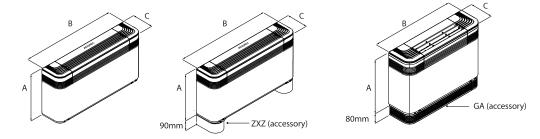
# **PERFORMANCE SPECIFICATIONS**

#### 2-pipe

z-pipe	Ī		FCZI200D			FCZI300D			FCZI400D			FCZI500D	
		1	2	3	1	2	3	1	2	3	1	2	3
-		L	M	Н	L	M	Н	L	M	H	L	M	H
Heating performance 70 °C / 60 °C (1)													
Heating capacity	kW	2,02	2,95	3,70	3,47	4,46	5,50	4,32	5,74	7,15	5,27	7,31	8,50
Water flow rate system side	I/h	177	258	324	304	391	482	379	503	627	462	641	745
Pressure drop system side	kPa	6	12	18	7	12	18	9	16	24	12	21	28
Heating performance 45 °C / 40 °C (2)													
Heating capacity	kW	1,00	1,46	1,84	1,72	2,21	2,73	2,14	2,85	3,55	2,62	3,63	4,22
Water flow rate system side	l/h	174	254	319	299	385	475	373	495	617	455	631	734
Pressure drop system side	kPa	6	12	18	8	12	18	10	16	24	12	21	28
Cooling performance 7 °C / 12 °C													
Cooling capacity	kW	0,89	1,28	1,60	1,68	2,17	2,65	2,20	2,92	3,60	2,68	3,69	4,25
Sensible cooling capacity	kW	0,71	1,05	1,33	1,26	1,65	2,04	1,59	2,14	2,67	1,94	2,73	3,18
Water flow rate system side	l/h	153	221	275	288	374	456	379	503	619	460	634	731
Pressure drop system side	kPa	7	13	18	8	13	18	10	17	24	13	23	29
Fan													
Туре	type						Centr	ifugal					
Fan motor	type						Inve	rter					
Number	no.		1			2			2			2	
Air flow rate	m³/h	140	220	290	260	350	450	330	460	600	400	600	720
Input power	W	5	8	14	5	7	13	5	10	18	8	18	34
Signal 0-10V	%	44	68	90	52	70	90	49	68	90	50	74	90
Fan coil sound data (3)							-					-	
Sound power level	dB(A)	31,0	43,0	50,0	34,0	41,0	48,0	37,0	44,0	41,0	42,0	51,0	56,0
Sound pressure	dB(A)	23,0	35,0	42,0	26,0	33,0	40,0	29,0	36,0	53,0	34,0	43,0	48,0
Finned pack heat exchanger													
Water content main heat exchanger			0,5			0,8			1,0			1,0	
Diametre hydraulic fittings													
Main heat exchanger	Ø		1/2"			3/4"			3/4"			3/4"	
Power supply													
Power supply							230V-	~50Hz					

<sup>(1)</sup> 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**



		FCZI200D	FCZI300D	FCZ1400D	FCZI500D
Dimensions and weights	s				
A	mm	486	486	486	486
В	mm	750	980	1200	1200
C	mm	220	220	220	220
Empty weight	kg	15	17	23	22

**Aermec S.p.A.**Via Roma, 996 - 37040 Bevilacqua (VR) - Italia
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www.aermec.com





# FCZI-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.
- 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 Brushless electric motor with 0-100% continuous speed variation, which allows precise adaptation to the real demands of the internal environment without temperature fluctuations.

Continuous air flow rate variation is made possible by a 0-10V signal generated by Aermec adjustment and control commands or by independent regulation systems.

This lowers noise and generates a better response to heat loads and a higher stability in the desired temperature inside the room.

The high efficiency even with low speed, makes it possible to reduce power consumption (more than 50% less than fan coils with traditional motors). The scroll that protects the fan can be extracted and inspected, for easy and effective cleaning.

 Apart from the brushless motor, each unit can also be supplied with a single-phase asynchronous motor. Refer to the relative FCZ - 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.

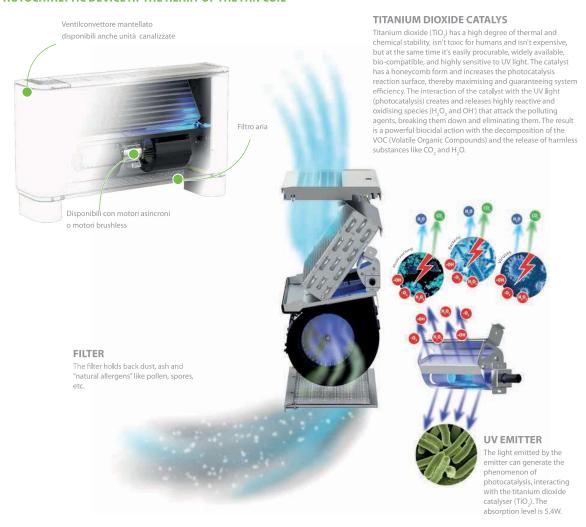
The coil is not suitable for use in corrosive atmosphere or in environments where aluminium may be subject to corrosion.

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**

Field	Description
1,2,3,4	FCZI
5	<b>Size</b> 2, 3, 4, 5, 7, 9
6	main heat exchanger
0	Standard
5	Oversized
7	Secondary heat exchanger
0	Without coil
8	Version
Н	Unit with shell without thermostat - vertical and horizontal mount
HP	Unit without shell and thermostat - vertical and horizontal mount
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 - FCZI-H

**AERS03IR:** 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. **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 (Dualier)

**D124:** Flush-mounted interface (503 box) with 2.4" touch screen display to be combined with VMF-E19, VMF-E19I accessories. It allows you to regulate and monitor the temperature inside rooms precisely and on time; in addition to accessing and interacting with your system's operating information, parameters and alarms, it allows you to set time slots. Thanks to its Wi-Fi connection, D124 in combination with the AerSuite APP (available for Android and iOS) can also be remotely controlled. All programming and most functions are done in a simple and intuitive way using the APP. It is supplied with a graphite grey plate; however, to allow the interface to be customised so that it fits in perfectly with the style of any home, D124 is compatible with plates of the major brands available on the market, for more information please refer to our documentation.

**VMF-E19I:** Thermostat for inverter unit to be fixed on the side of the fan coil, fitted as standard with an air and water probe.

**VMF-E2Z:** User interface on the machine, to be combined with the VMF-E19 and VMF-E19I accessory.

VMF-E3: Wall mounted user interface, to be combined with accessories VMF-E19, VMF-E19I, with grids GLF\_N/M and GLL\_N, can be controlled with VMF-IR control.

**VMF-E4DX:** Wall-mounted user interface. Grey front panel PANTONE 425C (METAL).

**VMF-E4X:** Wall-mounted user interface. Light grey front panel PANTONE COOL GRAY 1C.

**VMF-IO:** Manage the unit exclusively from a centralized VMF control panel without area control panel.

**VMF-IR:** User interface compatible with the AER503IR, VMF-E3 thermostat and with all the grids of cassettes equipped with the infrared receiver compatible with the VMF system.

**VMF-LON:** Expansion allowing the thermostat to interface with BMS systems that use the LON protocol.

**VMF-SW1:** Additional water probe (L=2.5m) to be used if required for 4-pipe systems with the VMF-E19 and VMF-E19I thermostats for maximum control in the cold range

**VMHI:** The VMHI panel can be used as a user interface for VMF-E19/E19I thermostats, GLFxN/M or GLLxN grids, or as an interface for the MZC system. What determines the function to be performed by the user interface is determined by its correct parametrisation and by following the electrical connections between interface and thermostat or interface and plenum.

#### 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 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.

**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**

Model	Ver	200	250	300	350	400	450	500
AER503IR (1)	H,HP	•	•	•	•	•	•	•
PR0503	H,HP		•	•	•	•	•	•
SA5 (2)	H,HP		•	•	•	•	•	•
SW3 (2)	H,HP,HT	• •		•	•	•	•	•
CME (2)	H,HP	•	•	•	•	•	•	•
SW5 (2)	HT		•		•		•	
TX (3)	H,HP,HT	•	•	•	•	•		•
Model	Ver	550		700	750	900		050
mouci	VCI	330		700	730	900		950
	H,HP	•		•	•	•		950
AER503IR (1)				•		•		•
AER503IR (1) PR0503	H,HP	•		•	•	•		
AERSO3IR (1) PR0503 SA5 (2) SW3 (2)	H,HP H,HP	•		•	•	•		•
AER503IR (1) PR0503 SA5 (2) SW3 (2)	H,HP H,HP H,HP	•		•	•	•		,
AER503IR (1) PR0503 SA5 (2)	H,HP H,HP H,HP	•		•	•	•		•

- (1) Wall-mount installation.
- (2) Probe for AER503IR-TX thermostats, if fitted.
- (3) 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.

Model	Ver	200	250	300	350	400	450	500	550	700	750	900	950
DI24	H,HP	•	•	•	•	•		•	•	•	•	•	•
VMF-E19I (1)	H,HP	•	•	•	•	•	•	•	•	•	•	•	•

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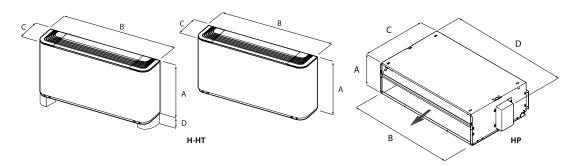
Model	Ver	200	250	300	350	400	450	500	550 7	00 750	900	950
VMF-E2Z	Н					•						
VMF-E3	H,HP	•										
VMF-E4DX	H,HP			•	•	•	•	•				•
VMF-E4X	H,HP	•	•	•	•	•	•	•	•		•	•
VMF-IO	Н	•	•	•	•	•	•	•	•		•	•
VMF-IR	H,HP	•	•	•	•	•	•	•	•		•	•
VMF-LON	Н	•	•	•	•	•	•	•	•		•	•
VMF-SW1	H,HP	•	•	•	•	•	•	•	•	• •	•	•
VMHI	H,HP	•	•	•	•	•	•	•	•	• •	•	•
(1) Mandatory accessory.												
Common accessories												
3 way valve kit												
Model	Ver	200	250	300	350	400	450	500	550 7	750	900	950
VCZ41 (1)	H,HP,HT			300	330	700	430	500	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	750	,,,,	730
VCZ4124 (2)	Н,НР,НТ											
VCZ42 (1)	Н,НР,НТ											
VCZ4224 (2)	H,HP,HT				•		•	•				
VCZ43 (1)	H,HP,HT		-						-			
VCZ4324 (2)	Н,НР,НТ										•	
(1) 230V~50Hz												
(2) 24V												
2 way valve kit												
Model	Ver	200	250	300	350	400	450	500	550 7	00 750	900	950
VCZD1 (1)	H,HP,HT	•	•									
VCZD124 (2)	H,HP,HT	•	•									
VCZD2 (1)	H,HP,HT			•	•	•	•	•		• •		
VCZD224 (2)	H,HP,HT			•	•	•	•	•	•	• •		
VCZD3 (1) VCZD324 (2)	H,HP,HT H,HP,HT										•	•
(1) 230V~50Hz	11,117,111										•	<u> </u>
(1) 230V~30H2 (2) 24V												
Combined Adjustment and I	Balancing Va	lve Kit										
Model	Ver	200	250	300	350	400	450	500	550 7	00 750	900	950
VJP060 (1)	Н,НР,НТ	•	•	•	•							
VJP060M (2)	H,HP,HT		•	•	•							
VJP090 (1)	H,HP,HT					•	•	•	•			
VJP090M (2)	H,HP,HT					•			•			
VJP090M (2) VJP150 (1)	H,HP,HT H,HP,HT								•		•	•
VJP090M (2) VJP150 (1) VJP150M (2)	H,HP,HT								•		•	•
VJP090M (2) VJP150 (1) VJP150M (2) (1) 230V~50Hz	H,HP,HT H,HP,HT								•			
VJP090M (2) VJP150 (1) VJP150M (2) (1) 230V~50Hz (2) 24V	H,HP,HT H,HP,HT								•			
VJP090M (2) VJP150 (1) VJP150M (2) (1) 230V~50Hz (2) 24V Wall mounting kit Ver	H,HP,HT H,HP,HT	250	300	350	400				•			
VJP090M (2) VJP150 (1) VJP150M (2) (1) 230V~50Hz (2) 24V <b>Wall mounting kit</b>	Н,НР,НТ Н,НР,НТ Н,НР,НТ	<b>250</b> AMP20	<b>300</b> AMP20	<b>350</b> AMP20	<b>400</b> AMP20	•	•	•	•	• •	•	950
VJP090M (2) VJP150 (1) VJP150M (2) (1) 230V~50Hz (2) 24V  Wall mounting kit  Ver  H,HP	Н,НР,НТ Н,НР,НТ Н,НР,НТ					450	500	550	700	750	900	•
VJP090M (2) VJP150 (1) VJP150M (2) (1) 230V~50Hz (2) 24V Wall mounting kit	H,HP,HT H,HP,HT H,HP,HT <b>200</b> AMP20	AMP20	AMP20	AMP20	AMP20	• 450 AMP20	500 AMP20	550 AMP20	700 AMP20		900 AMP20	950 AMP20
VJP090M (2) VJP150 (1) VJP150M (2) (1) 230V~50Hz (2) 24V Wall mounting kit	Н,НР,НТ Н,НР,НТ Н,НР,НТ 200 АМР20	AMP20 200	AMP20 250	AMP20 300	AMP20 350	450 AMP20	500 AMP20	550 AMP20	700 AMP20	750 AMP20	900 AMP20	950 AMP20
VJP090M (2) VJP150 (1) VJP150M (2) (1) 230V~50Hz (2) 24V Wall mounting kit	Н,НР,НТ Н,НР,НТ Н,НР,НТ 200 АМР20 Ver НР	AMP20 200	AMP20 250	300 •	350	450 AMP20	500 AMP20		700 AMP20		900 AMP20	950 AMP20
VJP090M (2) VJP150 (1) VJP150M (2) (1) 230V~50Hz (2) 24V Wall mounting kit Ver H,HP Condensate drainage Model DSC4 (1) (1) DSC4 cannot be mounted if even just or	Н,НР,НТ Н,НР,НТ Н,НР,НТ 200 АМР20 Ver НР	AMP20 200	AMP20 250	300 •	350	450 AMP20	500 AMP20		700 AMP20	750 AMP20	900 AMP20	950 AMP20
VJP090M (2) VJP150 (1) VJP150M (2) (1) 230V~50Hz (2) 24V Wall mounting kit Ver H,HP  Condensate drainage Model DSC4 (1) (1) DSC4 cannot be mounted if even just or Condensate drip	H,HP,HT H,HP,HT H,HP,HT  200 AMP20  Ver HP ne of these accessor	AMP20  200  • ies is also insta	250 • Iled: AMP - AM	AMP20  300  •  MPZ valve VCZ1	350 • -2-3-4 X4L/R a	450 AMP20 400 •	500 AMP20 450 •	550 AMP20 500 •	700 AMP20 550 7	750 AMP20	900 AMP20 900	950 AMP20 950
VJP090M (2) VJP150 (1) VJP150M (2) (1) 230V~50Hz (2) 24V Wall mounting kit Ver H,HP Condensate drainage Model DSC4 (1) (1) DSC4 cannot be mounted if even just or Condensate drip Ver	H,HP,HT H,HP,HT H,HP,HT  200 AMP20  Ver HP ne of these accessor	200 · · · ies is also insta	250 • Illed: AMP - AM	300 • MPZ valve VCZ1	350 • -2-3-4 X4L/R a	450 AMP20 400 • nd all the cond	500 AMP20 450 • densate collect	550 AMP20 500 •	700 AMP20 550 7	750 AMP20 750	900 AMP20 900	950 AMP20 950
VJP090M (2) VJP150 (1) VJP150M (2) (1) 230V~50Hz (2) 24V Wall mounting kit Ver H,HP  Condensate drainage Model DSC4 (1) (1) DSC4 cannot be mounted if even just or Condensate drip Ver HP	H,HP,HT H,HP,HT H,HP,HT  200 AMP20  Ver HP ne of these accessor	AMP20  200  • ies is also insta	250 • Iled: AMP - AM	AMP20  300  •  MPZ valve VCZ1	350 • -2-3-4 X4L/R a	450 AMP20 400 •	500 AMP20 450 •	550 AMP20 500 •	700 AMP20 550 7	750 AMP20	900 AMP20 900	950 AMP20 950
VJP090M (2) VJP150 (1) VJP150M (2) (1) 230V~50Hz (2) 24V Wall mounting kit Ver H,HP  Condensate drainage Model DSC4 (1) (1) DSC4 cannot be mounted if even just or Condensate drip Ver HP (1) For vertical installation.	H,HP,HT H,HP,HT H,HP,HT  200 AMP20  Ver HP ne of these accessor 200 BC74 (1)	200 . ies is also insta 250 BCZ4 (1)	250 . Illed: AMP - AM 300 BCZ4 (1)	300 . APZ valve VCZ1 350 BCZ4 (1)	350 -2-3-4 X4L/R a 400 BCZ4 (1)	450 AMP20 400	500 AMP20 450 . densate collect 500 BCZ4(1)	550 AMP20 500 . ion trays. 550 BC74 (1)	700 AMP20 550 7	750 AMP20 750 	900 AMP20 900 •	950 AMP2i 950 •
VJP090M (2) VJP150 (1) VJP150M (2) (1) 230V~50Hz (2) 24V Wall mounting kit Ver H,HP Condensate drainage Model DSC4 (1) (1) DSC4 cannot be mounted if even just or Condensate drip Ver HP (1) For vertical installation. Ver	H,HP,HT H,HP,HT H,HP,HT  200 AMP20  Ver HP ne of these accessor 200 BC74 (1)	200 • ies is also insta 250 BCZ4 (1)	250 . Illed: AMP - AM 300 BCZ4 (1)	300	350 -2-3-4 X4L/R a 400 BCZ4 (1)	450 AMP20 400 . nd all the cono BCZ4 (1)	500 AMP20 450 clensate collect 500 BCZ4 (1)	550 AMP20 500 cion trays. 550 BCZ4 (1)	700 AMP20 550 7	750 AMP20 750 - 750 - 750 BCZ4(1)	900 AMP20 900 •	950 AMP20 950 •
VJP090M (2) VJP150 (1) VJP150 M (2) (1) 230V~50Hz (2) 24V Wall mounting kit Ver H,HP  Condensate drainage Model DSC4 (1) (1) DSC4 cannot be mounted if even just or Condensate drip Ver HP (1) For vertical installation.	H,HP,HT H,HP,HT H,HP,HT  200 AMP20  Ver HP ne of these accessor 200 BC74 (1)	200 . ies is also insta 250 BCZ4 (1)	250 . Illed: AMP - AM 300 BCZ4 (1)	300 . APZ valve VCZ1 350 BCZ4 (1)	350 -2-3-4 X4L/R a 400 BCZ4 (1)	450 AMP20 400	500 AMP20 450 . densate collect 500 BCZ4(1)	550 AMP20 500 . ion trays. 550 BC74 (1)	700 AMP20 550 7	750 AMP20 750 	900 AMP20 900 •	950 AMP20 950 •
VJP090M (2) VJP150 (1) VJP150 M (2) (1) 230V~50Hz (2) 24V Wall mounting kit Ver H,HP  Condensate drainage Model DSC4 (1) (1) DSC4 cannot be mounted if even just or Condensate drip Ver HP (1) For vertical installation. Ver HP	H,HP,HT H,HP,HT H,HP,HT  200 AMP20  Ver HP ne of these accessor 200 BC74 (1)	200 • ies is also insta 250 BCZ4 (1)	250 . Illed: AMP - AM 300 BCZ4 (1)	300	350 -2-3-4 X4L/R a 400 BCZ4 (1)	450 AMP20 400 . nd all the cono BCZ4 (1)	500 AMP20 450 clensate collect 500 BCZ4 (1)	550 AMP20 500 cion trays. 550 BCZ4 (1)	700 AMP20 550 7	750 AMP20 750 - 750 - 750 BCZ4(1)	900 AMP20 900 •	950 AMP20 950 •
VJP090M (2) VJP150 (1) VJP150 (1) VJP150M (2) (1) 230V~50Hz (2) 24V Wall mounting kit Ver H,HP  Condensate drainage Model DSC4 (1) (1) DSC4 cannot be mounted if even just or Condensate drip Ver HP (1) For vertical installation. Ver HP (1) For horizontal installation.	H,HP,HT H,HP,HT H,HP,HT  200 AMP20  Ver HP ne of these accessor  200 BCZ4(1)  200 BC8 (1)	200 • ies is also insta 250 BCZ4 (1)	250 . Illed: AMP - AM 300 BCZ4 (1)	300	350 -2-3-4 X4L/R a 400 BCZ4 (1)	450 AMP20 400 . nd all the cono BCZ4 (1)	500 AMP20 450 clensate collect 500 BCZ4 (1)	550 AMP20 500 cion trays. 550 BCZ4 (1)	700 AMP20 550 7	750 AMP20 750 - 750 - 750 BCZ4(1)	900 AMP20 900 •	950 AMP20 950 •
VJP090M (2) VJP150 (1) VJP150 (1) VJP150M (2) (1) 230V~50Hz (2) 24V Wall mounting kit Ver H,HP  Condensate drainage Model DSC4 (1) (1) DSC4 cannot be mounted if even just or Condensate drip Ver HP (1) For vertical installation. Ver HP (1) For horizontal installation.	H,HP,HT H,HP,HT H,HP,HT  200 AMP20  Ver HP ne of these accessor  200 BCZ4(1)  200 BC8 (1)	200 • ies is also insta 250 BCZ4 (1)	250 . Illed: AMP - AM 300 BCZ4 (1)	300	350 -2-3-4 X4L/R a 400 BCZ4 (1)	450 AMP20 400 . nd all the cono BCZ4 (1)	500 AMP20 450 clensate collect 500 BCZ4 (1)	550 AMP20 500 cion trays. 550 BCZ4 (1)	700 AMP20 550 7	750 AMP20 750 - 750 - 750 BCZ4(1)	900 AMP20 900 •	950 AMP20 950 •
VJP090M (2) VJP150 (1) VJP150M (2) (1) 230V~50Hz (2) 24V Wall mounting kit Ver H,HP  Condensate drainage Model DSC4 (1) (1) DSC4 cannot be mounted if even just or Condensate drip Ver HP (1) For vertical installation. Ver HP (1) For horizontal installation. Panel closing the rear of the	H,HP,HT H,HP,HT H,HP,HT  200 AMP20  Ver HP ne of these accessor 200 BCZ4(1)  200 BC8(1)	200	250 • Illed: AMP - AM 300 BCZ4 (1) 300 BC8 (1)	300 . APZ valve VCZ1 350 BCZ4 (1) 350 BC8 (1)	350 -2-3-4 X4L/R a 400 BCZ4 (1) 400 BC8 (1)	450 AMP20 400 • nd all the cond BCZ4 (1) 450 BC8 (1)	500 AMP20  450  c densate collect  500 BCZ4 (1)  500 BC8 (1)	550 AMP20  500  c ion trays.  550 BCZ4 (1)	700 AMP20 550 7 .  700 BCZ4(1)	750 AMP20 750 T50 BC24 (1) 750 BC8 (1)	900 AMP20 900 • 900 BCZ4 (1) 900 BC9 (1)	950 AMP2 950 950 950 BC74 (1
VJP090M (2) VJP150 (1) VJP150 (1) VJP150M (2) (1) 230V~50Hz (2) 24V Wall mounting kit Ver H,HP  Condensate drainage Model DSC4 (1) (1) DSC4 cannot be mounted if even just or Condensate drip Ver HP (1) For vertical installation. Ver HP (1) For horizontal installation. Panel closing the rear of the Ver H,HT	H,HP,HT H,HP,HT H,HP,HT  200 AMP20  Ver HP ane of these accessor 200 BC24 (1)  200 BC8 (1)  cunit 200 PCZ200	200 · · ies is also insta 250 BCZ4 (1)  250 BC8 (1)  250 PCZ200	250 . Illed: AMP - AN 300 BCZ4 (1) 300 BC8 (1)	300 · · APZ valve VCZ1 350 BCZ4 (1) 350 BC8 (1)	350	450 AMP20 400 • nd all the cone BCZ4 (1) 450 BC8 (1)	500 AMP20  450  collected by the state collec	550 AMP20  500 . ion trays.  550 BCZ4 (1)  550 BC8 (1)	700 AMP20 550 7 00 BCZ4(1) 700 BC8(1)	750 AMP20 750 FO T50 BC24 (1) 750 BC8 (1)	900 AMP20 900 900 BCZ4 (1) 900 BC9 (1)	950 AMP2 950 • 950 BCZ4 (
VJP090M (2) VJP150 (1) VJP150 (1) VJP150M (2) (1) 230V~50Hz (2) 24V Wall mounting kit Ver H,HP  Condensate drainage Model DSC4 (1) (1) DSC4 cannot be mounted if even just or Condensate drip Ver HP (1) For vertical installation. Ver HP (1) For horizontal installation. Panel closing the rear of the Ver H,HT  Grille also applicable for floor	H,HP,HT H,HP,HT H,HP,HT  200 AMP20  Ver HP ne of these accessor 200 BC24 (1)  200 BC8 (1)  vuit 200 PC7200 prinstallatio	200 · ies is also insta 250 BCZ4 (1) 250 BC8 (1) 250 PCZ200	250 . Illed: AMP - AM 300 BCZ4 (1) 300 BC8 (1)  300 PCZ300	300 · · AMP20 300 · · APZ valve VCZ1 350 BCZ4 (1) 350 BC8 (1) 350 PCZ300	3502-3-4 X4L/R a 400 BCZ4 (1) 400 BCS (1) 400 PCZ500	450 AMP20  400  . nd all the cono  450 BCZ4 (1)  450 BC8 (1)	500 AMP20 450 - densate collect 500 BCZ4 (1) 500 BC8 (1)	550 AMP20  500 cion trays.  550 BC74 (1)  550 BC8 (1)	700 AMP20  550 700 BCZ4 (1)  700 BC8 (1)  700 PCZ800	750 AMP20 750 T50 BCZ4 (1) 750 BC8 (1) 750 PCZ800	900 AMP20 900 - 900 BCZ4(1) 900 BC9(1)	950 AMP2 950  • 950 BC74 (1) 950 BC9 (1)
VJP090M (2) VJP150 (1) VJP150 M (2) (1) 230V~50Hz (2) 24V  Wall mounting kit  Ver H,HP  Condensate drainage  Model DSC4 (1) (1) DSC4 cannot be mounted if even just or  Condensate drip  Ver HP (1) For vertical installation.  Ver HP (1) For horizontal installation.  Panel closing the rear of the Ver H,HT  Grille also applicable for floor Ver	H,HP,HT H,HP,HT H,HP,HT H,HP,HT  200 AMP20  Ver HP ne of these accessor BCZ4 (1)  200 BC8 (1)  vunit 200 PCZ200 or installatio 200	200	250 . Illed: AMP - AM 300 BCZ4 (1) 300 BC8 (1) 300 PC300	300	350 -2-3-4 X4L/R a 400 BCZ4 (1) 400 BC8 (1) 400 PCZ500	450 AMP20  400 - nd all the cond  450 BCZ4 (1)  450 BC8 (1)  450 PCZ500	500 AMP20 450 • densate collect 500 BCZ4 (1) 500 BC8 (1)	550 AMP20  500 - ion trays.  550 BCZ4 (1)  550 PCZ500	700 AMP20  550 700 BCZ4 (1)  700 BCS (1)  700 PCZ800	750 AMP20 750 FCZ800 750 750 AMP20 A	900 AMP20 900 - 900 BCZ4(1)  900 BC9(1)	950 950 950 950 950 950 950 950
VJP090M (2) VJP150 (1) VJP150M (2) (1) 230V~50Hz (2) 24V Wall mounting kit Ver H,HP  Condensate drainage Model DSC4 (1) (1) DSC4 cannot be mounted if even just or Condensate drip Ver HP (1) For vertical installation. Ver HP (1) For horizontal installation. Panel closing the rear of the Ver H,HT Grille also applicable for floor	H,HP,HT H,HP,HT H,HP,HT  200 AMP20  Ver HP ne of these accessor 200 BC24 (1)  200 BC8 (1)  vuit 200 PC7200 prinstallatio	200 · ies is also insta 250 BCZ4 (1) 250 BC8 (1) 250 PCZ200	250 . Illed: AMP - AM 300 BCZ4 (1) 300 BC8 (1)  300 PCZ300	300 · · AMP20 300 · · APZ valve VCZ1 350 BCZ4 (1) 350 BC8 (1) 350 PCZ300	3502-3-4 X4L/R a 400 BCZ4 (1) 400 BCS (1) 400 PCZ500	450 AMP20  400  . nd all the cono  450 BCZ4 (1)  450 BC8 (1)	500 AMP20 450 - densate collect 500 BCZ4 (1) 500 BC8 (1)	550 AMP20  500 cion trays.  550 BC74 (1)  550 BC8 (1)	700 AMP20  550 700 BCZ4 (1)  700 BC8 (1)  700 PCZ800	750 AMP20 750 T50 BCZ4 (1) 750 BC8 (1) 750 PCZ800	900 AMP20 900 - 900 BCZ4(1) 900 BC9(1)	950 950 950 950 950 950 950 950
VJP090M (2) VJP150 (1) VJP150M (2) (1) 230V~50Hz (2) 24V Wall mounting kit  Ver H,HP  Condensate drainage Model DSC4 (1) (1) DSC4 cannot be mounted if even just or Condensate drip  Ver HP (1) For vertical installation.  Ver HP (1) For horizontal installation.  Panel closing the rear of the Ver H,HT  Grille also applicable for floor Ver H,HP,HT	H,HP,HT H,HP,HT H,HP,HT  200 AMP20  Ver HP ne of these accessor 200 BCZ4(1)  200 BC8(1) e unit 200 PCZ200 or installatio 200 GA200	200	250 . Illed: AMP - AM 300 BCZ4 (1) 300 BC8 (1) 300 PC300	300	350 -2-3-4 X4L/R a 400 BCZ4 (1) 400 BC8 (1) 400 PCZ500	450 AMP20  400 - nd all the cond  450 BCZ4 (1)  450 BC8 (1)  450 PCZ500	500 AMP20 450 • densate collect 500 BCZ4 (1) 500 BC8 (1)	550 AMP20  500 - ion trays.  550 BCZ4 (1)  550 PCZ500	700 AMP20  550 700 BCZ4 (1)  700 BCS (1)  700 PCZ800	750 AMP20 750 FCZ800 750 750 AMP20 A	900 AMP20 900 - 900 BCZ4(1)  900 BC9(1)	950 950 950 950 950 950 950 950
VJP090M (2) VJP150 (1) VJP150M (2) (1) 230V~50Hz (2) 24V Wall mounting kit Ver H,HP  Condensate drainage Model DSC4 (1) (1) DSC4 cannot be mounted if even just or Condensate drip Ver HP (1) For vertical installation. Ver HP (1) For horizontal installation. Panel closing the rear of the Ver H,HT  Grille also applicable for floor	H,HP,HT H,HP,HT H,HP,HT  200 AMP20  Ver HP ne of these accessor 200 BCZ4(1)  200 BC8(1) e unit 200 PCZ200 or installatio 200 GA200	200	250 . Illed: AMP - AM 300 BCZ4 (1) 300 BC8 (1) 300 BC8 (1) 300	300	350 -2-3-4 X4L/R a 400 BCZ4 (1) 400 BC8 (1) 400 PCZ500	450 AMP20  400 - nd all the cond  450 BCZ4 (1)  450 BC8 (1)  450 PCZ500	500 AMP20 450 • densate collect 500 BCZ4 (1) 500 BC8 (1)	550 AMP20  500 - ion trays.  550 BCZ4 (1)  550 PCZ500	700 AMP20  550 700 BCZ4 (1)  700 BCS (1)  700 PCZ800	750 AMP20 750 FCZ800 750 750 AMP20 A	900 AMP20 900 - 900 BCZ4(1)  900 BC9(1)	950 AMP20 950 S 950 BCZ4 (1 950 BC9 (1)

Ventilcassaforma Ver	200	)	250		300		350		400	4	50	500	)	550		700		750		900	q	950
HP	CHF2		CHF22	<u>)</u>	CHF32		CHF32		HF42		F42	CHF4		CHF4		CHF62		CHF62		HF62		HF62
Brackets to fix the fan coil to	the flo	or.																				
Ver	200		250		300		350		400	4:	50	500	)	550		700		750		900	9	950
H,HT	SPC	Z	SPCZ		SPCZ		SPCZ	9	SPCZ		CZ	SPC		SPCZ		SPCZ		SPCZ		SPCZ	S	PCZ
Pair of stylish structural feet																						
Ver	200	)	250		300		350		400	4:	50	500	)	550		700		750		900	9	950
н,нр,нт	ZXZ		ZXZ		ZXZ		ZXZ		ZXZ	Z	ΧZ	ZXZ		ZXZ		ZXZ		ZXZ		ZXZ	Ž	ZXZ
PERFORMANCE SPECIF	CATIO	NIC																				
2-pipe	ICATIC	JNS																				
		F	CZI200	Н	F	CZ1250	Н		CZI300H		ı	CZ13501	1		CZ1400I	Н		CZ1450	1	F	CZ1500	Н
		1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
Heating performance 70 °C / 60 °C (1)		L	M	Н	L	М	Н	L	М	Н	L	M	Н	L	М	Н	L	М	Н	L	M	Н
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	5,27	7,31	8,50
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	462	641	745
Pressure drop system side	kPa	6	12	18	7	15	23	7	12	18	8	14	20	9	16	24	6	11	16	12	21	28
Heating performance 45 °C / 40 °C (2)	1244	1.00	4	4.04	4.00	4 =0	2.04	4 70	2.24	2.72	4.03	2	201	2.11	2.05	2.55	2.27	2.12	2.00	2 (2	2 12	
Heating capacity Water flow rate system side	kW I/h	1,00	1,46 254	1,84 319	1,09	1,58 274	2,01 350	1,72	2,21 385	2,73 475	1,87 325	2,44 425	3,06 531	2,14 373	2,85 495	3,55 617	2,27 394	3,12 543	3,88 675	2,62 455	3,63 631	4,22 734
Pressure drop system side	kPa	6	12	18	8	15	22	8	12	18	8	14	20	10	16	24	394 6	343 11	16	12	21	28
Cooling performance 7 °C / 12 °C	KI U	v	14	10		13			12	10		-17		10	10		V		10	14		20
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	2,68	3,69	4,25
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	1,94	2,73	3,18
Water flow rate system side	I/h	153	221	275	182	267	334	288	374	456	350	460	560	379	503	619	414	552	694	460	634	731
Pressure drop system side Fan	kPa	7	13	18	8	17	25	8	13	18	11	18	25	10	17	24	9	15	22	13	23	29
Туре	type										(	entrifug	 al									
Fan motor	type											Inverter	-									
Number	no.		1			1			2			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	400	600	720
Input power	W %	5 44	- 8 - 68	90	5 44	- 8 - 68	90	5 52	7 70	13 90	5 52	7 70	13 90	5 49	10 68	18 90	5 49	10 68	18 90	7 50	18 74	34 90
Signal 0-10V  Diametre hydraulic fittings	70	44	00	90	44	00	90	J 32	70	90	JZ	70	90	49	00	90	49	00	90	30	- /4	90
Туре	type											Gas - F										
Main heat exchanger	Ø		1/2"			1/2"			3/4"			3/4"			3/4"			3/4"			3/4"	
Fan coil sound data (3)	ID(A)	25.0				44.0				10.0	240			27.0			27.0					
Sound power level Sound pressure	dB(A) dB(A)	35,0 27,0	46,0 38,0	51,0 43,0	35,0 27,0	46,0 38,0	51,0 43,0	34,0 26,0	41,0 33,0	48,0 40,0	34,0 26,0	41,0 33,0	48,0 40,0	37,0 29,0	44,0 36,0	51,0 43,0	37,0 29,0	44,0 36,0	51,0 43,0	42,0 34,0	51,0 43,0	56,0 48,0
Power supply	UD(A)	27,0	30,0	43,0	27,0	30,0	43,0	20,0	33,0	40,0	20,0	33,0	40,0	29,0	30,0	43,0	29,0	30,0	43,0	34,0	43,0	40,0
Power supply											2	30V~50H	łz									
			FCZ	1550H		Т	FC	Z1700H		Т		CZ17501	1	T		FCZ190	DH	Т		FCZ19	50H	
		1		2	3	1		2	3		1	2	3	-	1	2		3	1	2		3
H-4:		L		М	Н	L		М	Н		L	М	Н		L	M		Н	L	M		Н
Heating performance 70 °C / 60 °C (1) Heating capacity	kW	5,82	9	1,34	9,75	6,5	50	8,10	10,00	7	,19	9,15	11,5	50	10,77	13,35	1	5,14	11,20	14,4	17	17,10
Water flow rate system side	I/h	510		731	855	57		710	877		31	802	100		945	1171		328	982	126		1500
Pressure drop system side	kPa	10		20	26	1.	2	18	26		14	21	31		12	17		22	16	25	;	33
Heating performance 45 °C / 40 °C (2)																						
Heating capacity	kW	2,89		,14	4,85	3,3		4,03	4,97	_	,57	4,55	5,7	_	5,35	6,64		,53	5,57	7,1		8,50
Water flow rate system side Pressure drop system side	I/h kPa	502 10		720 20	842 26	56		699 18	863 26		521 14	790 20	993	_	930	1152 17		307	967 15	124		1476 33
Cooling performance 7 °C / 12 °C	Kra	10		20	20	1.		10	20		14	20	31		12	- 1/		ZZ	13	Z <sup>2</sup>	+	- 33
Cooling capacity	kW	2,91	4	l,13	4,79	3,2	22	3,90	4,65	3	,95	4,80	5,6	7	4,29	5,00	6	,91	5,77	7,3	2	8,60
Sensible cooling capacity	kW	2,07		,98	3,49	2,5		3,17	3,92		,78	3,43	4,1		2,97	3,78		,68	3,80	4,8		5,78
Water flow rate system side	l/h	501		711	824	55		671	800		595	825	97:		738	860		189	992	125		1479
Pressure drop system side	kPa	12		22	28	1.	4	19	26		15	21	28	3	10	13		22	15	23	}	30
<b>Fan</b> Type	type										(	entrifug	al									
Fan motor	type											Inverter									-	
Number	no.			2				3				3				3				3		
Air flow rate	m³/h	400		500	720	52		720	900		520	720	90	_	700	930		140	700	93		1140
Input power	W	7		18	34	3		40	80		30	40	80	_	30	40		80	30	40		80
	%	50		74	90	5	б	72	90	1 .	56	72	90	)	56	72		90	56	72	<u>!</u>	90
Signal 0-10V	70	- 50																				
Diametre hydraulic fittings Type	type	- 50										Gas - F										

		FCZI550H			FCZI700H			FCZI750H				FCZI900H				
Fan coil sound data (3)																
Sound power level	dB(A)	42,0	51,0	56,0	42,0	51,0	57,0	42,0	51,0	57,0	51,0	57,0	62,0	51,0	57,0	61,0
Sound pressure	dB(A)	34,0	43,0	48,0	34,0	43,0	49,0	34,0	43,0	49,0	43,0	49,0	54,0	43,0	49,0	53,0
Power supply																
Power supply									230V~50Hz							

- (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	700	750	900	950
Dimensions and weights														
Λ.	H,HT	mm	486	486	486	486	486	486	486	486	486	486	591	591
A	HP	mm	216	216	216	216	216	216	216	216	216	216	216	216
D	H,HT	mm	750	750	980	980	1200	1200	1200	1200	1320	1320	1320	1320
D	HP	mm	522	522	753	753	973	973	973	973	1122	1122	1122	1122
(	H,HT	mm	220	220	220	220	220	220	220	220	220	220	220	220
	HP	mm	453	453	453	453	453	453	453	453	453	453	558	558
D	H,HT	mm	90	-	90		90	-	90	-	90	-	90	90
U	HP	mm	562	-	793	-	1013	-	1013	-	1147	-	1147	1147
Emptywaight	H,HT	kg	15	16	17	18	22	24	22	24	29	31	34	34
Empty weight	HP	kg	12	14	14	16	20	22	23	24	26	31	32	32

















# **FCZIP**

# Fan coil unit for ducted installations

Cooling capacity 0,89 ÷ 8,60 kW Heating capacity 2,02 ÷ 17,02 kW



- Electric saving equal to 50% with respect to a fan coil with 3-speed motor
- Suitable for duct-type installations too
- Total comfort: reduced variations in temperature and relative humidity
- Vertical and horizontal installation
- Very quiet





#### **DESCRIPTION**

fan coil can be installed in any 2/4 pipe system and operates with any heat generator even at low temperatures, and thanks to varied versions and settings, it is easy to pick the ideal solution for any need.

## **FEATURES**

### **Ventilation group**

Centrifugal fans in anti-static plastic material with aerofoil profile designed to achieve high airflows and pressures whilst at the same time producing low noise.

Their characteristics permit energy savings compared to conventional fans. They are statically and dynamically balanced and directly coupled to the motor shaft.

The Brushless electric motor with 0-100% continuous speed variation, which allows precise adaptation to the real demands of the internal environment without temperature fluctuations.

# Finned pack heat exchanger

With copper pipes and aluminium louvers, the standard or oversized heat exchanger and the possible secondary heat exchanger have 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.

Reversibility of the water connections during installation only for units with a standard or boosted main heat exchanger, or standard with BV accessory. Not reversible in all other configurations. In any case, units with the coil water connections on the right are available at the time of ordering.

# Condensate drip

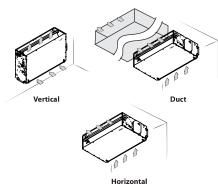
Provided standard in plastic and fixed to the interior structure; with external condensate discharge.

#### Air filter

Air filter class Coarse 25% for all versions easy to pull out and clean.

#### **VERSIONS**

# Flush-mounting and duct-type versions



In the standard configuration there is no useful static pressure available. If necessary for canaled installations, you must act on the engine dip switches, for more details refer to the technical documentation.

#### **GUIDE TO SELECTING THE POSSIBLE CONFIGURATIONS**

Field	Description
1,2,3,4	FCZI
5	<b>Size</b> 2, 3, 4, 5, 7, 9
6	main heat exchanger
0	Standard
5	Oversized
7	Secondary heat exchanger

Field	Description
0	Without coil
1	Standard
2	Oversized
8	Version
Р	Flush-mounting, without cabinet
PR	Flush-mounting, without cabinet, with water connections on right-hand side

#### SIZE AVAILABLE FOR VERSION

Size		200	201	202	250	300	301	302	350	400	401	402	450
Versions produced (by size)													
Versions available (by size)	P,PR	•	•	•	•	•	•	•	•	•	•	•	•
		500	501	502	550	700	701	702	750	900	901	950	
Versions produced (by size)													
Versions available (by size)	P,PR	•	•	•	•		•	•	•	•	•		

#### **ACCESSORIES**

## **Control panels**

**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.

**PXAI:** Thermostat on the machine for controlling the fan coils (both with asynchronous and brushless motors), complete with water and air probes to be positioned in the relative seats, and a plastic support to fix it on the side of the unit. In 2-pipe systems, the thermostat can control standard fan coils or those equipped with an electric heater, purifier devices (Cold Plasma and germicidal lamp), or radiant plate.

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

**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 (Dualiet).

#### **AerSuite**

The AerSuite application is used to remotely control the DI24 user interface, with VMF-E19/VMF-E19I thermostats, using Smart Devices with iOS and Android operating systems.

This is an application for Smartphones and Tablets with which the user can access and control the system operation remotely.

For more information about the use of the application and the available functions, refer to the respective documentation on the website.



#### **VMF** system

**D124:** Flush-mounted interface (503 box) with 2.4" touch screen display to be combined with VMF-E19, VMF-E19I accessories. It allows you to regulate and monitor the temperature inside rooms precisely and on time; in addition to accessing and interacting with your system's operating information, parameters and alarms, it allows you to set time slots. Thanks to its Wi-Fi connection, D124 in combination with the AerSuite APP (available for Android and iOS) can also be remotely controlled. All programming and most functions are done in a simple and intuitive way using the APP. It is supplied with a graphite grey plate; however, to allow the interface to be customised so that it fits in perfectly with the style of any home, D124 is compatible with plates of the major brands available on the market, for more information please refer to our documentation.

**VMF-E19I:** Thermostat for inverter unit to be fixed on the side of the fan coil, fitted as standard with an air and water probe.

**VMF-E3:** Wall mounted user interface, to be combined with accessories VMF-E19, VMF-E19I, with grids GLF\_N/M and GLL\_N, can be controlled with VMF-IR control.

**VMF-E4DX:** Wall-mounted user interface. Grey front panel PANTONE 425C (METAL).

VMF-E4X: Wall-mounted user interface. Light grey front panel PANTONE COOL GRAY 1C

**VMF-IR:** User interface compatible with the AER503IR, VMF-E3 thermostat and with all the grids of cassettes equipped with the infrared receiver compatible with the VMF system.

**VMF-SW:** Water probe (L=2.5m) used if required in place of the standard unit supplied with the VMF-E19 and VMF-E19I thermostats for mounting it upstream of the valve.

 $\overline{\text{VMF-SW1:}}$  Additional water probe (L = 2.5m) to be used if required for 4-pipe systems with the VMF-E19 and VMF-E19I thermostats for maximum control in the cold range

VMHI: The VMHI panel can be used as a user interface for VMF-E19/E19I thermostats, GLFxN/M or GLLxN grids, or as an interface for the MZC system. What determines the function to be performed by the user interface is determined by its correct parametrisation and by following the electrical connections between interface and thermostat or interface and plenum.

#### Water valves

VCZ\_X: 3-way valve kit for single-coil fan coil, RH connections, (VCZ\_X4R) or LH (VCZ\_X4L) for 4-pipe systems. With totally separate "heating" and "cooling" circuits. This kit consists of two 3-way insulated valves and four connections, complete with electrothermal actuators, insulating shells for the valves, and the relative hydraulic couplings. X4L version for fan coils with LH connections, and X4R for fan coils with RH connections. 230V~50Hz

VCZ41: 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.

VCZ4124: 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.

VCZ42: 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.

VCZ4224: 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.

VCZ43: 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.

VCZ4324: 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.

VCF44 - 45 - for secondary heat exchanger: The 3-way motorised valve kit for the secondary coil heat only. The kit consists of a valve with its insulating shell, actuator and relevant water fittings; it is suitable to be installed on the fan coils with right and left water connections.

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.

**VJP:** Control and balancing combination valve for 2 and 4 pipe systems to install outside the unit, supplied without fittings and hydraulic components. The valve, which can guarantee a constant water flow rate in the terminal, within its operating range.

# (Heating only) additional coil

BV: Hot water heat exchanger with 1 row.

#### **Installation accessories**

AMP: Wall mounting kit

DSC: Condensate drainage device.

BC: Condensate drip.

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. Ventilcassaforma: Galvanised sheet metal template. It makes it possible to

obtain directly in the wall a space for housing the fan coil.

MZA: Cabinet housing with fixed fins.

MZU: Cabinet housing with adjustable fins.

GA: Intake grid with fixed louvers

GAF: Intake grid with filter and fixed louvers

GM: Flow grid with adjustable louvers.

PA: Intake plenum in galvanised sheet metal, complete with suction couplings for circular-section ducts.

PAF: Intake plenum providing recovery and delivery on the same side, for all installations where the machine needs to be positioned outside the air conditioned rooms to minimise the noise levels and facilitate maintenance.

PM: Galvanised sheet steel flow plenum, externally insulated, equipped with plastic flow fittings for ducts and circular sections.

RD: Straight delivery coupling for canalisation.

**RDA:** Straight suction coupling for canalisation.

RP: 90° delivery coupling. RPA: 90° suction coupling.

#### **Accessories for ducting**

MZC: Plenum with motorised dampers.

RDA\_V: Straight intake connection with rectangular flange.

RPA\_V: Suction plenum with rectangular flange; both sides have a circular push-out Ø 150mm that can be removed.

**RDA\_C:** Straight intake connection with circular flanges.

PA\_V: Suction plenum with circular plastic flanges; both sides have a circular push-out Ø 150mm that can be removed.

PM\_V: Internally insulated delivery plenum with circular flanges; both sides have a circular push-out Ø 150mm that can be removed.

RPM\_V: Internally insulated delivery plenum with rectangular flange; both sides have a circular push-out Ø 150mm that can be removed.

**RDM\_V:** Straight delivery coupling in galvanised sheet metal.

**RDM\_C:** Straight discharge internally insulated, with circular flanges.

#### **ACCESSORIES COMPATIBILITY**

## **Control panels**

Model	Ver	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550	700	701	702	750	900	901	950
AER503IR (1)	P,PR	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
PR0503	P,PR	•	•					•	•						•	•				•	•	•		
PXAI	P,PR																							
SA5 (2)	P,PR																							
SW3 (2)	P,PR																							
SW5 (2)	P,PR																							
TX (3)	P,PR															•								

<sup>(1)</sup> Wall-mount installation.

For more information about VMF system, refer to the dedicated documentation.

#### VMF system

Model	Ver	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550	700	701	702	750	900	901	950
DI24	P,PR	•	•		•	•			•	•	•	•	•	•		•	•						•	•
VMF-E19I (1)	P,PR	•																		•		•		•
VMF-E3	P,PR	•												•		•				•	•	•		•
VMF-E4DX	P,PR	•																		•	•	•		•
VMF-E4X	P,PR																			•	•	•		•
VMF-IR	P.PR																							

<sup>(2)</sup> Probe for AERSO3IR-TX thermostats, if fitted.
(3) 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.

Model	Ver	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550	700	701	702	750	900	901	950
VMF-SW	P,PR	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•				•	•
VMF-SW1	P,PR	•		•	•	•	•	•			•	•			•				•				•	•
VMHI	P,PR	•							•	•				•							•	•	•	•

(1) Mandatory accessory.

# **Water valves**

# Valve Kit for 4 pipe systems

Model	Ver	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550	700	701	702	750	900	901	950
VCZ1X4L (1)	P,PR	•			•																			
VCZ1X4R (1)	P,PR	•																						
VCZ2X4L (1)	P,PR								•	•			•				•				•			
VCZ2X4R (1)	P,PR									•							•				•			
VCZ3X4L (1)	P,PR																							
VCZ3X4R (1)	P,PR																							•

(1) The valves can be combined with the units if there is a control panel for managing them.

# 3 way valve kit

o may raire mit												
	200	201	202	250	300	301	302	350	400	401	402	450
Main coil	VCZ41	VCZ41	VCZ41	VCZ41	VCZ42							
Main coll	VCZ4124	VCZ4124	VCZ4124	VCZ4124	VCZ4224							
C		VCF44	VCF44			VCF44	VCF44			VCF44	VCF44	
Secondary coil	-	VCF4424	VCF4424	-	-	VCF4424	VCF4424	-	-	VCF4424	VCF4424	-
A -l -l'   ! 1 // D W//	VCF44				VCF44				VCF44			
Additional coil "BV"	VCF4424	-	-	-	VCF4424	-	-	-	VCF4424	-	-	-
	500	501	502	550	700	701	702	750	900	901	950	
Main coil	VCZ42	VCZ43	VCZ43	VCZ43								
Main coil	VCZ4224	VCZ4324	VCZ4324	VCZ4324								
Cd		VCF44	VCF44			VCF44	VCF44			VCF45		
Secondary coil	-	VCF4424	VCF4424	-	-	VCF4424	VCF4424	-	-	VCF4524	-	
A 4.444 1 1 // DW//	VCF44				VCF44				VCF45			
Additional coil "BV"	VCF4424	-	-	-	VCF4424	-	-	-	VCF4524	-	-	

VCF41 - 42 - 43; VCF44 - 45 (230V~50Hz) VCF4124 - 4224 - 4324; VCF4424 - 4524 (24V)

## 2 way valve kit

200	201	202	250	300	301	302	350	400	401	402	450
VCZD1	VCZD1	VCZD1	VCZD1	VCZD2	VCZD2	VCZD2	VCZD2	VCZD2	VCZD2	VCZD2	VCZD2
VCZD124	VCZD124	VCZD124	VCZD124	VCZD224	VCZD224	VCZD224	VCZD224	VCZD224	VCZD224	VCZD224	VCZD224
	VCFD4	VCFD4			VCFD4	VCFD4			VCFD4	VCFD4	
-	VCFD424	VCFD424	-	-	VCFD424	VCFD424	-	-	VCFD424	VCFD424	-
VCFD4				VCFD4				VCFD4			
VCFD424	-	-	-	VCFD424	-	-	-	VCFD424	-	-	-
500	501	502	550	700	701	702	750	900	901	950	
VCZD2	VCZD2	VCZD2	VCZD2	VCZD2	VCZD2	VCZD2	VCZD2	VCZD3	VCZD3	VCZD3	
VCZD224	VCZD224	VCZD224	VCZD224	VCZD224	VCZD224	VCZD224	VCZD224	VCZD324	VCZD324	VCZD324	
	VCFD4	VCFD4			VCFD4	VCFD4			VCFD4		
-	VCFD424	VCFD424	-	-	VCFD424	VCFD424	-	-	VCFD424	-	
VCFD4				VCFD4				VCFD4			
VCFD424	-	-	-	VCFD424	-	-	-	VCFD424	-	-	
	VCZD124 - VCFD4 VCFD424  500 VCZD2 VCZD224 - VCFD4	VCZD1 VCZD124 VCZD124 VCZD124 VCFD4 VCFD4 VCFD424 VCFD424 VCZD22 VCZD2 VCZD224 VCZD224 VCFD424 VCFD44 VCFD44	VCZD1         VCZD1         VCZD124           VCZD124         VCZD124         VCZD124           VCFD4         VCFD4         VCFD424           VCFD424         VCFD424         VCFD424           VCFD424         VCFD424         VCFD424           S00         S01         S02           VCZD2         VCZD2         VCZD2           VCZD24         VCZD224         VCZD224           VCFD4         VCFD4         VCFD424           VCFD4         VCFD424         VCFD424	VCZD1         VCZD1         VCZD1         VCZD124           VCZD124         VCZD124         VCZD124         VCZD124           VCFD4         VCFD4         VCFD424           VCFD4         VCFD424         VCFD424           VCFD4         VCFD424         VCFD424           S00         501         502         550           VCZD2         VCZD2         VCZD2         VCZD2           VCZD24         VCZD224         VCZD224         VCZD224           VCFD4         VCFD42         VCFD424         VCFD424           VCFD4         VCFD424         VCFD424         VCFD424	VCZD1         VCZD1         VCZD1         VCZD1         VCZD12           VCZD124         VCZD124         VCZD124         VCZD124         VCZD224           VCFD4         VCFD4         VCFD424         VCFD424           VCFD4         VCFD424         VCFD424         VCFD424           VCFD424         VCFD424         VCFD424         VCFD424           500         501         502         550         700           VCZD2         VCZD2         VCZD2         VCZD2         VCZD2           VCZD24         VCZD224         VCZD224         VCZD224         VCZD224           VCFD4         VCFD424         VCFD424         VCFD424         VCFD424           VCFD4         VCFD424         VCFD424         VCFD44	VCZD1         VCZD1         VCZD1         VCZD1         VCZD2         VCZD24           VCZD124         VCZD124         VCZD124         VCZD124         VCZD224         VCZD224           VCFD4         VCFD4         VCFD4         VCFD4         VCFD4           VCFD4         VCFD424         VCFD424         VCFD424           VCFD4         VCFD424         VCFD424         VCFD424           VCFD424         VCFD424         VCFD424         VCFD424           S00         S01         S02         S50         700         701           VCZD2         VCZD2         VCZD2         VCZD2         VCZD2         VCZD2           VCZD24         VCZD224         VCZD224         VCZD224         VCZD224         VCZD224         VCFD424           VCFD4         VCFD424         VCFD424         VCFD424         VCFD424         VCFD424           VCFD4         VCFD424         VCFD44         VCFD44         VCFD44         VCFD44	VCZD1         VCZD1         VCZD1         VCZD1         VCZD2         VCZD2         VCZD2         VCZD24         VCZD4         VCFD4         VCFD42         VCFD42         VCFD424         VCZD2         VCZD24         VCZD224         VCZD22	VCZD1         VCZD1         VCZD1         VCZD1         VCZD2         VCZD2         VCZD2         VCZD2         VCZD24         VCZD24         VCZD24         VCZD224         VCFD424         VCZD22         VCZD22         VCZD22         VCZD22         VCZD22         VCZD22         VCZD22         VCZD22         VCZD22         VCZD224         V	VCZD1         VCZD1         VCZD1         VCZD1         VCZD2         VCZD2         VCZD2         VCZD2         VCZD2         VCZD2         VCZD224         VCFD424         VCFD424	VCZD1         VCZD1         VCZD1         VCZD1         VCZD2         VCZD2         VCZD2         VCZD2         VCZD2         VCZD2         VCZD22         VCZD22         VCZD22         VCZD22         VCZD22         VCZD224         VCFD424         VCFD424 <t< td=""><td>VCZD1         VCZD1         VCZD1         VCZD1         VCZD2         VCZD224         VCZD24         VCFD424         VCFD424&lt;</td></t<>	VCZD1         VCZD1         VCZD1         VCZD1         VCZD2         VCZD224         VCZD24         VCFD424         VCFD424<

VCZD1 - 2 - 3; VCFD4 (230V~50Hz) VCZD124 - 224 - 324; VCF424 (24V)

# Combined Adjustment and Balancing Valve Kit

Model	Ver	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550	700	701	702	750	900	901	950
VJP060 (1)	P,PR		•	•		•	•		•				150					,,,,	,,,,	,,,,	,,,,	,,,,		
VJP060M (2)	P,PR																							
VJP090 (1)	P,PR																							
VJP090M (2)	P,PR																							
VJP150 (1)	P,PR																							•
VJP150M (2)	P,PR																				•		•	•

(1) 230V~50Hz (2) 24V

# (Heating only) additional coil

# Heating only additional coil

Model	Ver	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550	700	701	702	750	900	901	950
BV122 (1)	P,PR																							
BV132 (1)	P,PR																							
BV142 (1)	P,PR																							
BV162 (1)	P,PR																					•		

Model	Ver	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550	700	701	702	750	900	901	95
BVZ800 (1)	P,PR	200						- 7=		.,,,			.50	- 70				•						
Not available for si		nain coil																						
		iaiii Coii.																						
nstallation a	ccessories																							
Wall mounting	kit																							
Model	Ver	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550	700	701	702	750	900	901	9:
AMP20	P,PR			•				•		•			•	•	•									
AMPZ	P,PR																							
Condensate dr	ip																							
Model	Ver	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550	700	701	702	750	900	901	ç
3CZ4 (1)	P,PR	•		•	•	•	•		•		•	•				•	•			•			•	
3CZ5 (2)	P,PR						•				•									•				
3CZ6 (2)	P,PR																							
1) For vertical installa	ation.																							
For horizontal insta																								
Model	Ver	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550	700	701	702	750	900	901	9
3C8 (1)	P,PR																							
BC9 (1)	P,PR																							
For horizontal insta	allation																							
,																								
Condensate re																								
Model	Ver	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550	700	701	702	750	900	901	_
DSCZ4 (1)	P,PR	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
1) DSCZ4 due to space		e unit, the	VCZ1-2	!-3-4 X4I	L/R valv	es cann	ot be mo	ounted t	ogether	with th	e amp/	AMPZ ac	cessorie	s, with a	all the co	ondensa	ite collec	ction tra	ys. With	the VIV	1F-E19/E	19I ther	mostat	ts, p
contact the head o	thce.																							
<b>Ventilcassafor</b>	ma																							
Model	Ver	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550	700	701	702	750	900	901	- 9
CHF22	P,PR	•																						
THF32	P,PR																							
HF42	P,PR									•			•											
CHF62	P.PR																							
Cabinet housir	ng with fixed	fins.																						
Model	Vor	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550	700	701	702	750	900	901	9
	Ver	200																						
	P,PR	200	•																					
MZA200	P,PR				•																			
MZA200 MZA300	P,PR P,PR				•	•	•	•	•	_	•													
MZA200 MZA300 MZA500	P,PR P,PR P,PR				•	•	•	•	•	•	•	•	•	•	•	•	•				•			
MZA200 MZA300 MZA500 MZA800	P,PR P,PR P,PR P,PR				•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
MZA200 MZA300 MZA500 MZA500 MZA900	P,PR P,PR P,PR				•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
MZA200 MZA300 MZA500 MZA800 MZA900	P,PR P,PR P,PR P,PR P,PR	•	•		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
MZA200 MZA300 MZA500 MZA800 MZA900 Cabinet housir	P,PR P,PR P,PR P,PR P,PR mg with adjus	table f	ins.	•						400	401	. 402	450	500	501	. 502						. 900		
MZA200 MZA300 MZA500 MZA800 MZA900 Cabinet housir Model	PPR PPR PPR PPR PPR PPR Ver	•	•		250	300	301	302	350	400	401	402	450	500	501	502	550	700	701	702	750	. 900	. 901	
MZA200 MZA300 MZA500 MZA800 MZA900 <b>Cabinet housir</b> <b>Model</b> MZU100	PPR PPR PPR PPR PPR PPR <b>DPR</b> <b>Ver</b> PPR	table fi	ins.	202	250	300		302	350	400	401	402	450	500	501	502						900		
MZA200 MZA300 MZA500 MZA800 MZA900 Cabinet housir Model MZU100 MZU300	PPR	table fi	ins.	202	250		301			400	401	402	450	500	501	502						900		
MZA200 MZA300 MZA500 MZA800 MZA900 Cabinet housir Model MZU100 MZU300 MZU300 MZU500	PPR	table fi	ins.	202	250	300	301	302	350	400	401	402	450	500	501	502		700	701	702	750	900		-
MZA200 MZA300 MZA500 MZA800 MZA900 <b>Cabinet housir</b> <b>Model</b> MZU100 MZU300 MZU300 MZU500 MZU800	PPR	table fi	ins.	202	250	300	301	302	350	400	401	402	450	500	501	502							901	(
MZA200 MZA300 MZA500 MZA800 MZA900 <b>Cabinet housir</b> <b>Model</b> MZU100 MZU300 MZU300 MZU300	PPR	table fi	ins.	202	250	300	301	302	350	400	401	402	450	500	501	502		700	701	702	750	900		(
MZA200 MZA300 MZA500 MZA800 MZA900 Cabinet housir Model MZU100 MZU300 MZU300 MZU800 MZU900	PPR	table fi 200	ins. 201	202	250	300	301	302	350	400	401	402	450	500	501	502		700	701	702	750		901	•
MZA200 MZA300 MZA500 MZA800 MZA800 MZA900  Cabinet housir Model MZU100 MZU300 MZU300 MZU500 MZU800 MZU900  WAII mountir	PPR	table fi 200	ins. 201	202	250	300	301	302	350	400	401	402	450	500	501	502		700	701	702	750		901	ç
MZA200 MZA300 MZA500 MZA800 MZA800 MZA900  Cabinet housir Model MZU100 MZU300 MZU300 MZU300 MZU500 MZU500 MZU800 MZU800 MZU900  Wall mountir Lower intake g	PPR	table fi	ins. 201	202	250	300	301	302	350	•	•	•	•	•	•	•	550	700	701	702	750	•	901	
MZA200 MZA300 MZA500 MZA800 MZA800 MZA900  Cabinet housir Model MZU100 MZU300 MZU300 MZU500 MZU800 MZU800 MZU900  Wall mountir Lower intake g	PPR	table fi		202	250 · · · · · · · · · · · · · · · · · · ·	300	301	302	350	400	. 401	. 402	450	500	501	. 502		700	701	702	750		901	
MZA200 MZA300 MZA500 MZA800 MZA800 MZA900  Cabinet housir Model MZU100 MZU300 MZU300 MZU800 MZU900  Wall mountir Lower intake g Model	PPR	table fi	ins. 201	202	250	300	301	302	350	•	•	•	•	•	•	•	550	700	701	702	750	•	901	
MZA200 MZA300 MZA500 MZA800 MZA900 Cabinet housir Model MZU100 MZU300 MZU300 MZU800 MZU900	PPR	table fi		202	250 · · · · · · · · · · · · · · · · · · ·	300	301	302	350	•	•	•	•	•	•	•	550	700	701	702	750	•	901	
MZA200 MZA300 MZA500 MZA800 MZA800 MZA900  Cabinet housir Model MZU100 MZU300 MZU300 MZU900  MZU800 MZU900  Wall mountir Lower intake g Model GA22 GA32	PPR	table fi		202	250 · · · · · · · · · · · · · · · · · · ·	300	301	302	350	•	•	•	•	•	•	•	550	700	701	702	750	•	901	
MZA200 MZA300 MZA500 MZA800 MZA800 MZA900  Cabinet housir Model MZU100 MZU300 MZU300 MZU900  Wall mountir Lower intake g Model GA22 GA32 GA32	PPR	table fi		202	250 · · · · · · · · · · · · · · · · · · ·	300	301	302	350	400	401	402	450	500	501	502	550	700	701	702	750	•	901	
MZA200 MZA300 MZA300 MZA500 MZA800 MZA900  Cabinet housir Model MZU100 MZU300 MZU500 MZU500 MZU900  Wall mountir Lower intake g Model GA22 GA32 GA42 GA62	PPR	ttable fi	. 201	202 · · · · · · · · · · · · · · · · · ·	250 · · · · · · · · · · · · · · · · · · ·	300	301	302	350	400	401	402	450	500	501	502	550	700	701	702	750	900	901	
MZA200 MZA300 MZA300 MZA500 MZA800 MZA800 MZA900  Cabinet housir Model MZU100 MZU300 MZU300 MZU800 MZU900  WAII mountir Lower intake g Model SA22 SA32 SA42 SA62	PPR	ttable fi	. 201	202 · · · · · · · · · · · · · · · · · ·	250 · · · · · · · · · · · · · · · · · · ·	300	301	302	350	400	401	402	450	500	501	502	550	700	701	702	750	900	901	
MZA200 MZA300 MZA300 MZA500 MZA800 MZA800 MZA900  Cabinet housir Model MZU100 MZU300 MZU300 MZU800 MZU900  Wall mountir Lower intake g Model SA22 SA32 SA42 SA62  mtake grilles v	PPR	ttable fi	. 201	202 · · · · · · · · · · · · · · · · · ·	250 · · · · · · · · · · · · · · · · · · ·	300	301	302	350	400	401	402	450	500	501	502	550	700	701	702	750	900	901	•
MZA200 MZA200 MZA300 MZA500 MZA800 MZA800 MZA900  Cabinet housir Model MZU100 MZU300 MZU300 MZU500 MZU500 MZU900  WZU800 MZU800 MZU900  WZU900  WZU900  MZU900  MZU900	PPR	table fi 200	onsta	202 ·	250 · · · · · · · · · · · · · · · · · · ·	300 · · · · · · · · · · · · · · · · · ·	301	302	350	400	401	402	450	500	501	502	550	700	701	702	750	900	901	•
MZA200 MZA300 MZA300 MZA500 MZA800 MZA800 MZA900  Cabinet housir Model MZU100 MZU300 MZU500 MZU500 MZU500 MZU900  MZU800 MZU900  Wall mountir Lower intake g Model SA22 SA32 SA42 SA62  ntake grilles v Model SAF22	PPR	table fi	201	202 · · · · · · · · · · · · · · · · · ·	250 · · · · · · · · · · · · · · · · · · ·	300 · · · · · · · · · · · · · · · · · ·	301	302	350	400	401	402	450	500	501	502	550	700	701	702	750	900	901	•
MZA200 MZA300 MZA500 MZA800 MZA900  Cabinet housir Model MZU100 MZU300 MZU500 MZU800 MZU900  Wall mountir Lower intake g Model GA22	PPR	table fi	201	202 · · · · · · · · · · · · · · · · · ·	250 · · · · · · · · · · · · · · · · · · ·	300	301 301	302	350	400	401	402	450	500	501	502	550	700	701	702	750	900	901	•
MZA200 MZA200 MZA300 MZA500 MZA800 MZA800 MZA900  Cabinet housir Model MZU100 MZU300 MZU300 MZU500 MZU800 MZU900  Wall mountir Lower intake g Model GA22 GA42 GA62 Intake grilles v Model GAF22 GAF32 GAF42	PPR	table fi	201	202 · · · · · · · · · · · · · · · · · ·	250 · · · · · · · · · · · · · · · · · · ·	300	301 301	302	350	400	401	. 402	450	500	501	502	550	700	701	702	750	900	901	•
MZA200 MZA300 MZA300 MZA500 MZA800 MZA800 MZA800 MZA900  Cabinet housin Model MZU100 MZU300 MZU300 MZU800 MZU900  Wall mountin Lower intake g Model GA622 GA62 mtake grilles v Model GAF22 GAF32 GAF42 GAF42 GAF62	PPR	table fi	201	202 · · · · · · · · · · · · · · · · · ·	250 · · · · · · · · · · · · · · · · · · ·	300	301 301	302	350	400	401	. 402	450	500	501	502	550	700	701	702	750	900	901	
MZA200 MZA300 MZA300 MZA500 MZA800 MZA800 MZA800 MZA900  Cabinet housin Model MZU100 MZU300 MZU300 MZU800 MZU900  Wall mountin Lower intake g Model GA622 GA62 mtake grilles v Model GAF22 GAF32 GAF42 GAF42 GAF62	PPR	table fi	201	202 · · · · · · · · · · · · · · · · · ·	250 · · · · · · · · · · · · · · · · · · ·	300	301 301	302	350	400	401	. 402	450	500	501	502	550	700	701	702	750	900	901	•
MZA200 MZA200 MZA300 MZA500 MZA800 MZA800 MZA900  Cabinet housir Model MZU100 MZU300 MZU300 MZU900  MZU900  Wall mountir Lower intake g Model GA22 GA32 GA42 GA62  Intake grilles v Model GAF22 GAF22 GAF22 GAF62  Delivery grilles	PPR	table fi	nsta 201 . nsta 201 .	202 · · · · · · · · · · · · · · · · · ·	250 · · · · · · · · · · · · · · · · · · ·	300	301 301	302	350	400	401	. 402	450	500	501	502	550	700	701	702	750	900	901	•
MZA200 MZA200 MZA300 MZA500 MZA800 MZA800 MZA900  Cabinet housir Model MZU100 MZU300 MZU500 MZU800 MZU900  MZU800 MZU800 MZU900  Wall mountir Lower intake g Model GSA22 GSA42 GSA62 Intake grilles v Model GSAF22 GSAF32 GSAF42 GSAF62  Delivery grilles Model	PPR	table fi	nsta  201 .  nsta  201 .  201 .	202 · · · · · · · · · · · · · · · · · ·	250 · · · · · · · · · · · · · · · · · · ·	300	301	302	350	. 400	401	. 402	. 450	500	501	502	550	700	701	702	750	900	901	9 9 9
MZA200 MZA200 MZA300 MZA500 MZA800 MZA800 MZA900  Cabinet housir Model MZU100 MZU300 MZU500 MZU800 MZU900  Wall mountir Lower intake g Model GA22 GA42 GA42 GA62  Intake grilles v Model GAF22 GAF62  Delivery grilles Model GM220	PPR	table fi	nsta 201 . nsta 201 .	202 · · · · · · · · · · · · · · · · · ·	250 · · · · · · · · · · · · · · · · · · ·	300	301	302	350	. 400	401	. 402	. 450	500	501	502	550	700	701	702	750	900	901	ç
MZA200 MZA200 MZA300 MZA500 MZA800 MZA800 MZA800 MZA900  Cabinet housir Model MZU100 MZU300 MZU300 MZU800 MZU900  WAII mountir Lower intake g Model SA22 SA32 SA42 SA62  ntake grilles v Model SAF22 SAF62  Delivery grilles Model SM22 SAF62  Delivery grilles Model SM22 SM32	PPR	table fi	nsta  201 .  nsta  201 .  201 .	202 · · · · · · · · · · · · · · · · · ·	250 · · · · · · · · · · · · · · · · · · ·	300 · · · · · · · · · · · · · · · · · ·	301 	302	350	400	401	402	450	500	501	502	550	700	701	702	750	900	901	•
MZA200 MZA200 MZA300 MZA500 MZA800 MZA800 MZA800 MZA900  Cabinet housir Model MZU100 MZU300 MZU300 MZU800 MZU900  Wall mountir Lower intake g Model SA22 SA32 SA42 SA62  ntake grilles v Model SAF22 SAF62  Delivery grilles Model	PPR	table fi	nsta  201 .  nsta  201 .  201 .	202 · · · · · · · · · · · · · · · · · ·	250 · · · · · · · · · · · · · · · · · · ·	300 · · · · · · · · · · · · · · · · · ·	301 	302	350	. 400	401	. 402	. 450	500	501	502	550	700	701	702	750	900	901	

	m in sheet met		•																					
Model	Ver	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550	700	701	702	750	900	901	950
PA22	P,PR	•	•	•	•																			
PA32	P,PR					•	•	•	•															
PA42	P,PR									•	•	•	•	•	•	•	•							
PA62	P,PR																	•	•	•	•	•	•	<u> </u>
ntake plenu	m providing re	covery	and	deliv	ery oı	n the	same	side																
Model .	Ver	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550	700	701	702	750	900	901	950
PA22F	P,PR	•	•	•	•																			
PA32F	P,PR																							
PA42F	P,PR																							
PA62F	P,PR																		•			•		
		_																						
	num with circul		_						2.0	***									=					
Model	Ver	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550	700	701	702	750	900	901	950
PM22	P,PR	•	•	•	•																			
PM32	P,PR					•	•	•	•															
PM42	P,PR									•	•	•	•	•	•	•	•							
PM62	P,PR																	•	•	•	•	•	•	
Straight deli	very coupling																							
Model	Ver	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550	700	701	702	750	900	901	950
RD22	P,PR	•	•	•	•																			
RD32	P,PR					•	•	•	•															
RD42	P,PR									•	•	•	•	•	•	•	•							
RD62	P,PR																	•	•	٠	•	•	•	•
Straight suct	ion coupling																							
Model	Ver	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550	700	701	702	750	900	901	950
RDA22	P,PR	•	•		•																			
RDA32	P,PR																							
RDA42	P,PR																							
RDA62	P,PR																							
90° delivery																								
Model	Ver	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550	700	701	702	750	900	901	950
RP22	P,PR	•	•	•	•																			
RP32 RP42	P,PR P,PR					•	•	•	•															
RP62	P,PR									<u> </u>	•	•	<u> </u>	•	<u>.</u>	•	•			-	-			
NFUZ	r,r n																	•	•	•	•	•	•	<u> </u>
90° suction c																								
Model	Ver	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550	700	701	702	750	900	901	950
RPA22	P,PR	•	•	•	•																			
RPA32	P,PR					•	•	•	•															
RPA42	P,PR									•	•	•	•	•	•	•	•							
RPA62	P,PR																	•	•	•	•	•	•	_ •
Accessories	for ducting																							
	motorised dar	npers.																						
Model	Ver	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550	700	701	702	750	900	901	950
MZC220	P,PR					500	301	302	220	,00	701	102	150	500	501	302	550		, , , ,	, ,,	, ,,,,	,,,,	,,,	,,,,
MZC320	P,PR					•		•	•															
MZC530	P,PR						-	-		-				•		•	•							
MZC830	P,PR																							
					_																			
	ke connection						304	202	350	400	404	402	450	F00	F04	F02	F.F.A	700	704	702	750	000	004	
Model	Ver	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550	700	701	702	750	900	901	950
RDA000V	P,PR	•	•	•	•																			
RDA100V	P,PR					•	•	•	•															
RDA200V	P,PR									•	•	•	•	•	•	•	•							
RDA300V	P,PR																	•	•	•	•	•	•	•
Intake plenu	m with rectang	jular fl	ange.																					
Model	Ver	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550	700	701	702	750	900	901	950
RPA000V	P,PR	•	•	•	•																			
2211111	P,PR																							
RPA100V																					_			
RPA100V RPA200V	P,PR									•	•													

Model	Ver	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550	700	701	702	750	900	901	950
PA000V	P,PR	•	•																					
PA100V	P,PR																							
PA200V	P,PR																							
PA300V	P,PR																							
Internally ins	sulated deliver	y pleni	ım w	ith ci	rcula	flang	ges.																	
Model	Ver	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550	700	701	702	750	900	901	950
PM000V	P,PR																							
PM100V	P,PR																							
PM200V	P,PR																							
PM300V	P,PR																	•	•	•	•	•		
Internally ins	sulated deliver Ver	y plenu 200	ım w 201	ith re 202	ctang 250	jular 300	flang 301	e. 302	350	400	401	402	450	500	501	502	550	700	701	702	750	900	901	950
RPM000V	P,PR		- 201			300	301	302	330	400	401	402	430	300	301	302	330	700	701	702	730	200	701	231
RPM100V	P.PR					•	-																	
RPM200V	P.PR																							
RPM300V	P,PR									•	•	•				•	•				•	•		
RPM300V		in galva	nise	d she	et me	tal.				•							•	•	•	•	•	•	•	•
RPM300V Straight deli	P,PR	in galva	nise 201	d she	et me	tal.	301	302	350	400	401	402	450	500	501	502	550	700	701	702	750	900	901	950
RPM300V	P,PR very coupling i						301	302	350		401	402	450	500	501		550				750	900	901	950
Straight deli	P,PR very coupling i Ver	200	201	202	250		301	302	350		401	402	450	500	501		550				750	900	901	950
RPM300V  Straight delive  Model  RDM000V	PPR very coupling i Ver PPR	200	201	202	250	300	301	302			401	402	450	500	501		550				750	900	901	950
RPM300V  Straight deliv  Model  RDM000V  RDM100V	PPR  very coupling i  Ver  PPR  PPR  PPR	200	201	202	250	300	301	302		400						502					750	900	901	950
RPM300V  Straight delimodel RDM000V RDM100V RDM200V RDM300V	PPR  very coupling i  Ver  PPR  PPR  PPR  PPR	200	201	202	250	300	•	•		400						502		700	701	702				
RPM300V  Straight delimodel RDM000V RDM100V RDM200V RDM300V	PPR  Very coupling  Ver  PPR  PPR  PPR  PPR  PPR	200	201	202	250	300	•	•		400						502		700	701	702				
RPM300V  Straight deli  Model  RDM000V  RDM100V  RDM200V  RDM300V  Straight disc  Model	PPR  very coupling  Ver  PPR  PPR  PPR  PPR  PPR  PPR  PPR  P	200 ·	201 •	202 ·	250 ·	300	ange:	5.	•	400	•	•	•	•	•	502	•	700	701	702	•	•	•	•
RPM300V  Straight deli  Model  RDM000V  RDM100V  RDM200V  RDM300V  Straight disc  Model	PPR  Very coupling i  Ver  PPR  PPR  PPR  PPR  PPR  PPR  PPR  Ver	200 ly insul	201 • ated,	202 • with 202	250 circu 250	300	ange:	5.	•	400	•	•	•	•	•	502	•	700	701	702	•	•	•	•
RPM300V  Straight deli  Model  RDM000V  RDM100V  RDM200V  RDM300V  Straight disc  Model  RDMC000V	PPR  Ver Coupling i  Ver  PPR  PPR  PPR  PPR  PPR  PPR  PPR  Ver  PPR	200 ly insul	201 • ated,	202 • with 202	250 circu 250	300 lar fla	anges	s. 302	350	400	•	•	•	•	•	502	•	700	701	702	•	•	•	•

# PERFORMANCE DATA FOR UNITS WITHOUT HEAD (EUROVENT CERTIFICATE FC-H)

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2-pipe			E CTIO O O D			F6712.00		_	FETTIONED			F.6710.00			E 671 400D			F47145AD	
		1	FCZI200P	3	1	<b>FCZI250P</b>	3	1	FCZI300P	3	1	FCZI350P	3	1	FCZ1400P 2	3	1	FCZ1450P 2	3
		i i	M	H	i i	M	H	Ĺ		H	i i	M	H	L	M	H	Ĺ	M	H
Heating performance 70 °C / 6	i0 °C (1)	L	m		L	141	- "		···	- "	L	INI			m		L	INI	
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	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 / 4																	-		
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	I/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																		
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	I/h	153	221	275	182	267	334	288	374	456	350	460	560	379	503	619	414	552	694
Pressure drop system side	kPa	6	12	18	8	17	25	8	13	18	11	18	25	10	16	24	9	15	22
Fan																			
Туре	type									Centr									
Fan motor	type		1			- 1			2	Inve	rter	-							
Number Air flow rate	no. m³/h	140	220	290	140	220	290	260	350	450	260	350	450	220	460	600	330	460	600
Input power	m²/n W	7	8	290 14	7	8	290 14	5	7	13	260 5	7	13	330 5	10	18	5	10	600 
Signal 0-10V	%	44	68	90	44	68	90	52	70	90	52	70	90	49	68	90	49	68	90
Fan coil sound data (3)	70	- ''	- 00			- 00	- 70	32	70	- 70	32	70		,	- 00		- 12		
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
Finned pack heat exchanger																			
Water content main heat	1		0,5			0,7			0,8			1,0			1,0			1,4	
exchanger	'		0,5			0,7			0,0			1,0			1,0			1,4	
Diametre hydraulic fittings																			
Main heat eychanger	Ø					1/2"		1	3/4"			3/4"			3/4"			3/4"	
Main heat exchanger	W		1/2"	_		1/2			3/1			J/T			JIT				
Maiii fleat exchanger	V		FCZI500P			FCZI550P			FCZI700P			FCZI750P			FCZ1900P			FCZ1950P	
Maiir neat exchanger	V	1	<b>FCZI500P</b>	3	1	<b>FCZI550P</b>	3	1	<b>FCZI700P</b>	3	1	<b>FCZI750P</b>	3	1	<b>FCZI900P</b>	3	1	<b>FCZ1950P</b>	3
		1 L	FCZI500P		1 L	FCZI550P	3 H		FCZI700P	3 H	1 L	FCZI750P		1 L	FCZ1900P			FCZ1950P	
Heating performance 70 °C / 6	60 °C (1)	L	<b>FCZI500P</b> 2 M	3 H	L	<b>FCZI550P</b> 2 M	Н	1 L	<b>FCZI700P</b> 2 M	Н	L	<b>FCZ1750P</b> 2 M	3 H	L	<b>FCZI900P</b> 2 M	3 H	1 L	<b>FCZI950P</b> 2 M	3 H
Heating performance 70 °C / 6	60°C(1)	L 5,27	FCZI500P 2 M 7,31	3 H 8,50	5,82	FCZI550P 2 M 8,34	H 9,75	1 L 8,10	FCZI700P 2 M	H 11,00	9,10	FCZI750P 2 M 11,30	3 H 12,50	L 10,77	FCZI900P 2 M	3 H	1 L	FCZI950P 2 M	3 H
Heating performance 70 °C/6 Heating capacity Water flow rate system side	60 °C (1)	L	<b>FCZI500P</b> 2 M	3 H	L	<b>FCZI550P</b> 2 M	Н	1 L	<b>FCZI700P</b> 2 M	Н	L	<b>FCZ1750P</b> 2 M	3 H	L	<b>FCZI900P</b> 2 M	3 H	1 L 11,20 982	<b>FCZI950P</b> 2 M	3 H
Heating performance 70 °C/6 Heating capacity Water flow rate system side Pressure drop system side	60 °C (1) kW I/h kPa	5,27 462	FCZI500P 2 M 7,31 641	3 H 8,50 745	5,82 510	FCZI550P 2 M 8,34 731	9,75 855	1 L 8,10 710	FCZI700P 2 M 9,80 860	H 11,00 964	9,10 798	FCZI750P 2 M 11,30 991	3 H 12,50 1096	10,77 945	FCZI900P 2 M 13,35 1171	3 H 15,14 1328	1 L	FCZI950P 2 M 14,42 1264	3 H 17,10 1500
Heating performance 70 °C/6 Heating capacity Water flow rate system side	60 °C (1) kW I/h kPa	5,27 462	FCZI500P 2 M 7,31 641	3 H 8,50 745	5,82 510	FCZI550P 2 M 8,34 731	9,75 855	1 L 8,10 710	FCZI700P 2 M 9,80 860	H 11,00 964	9,10 798	FCZI750P 2 M 11,30 991	3 H 12,50 1096	10,77 945	FCZI900P 2 M 13,35 1171	3 H 15,14 1328	1 L 11,20 982	FCZI950P 2 M 14,42 1264	3 H 17,10 1500
Heating performance 70 °C/6 Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C/4	60 °C (1)  kW  I/h  kPa  60 °C (2)	5,27 462 12	7,31 641 21	3 H 8,50 745 28	5,82 510 10	FCZI550P 2 M 8,34 731 20	9,75 855 26	1 L 8,10 710 17	9,80 860 24	H 11,00 964 29	9,10 798 10	FCZI750P 2 M 11,30 991 15	3 H 12,50 1096 18	10,77 945 12	ECZI900P 2 M 13,35 1171 17	3 H 15,14 1328 22	1 L 11,20 982 16	PCZI950P 2 M 14,42 1264 24	3 H 17,10 1500 33
Heating performance 70 °C / 6 Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 4 Heating capacity Water flow rate system side Pressure drop system side	60 °C(1) kW I/h kPa 60 °C(2) kW I/h kPa	5,27 462 12	7,31 641 21	3 H 8,50 745 28	5,82 510 10	ECZI550P  2  M  8,34  731  20  4,14	9,75 855 26	1 L 8,10 710 17	9,80 860 24	H 11,00 964 29 5,47	9,10 798 10	FCZI750P 2 M 11,30 991 15	3 H 12,50 1096 18	10,77 945 12 5,35	2 M 13,35 1171 17	3 H 15,14 1328 22 7,53	1 L 11,20 982 16	FCZI950P 2 M 14,42 1264 24 7,17	3 H 17,10 1500 33
Heating performance 70 °C / 6 Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 4 Heating capacity Water flow rate system side Pressure drop system side Cooling performance 7 °C / 12	60 °C(1)  kW  I/h  kPa  60 °C(2)  kW  I/h  kPa  60 °C(2)	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	FCZI550P 2 M 8,34 731 20 4,14 720 20	9,75 855 26 4,85 842 26	8,10 710 17 4,03 699 16	FCZI700P 2 M 9,80 860 24 4,87 846 24	H 11,00 964 29 5,47 950 29	9,10 798 10 4,52 786 10	FCZI750P 2 M 11,30 991 15 5,62 975 14	3 H 12,50 1096 18 6,21 1079 18	10,77 945 12 5,35 930	FCZI900P 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	FCZI950P 2 M 14,42 1264 24 7,17 1245 24	3 H 17,10 1500 33 8,50 1476 33
Heating performance 70 °C / 6 Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 4 Heating capacity Water flow rate system side Pressure drop system side Cooling performance 7 °C / 12 Cooling capacity	60°C(1) kW I/h kPa 10°C(2) kW I/h kPa °C kW	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	FCZI550P 2 M 8,34 731 20 4,14 720 20	9,75 855 26 4,85 842 26	8,10 710 17 4,03 699 16	FCZI700P 2 M 9,80 860 24 4,87 846 24	H 11,00 964 29 5,47 950 29	9,10 798 10 4,52 786 10	FCZ1750P 2 M 11,30 991 15 5,62 975 14	3 H 12,50 1096 18 6,21 1079 18	10,77 945 12 5,35 930 12	FCZI900P 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	FCZI950P  2  M  14,42 1264 24  7,17 1245 24  7,32	3 H 17,10 1500 33 8,50 1476 33
Heating performance 70 °C / 6 Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 4 Heating capacity Water flow rate system side Pressure drop system side Cooling performance 7 °C/12 Cooling capacity Sensible cooling capacity	60 °C(1)  kW  I/h  kPa  60 °C(2)  kW  I/h  kPa  °C  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	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	FCZI550P 2 M 8,34 731 20 4,14 720 20 4,13 2,98	H 9,75 855 26 4,85 842 26 4,79 3,49	1 L 8,10 710 17 4,03 699 16 3,92 2,99	9,80 860 24 4,87 846 24 4,89 3,76	H 11,00 964 29 5,47 950 29 5,50 4,30	9,10 798 10 4,52 786 10 4,27 3,20	FCZI750P 2 M 11,30 991 15 5,62 975 14 5,34 4,05	3 H 12,50 1096 18 6,21 1079 18 6,14 4,72	10,77 945 12 5,35 930 12 4,29 2,97	FCZI900P 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	FCZI950P  2  M  14,42 1264 24  7,17 1245 24  7,32 4,87	3 H 17,10 1500 33 8,50 1476 33 8,60 5,78
Heating performance 70 °C/6 Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C/4 Heating capacity Water flow rate system side Cooling performance 7 °C/12 Cooling capacity Sensible cooling capacity Water flow rate system side	60 °C(1)  kW  I/h  kPa  60 °C(2)  kW  I/h  kPa  °C  kW  kW	12 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	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	FCZI550P 2 M 8,34 731 20 4,14 720 20 4,13 2,98 711	H 9,75 855 26 4,85 842 26 4,79 3,49 824	1 L 8,10 710 17 4,03 699 16 3,92 2,99 675	9,80 860 24 4,87 846 24 4,89 3,76 841	H 11,00 964 29 5,47 950 29 5,50 4,30 946	9,10 798 10 4,52 786 10 4,27 3,20 734	FCZI750P 2 M 11,30 991 15 5,62 975 14 5,34 4,05 918	3 H 12,50 1096 18 6,21 1079 18 6,14 4,72 1056	10,77 945 12 5,35 930 12 4,29 2,97 738	FCZI900P 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	FCZI950P 2 M 14,42 1264 24 7,17 1245 24 7,32 4,87 1259	3 H 17,10 1500 33 8,50 1476 33 8,60 5,78 1479
Heating performance 70 °C/6 Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C/4 Heating capacity Water flow rate system side Cooling performance 7 °C/12 Cooling capacity Sensible cooling capacity Water flow rate system side Pressure drop system side	60 °C(1)  kW  I/h  kPa  60 °C(2)  kW  I/h  kPa  °C  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	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	FCZI550P 2 M 8,34 731 20 4,14 720 20 4,13 2,98	H 9,75 855 26 4,85 842 26 4,79 3,49	1 L 8,10 710 17 4,03 699 16 3,92 2,99	9,80 860 24 4,87 846 24 4,89 3,76	H 11,00 964 29 5,47 950 29 5,50 4,30	9,10 798 10 4,52 786 10 4,27 3,20	FCZI750P 2 M 11,30 991 15 5,62 975 14 5,34 4,05	3 H 12,50 1096 18 6,21 1079 18 6,14 4,72	10,77 945 12 5,35 930 12 4,29 2,97	FCZI900P 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	FCZI950P  2  M  14,42 1264 24  7,17 1245 24  7,32 4,87	3 H 17,10 1500 33 8,50 1476 33 8,60 5,78
Heating performance 70 °C/6 Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C/4 Heating capacity Water flow rate system side Pressure drop system side Cooling performance 7 °C/12 Cooling capacity Sensible cooling capacity Water flow rate system side Pressure drop system side Pressure drop system side Fan	60°C(1)  kW  I/h  kPa  60°C(2)  kW  I/h  kPa  °C  kW  kW  I/h  kPa	12 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	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	FCZI550P 2 M 8,34 731 20 4,14 720 20 4,13 2,98 711	H 9,75 855 26 4,85 842 26 4,79 3,49 824	1 L 8,10 710 17 4,03 699 16 3,92 2,99 675	9,80 860 24 4,87 846 24 4,89 3,76 841	H 11,00 964 29 5,47 950 29 5,50 4,30 946 30	9,10 798 10 4,52 786 10 4,27 3,20 734	FCZI750P 2 M 11,30 991 15 5,62 975 14 5,34 4,05 918	3 H 12,50 1096 18 6,21 1079 18 6,14 4,72 1056	10,77 945 12 5,35 930 12 4,29 2,97 738	FCZI900P 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	FCZI950P 2 M 14,42 1264 24 7,17 1245 24 7,32 4,87 1259	3 H 17,10 1500 33 8,50 1476 33 8,60 5,78 1479
Heating performance 70 °C/6 Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C/4 Heating capacity Water flow rate system side Pressure drop system side Cooling performance 7 °C/12 Cooling capacity Sensible cooling capacity Water flow rate system side Pressure drop system side Pressure drop system side Fan Type	60 °C(1)  kW  I/h  kPa  60 °C(2)  kW  I/h  kPa  °C  kW  kW  I/h  kPa	12 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	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	FCZI550P 2 M 8,34 731 20 4,14 720 20 4,13 2,98 711	H 9,75 855 26 4,85 842 26 4,79 3,49 824	1 L 8,10 710 17 4,03 699 16 3,92 2,99 675	9,80 860 24 4,87 846 24 4,89 3,76 841	H 11,00 964 29 5,47 950 29 5,50 4,30 946 30	9,10 798 10 4,52 786 10 4,27 3,20 734 10	FCZI750P 2 M 11,30 991 15 5,62 975 14 5,34 4,05 918	3 H 12,50 1096 18 6,21 1079 18 6,14 4,72 1056	10,77 945 12 5,35 930 12 4,29 2,97 738	FCZI900P 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	FCZI950P 2 M 14,42 1264 24 7,17 1245 24 7,32 4,87 1259	3 H 17,10 1500 33 8,50 1476 33 8,60 5,78 1479
Heating performance 70 °C/6 Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C/4 Heating capacity Water flow rate system side Pressure drop system side Cooling performance 7 °C/12 Cooling capacity Water flow rate system side Pressure drop system side Pressure drop system side Fan Type Fan motor	Si0 °C (1)   kW   I/h   kPa   KW   I/h   kPa   kW   I/h   kPa   type	12 5,27 462 12 2,62 455 12 2,68 1,94 460	FCZI500P 2 M 7,31 641 21 3,63 631 21 3,69 2,73 634 22	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	FCZI550P 2 M 8,34 731 20 4,14 720 20 4,13 2,98 711 22	H 9,75 855 26 4,85 842 26 4,79 3,49 824	1 L 8,10 710 17 4,03 699 16 3,92 2,99 675	FCZI700P 2 M 9,80 860 24 4,87 846 24 4,89 3,76 841 24	H 11,00 964 29 5,47 950 29 5,50 4,30 946 30	9,10 798 10 4,52 786 10 4,27 3,20 734 10	FCZI750P 2 M 11,30 991 15 5,62 975 14 5,34 4,05 918 14	3 H 12,50 1096 18 6,21 1079 18 6,14 4,72 1056	10,77 945 12 5,35 930 12 4,29 2,97 738	FCZI900P 2 M 13,35 1171 17 6,64 1152 17 5,00 3,78 860 12	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	FCZI950P 2 M 14,42 1264 24 7,17 1245 24 7,32 4,87 1259 22	3 H 17,10 1500 33 8,50 1476 33 8,60 5,78 1479
Heating performance 70 °C/6 Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C/4 Heating capacity Water flow rate system side Pressure drop system side Cooling performance 7 °C/12 Cooling capacity Sensible cooling capacity Water flow rate system side Pressure drop system side Pressure drop system side Fan Type	60 °C(1)  kW  I/h  kPa  60 °C(2)  kW  I/h  kPa  °C  kW  kW  I/h  kPa	12 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	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	FCZI550P 2 M 8,34 731 20 4,14 720 20 4,13 2,98 711	H 9,75 855 26 4,85 842 26 4,79 3,49 824	1 L 8,10 710 17 4,03 699 16 3,92 2,99 675	9,80 860 24 4,87 846 24 4,89 3,76 841	H 11,00 964 29 5,47 950 29 5,50 4,30 946 30	9,10 798 10 4,52 786 10 4,27 3,20 734 10	FCZI750P 2 M 11,30 991 15 5,62 975 14 5,34 4,05 918	3 H 12,50 1096 18 6,21 1079 18 6,14 4,72 1056	10,77 945 12 5,35 930 12 4,29 2,97 738	FCZI900P 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	FCZI950P 2 M 14,42 1264 24 7,17 1245 24 7,32 4,87 1259	3 H 17,10 1500 33 8,50 1476 33 8,60 5,78 1479
Heating performance 70 °C/6 Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C/4 Heating capacity Water flow rate system side Pressure drop system side Cooling performance 7 °C/12 Cooling capacity Sensible cooling capacity Water flow rate system side Pressure drop system side Pressure drop system side Fan Type Fan motor Number	10°C(1)  10°C(1)  10°C(1)  10°C(2)  10°C(2)  10°C(2)  10°C(2)  10°C  10°	5,27 462 12 2,62 455 12 2,68 1,94 460 13	FCZI500P 2 M 7,31 641 21 3,63 631 21 3,69 2,73 634 22	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	FCZI550P 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	8,10 710 17 4,03 699 16 3,92 2,99 675 16	FCZI700P 2 M 9,80 860 24 4,87 846 24 4,89 3,76 841 24	11,00 964 29 5,47 950 29 5,50 4,30 946 30	9,10 798 10 4,52 786 10 4,27 3,20 734 10 ifugal	FCZI750P 2 M 11,30 991 15 5,62 975 14 5,34 4,05 918 14	3 H 12,50 1096 18 6,21 1079 18 6,14 4,72 1056 18	10,77 945 12 5,35 930 12 4,29 2,97 738	FCZI900P 2 M 13,35 1171 17 6,64 1152 17 5,00 3,78 860 12	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	FCZI950P 2 M 14,42 1264 24 7,17 1245 24 7,32 4,87 1259 22	3 H 17,10 1500 33 8,50 1476 33 8,60 5,78 1479 30
Heating performance 70 °C / 6 Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 4 Heating capacity Water flow rate system side Pressure drop system side Cooling performance 7 °C / 12 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 Signal 0-10V	10°C(1)  kW  I/h  kPa  10°C(2)  kW  I/h  kPa  *C  kW  I/h  kPa  type  type  no.  m³/h	2,62 12 2,62 455 12 2,68 1,94 460	FCZI500P 2 M 7,31 641 21 3,63 631 21 3,69 2,73 634 22 2 600	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	FCZI550P 2 M 8,34 731 20 4,14 720 20 4,13 2,98 711 22 2 600	9,75 855 26 4,85 842 26 4,79 3,49 824 28	8,10 710 17 4,03 699 16 3,92 2,99 675 16	FCZI700P 2 M 9,80 860 24 4,87 846 24 4,89 3,76 841 24	H 11,00 964 29 5,47 950 29 5,50 4,30 946 30 Centr Inve	9,10 798 10 4,52 786 10 4,27 3,20 734 10 ifugal erter	FCZI750P 2 M 11,30 991 15 5,62 975 14 5,34 4,05 918 14 3 930	3 H 12,50 1096 18 6,21 1079 18 6,14 4,72 1056 18	10,77 945 12 5,35 930 12 4,29 2,97 738 10	FCZI900P 2 M 13,35 1171 17 6,64 1152 17 5,00 3,78 860 12 3 930	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	FCZI950P 2 M 14,42 1264 24 7,17 1245 24 7,32 4,87 1259 22	3 H 17,10 1500 33 8,50 1476 33 8,60 5,78 1479 30
Heating performance 70 °C / 6 Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 4 Heating acpacity Water flow rate system side Cooling capacity Sensible cooling capacity Water flow rate system side Pressure drop system side Fan Type Fan motor Number Air flow rate Input power Signal 0-10V Fan coil sound data (3)	10°C(1)   kW   I/h   kPa   10°C(2)   kW   I/h   kPa   c c c c c c c c c c c c c c c c c c	2,62 455 12 2,62 455 12 2,68 1,94 460 13	FCZI500P 2 M 7,31 641 21 3,63 631 21 3,69 2,73 634 22 2 600 18 74	3 H 8,50 745 28 4,22 3,18 731 29	5,82 510 10 2,89 502 10 2,91 2,07 501 12	FCZI550P 2 M 8,34 731 20 4,14 720 20 4,13 2,98 711 22 600 10 74	H 9,75 855 26 4,85 842 26 4,79 3,49 824 28	8,10 710 17 4,03 699 16 3,92 2,99 675 16	FCZI700P 2 M 9,80 860 24 4,87 846 24 4,89 3,76 841 24 3 930 40 72	H 11,00 964 29 5,47 950 29 5,50 4,30 946 30 Centr Inve	9,10 798 10 4,52 786 10 4,27 3,20 734 10 700 30 56	FCZI750P 2 M 11,30 991 15 5,62 975 14 5,34 4,05 918 14 3 930 40 72	3 H 12,50 1096 18 6,21 1079 18 6,14 4,72 1056 18	10,77 945 12 5,35 930 12 4,29 2,97 738 10	FCZI900P 2 M 13,35 1171 17 6,64 1152 17 5,00 3,78 860 12 3 930 40 72	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	7,17 1245 24 7,17 1245 24 4,87 1259 22 3 930 40 72	3 H 17,10 1500 33 8,50 1476 33 8,60 5,78 1479 30
Heating performance 70 °C / 6 Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 4 Heating capacity Water flow rate system side Cooling operformance 7 °C / 12 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 Signal 0-10V Fan coil sound data (3) Sound power level	10°C(1)   kW   I/h   kPa   0°C(2)   kW   I/h   kPa   c   c   c   c   c   c   c   c   c	5,27 462 12 2,62 455 12 2,68 1,94 460 13	FCZI500P 2 M 7,31 641 21 3,63 631 21 3,69 2,73 634 22 2 600 18 74	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 2,97 501 12 400 4 50	FCZI550P 2 M 8,34 731 20 4,14 720 20 4,13 2,98 711 22 2 6000 10 74 51,0	H 9,75 855 26 4,85 842 26 4,79 3,49 824 28	8,10 710 17 4,03 699 16 3,92 2,99 675 16	FCZI700P 2 M 9,80 860 24 4,87 846 24 4,89 3,76 841 24 3 930 40 72	H 11,00 964 29 5,47 950 29 5,50 4,30 946 30 Centr Invertigation 1140 80 90	9,10 798 10 4,52 786 10 4,27 3,20 734 10 700 30 56	FCZI750P 2 M 11,30 991 15 5,62 975 14 5,34 4,05 918 14 3 930 40 72	3 H 12,50 1096 18 6,21 1079 18 6,14 4,72 1056 18	10,77 945 12 5,35 930 12 4,29 2,97 738 10	FCZI900P 2 M 13,35 1171 17 6,64 1152 17 5,00 3,78 860 12 3 930 40 72 57,0	3 H 15,14 1328 22 7,53 1307 22 25 6,91 5,68 1189 22 1140 80 90	1 L 11,20 982 16 5,57 967 15 5,77 3,80 992 15	FCZI950P 2 M 14,42 1264 24 7,17 1245 24 7,32 4,87 1259 22 3 930 40 72 57,0	3 H 17,10 1500 33 8,50 1476 33 8,60 5,78 1479 30
Heating performance 70 °C / 6 Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 4 Heating capacity Water flow rate system side Pressure drop system side Cooling performance 7 °C / 12 Cooling performance 7 °C / 12 Cooling capacity Water flow rate system side Pressure drop system side Fan Type Fan motor Number Air flow rate Input power Signal 0-10V Fan coil sound data (3) Sound power level Sound pressure	10°C(1)   kW   I/h   kPa   10°C(2)   kW   I/h   kPa   c c c c c c c c c c c c c c c c c c	2,62 455 12 2,62 455 12 2,68 1,94 460 13	FCZI500P 2 M 7,31 641 21 3,63 631 21 3,69 2,73 634 22 2 600 18 74	3 H 8,50 745 28 4,22 3,18 731 29	5,82 510 10 2,89 502 10 2,91 2,07 501 12	FCZI550P 2 M 8,34 731 20 4,14 720 20 4,13 2,98 711 22 600 10 74	H 9,75 855 26 4,85 842 26 4,79 3,49 824 28	8,10 710 17 4,03 699 16 3,92 2,99 675 16	FCZI700P 2 M 9,80 860 24 4,87 846 24 4,89 3,76 841 24 3 930 40 72	H 11,00 964 29 5,47 950 29 5,50 4,30 946 30 Centr Inve	9,10 798 10 4,52 786 10 4,27 3,20 734 10 700 30 56	FCZI750P 2 M 11,30 991 15 5,62 975 14 5,34 4,05 918 14 3 930 40 72	3 H 12,50 1096 18 6,21 1079 18 6,14 4,72 1056 18	10,77 945 12 5,35 930 12 4,29 2,97 738 10	FCZI900P 2 M 13,35 1171 17 6,64 1152 17 5,00 3,78 860 12 3 930 40 72	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	7,17 1245 24 7,17 1245 24 4,87 1259 22 3 930 40 72	3 H 17,10 1500 33 8,50 1476 33 8,60 5,78 1479 30
Heating performance 70 °C / 6 Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 4 Heating capacity Water flow rate system side Pressure drop system side Fan Type Fan motor Number Air flow rate Input power Signal 0-10V Fan coil sound data (3) Sound power level Sound pressure Finned pack heat exchanger	10°C(1)   kW   I/h   kPa   0°C(2)   kW   I/h   kPa   c   c   c   c   c   c   c   c   c	5,27 462 12 2,62 455 12 2,68 1,94 460 13	FCZI500P 2 M 7,31 641 21 3,63 631 21 3,69 2,73 634 22 2 600 18 74	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 2,97 501 12 400 4 50	FCZI550P 2 M 8,34 731 20 4,14 720 20 4,13 2,98 711 22 2 6000 10 74 51,0	H 9,75 855 26 4,85 842 26 4,79 3,49 824 28	8,10 710 17 4,03 699 16 3,92 2,99 675 16	FCZI700P 2 M 9,80 860 24 4,87 846 24 4,89 3,76 841 24 3 930 40 72	H 11,00 964 29 5,47 950 29 5,50 4,30 946 30 Centr Invertigation 1140 80 90	9,10 798 10 4,52 786 10 4,27 3,20 734 10 700 30 56	FCZI750P 2 M 11,30 991 15 5,62 975 14 5,34 4,05 918 14 3 930 40 72	3 H 12,50 1096 18 6,21 1079 18 6,14 4,72 1056 18	10,77 945 12 5,35 930 12 4,29 2,97 738 10	FCZI900P 2 M 13,35 1171 17 6,64 1152 17 5,00 3,78 860 12 3 930 40 72 57,0	3 H 15,14 1328 22 7,53 1307 22 25 6,91 5,68 1189 22 1140 80 90	1 L 11,20 982 16 5,57 967 15 5,77 3,80 992 15	FCZI950P 2 M 14,42 1264 24 7,17 1245 24 7,32 4,87 1259 22 3 930 40 72 57,0	3 H 17,10 1500 33 8,50 1476 33 8,60 5,78 1479 30
Heating performance 70 °C / 6 Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 4 Heating capacity Water flow rate system side Pressure drop system side Pressure drop system side 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 Signal 0-10V Fan coil sound data (3) Sound power level Sound pressure Finned pack heat exchanger Water content main heat	10°C(1)   kW   I/h   kPa   0°C(2)   kW   I/h   kPa   c   c   c   c   c   c   c   c   c	5,27 462 12 2,62 455 12 2,68 1,94 460 13	FCZI500P 2 M 7,31 641 21 3,63 631 21 3,69 2,73 634 22 2 600 18 74	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 2,97 501 12 400 4 50	FCZI550P 2 M 8,34 731 20 4,14 720 20 4,13 2,98 711 22 2 6000 10 74 51,0	H 9,75 855 26 4,85 842 26 4,79 3,49 824 28	8,10 710 17 4,03 699 16 3,92 2,99 675 16	FCZI700P 2 M 9,80 860 24 4,87 846 24 4,89 3,76 841 24 3 930 40 72	H 11,00 964 29 5,47 950 29 5,50 4,30 946 30 Centr Invertigation 1140 80 90	9,10 798 10 4,52 786 10 4,27 3,20 734 10 700 30 56	FCZI750P 2 M 11,30 991 15 5,62 975 14 5,34 4,05 918 14 3 930 40 72	3 H 12,50 1096 18 6,21 1079 18 6,14 4,72 1056 18	10,77 945 12 5,35 930 12 4,29 2,97 738 10	FCZI900P 2 M 13,35 1171 17 6,64 1152 17 5,00 3,78 860 12 3 930 40 72 57,0	3 H 15,14 1328 22 7,53 1307 22 25 6,91 5,68 1189 22 1140 80 90	1 L 11,20 982 16 5,57 967 15 5,77 3,80 992 15	FCZI950P 2 M 14,42 1264 24 7,17 1245 24 7,32 4,87 1259 22 3 930 40 72 57,0	3 H 17,10 1500 33 8,50 1476 33 8,60 5,78 1479 30
Heating performance 70 °C/6 Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C/4 Heating capacity Water flow rate system side Pressure drop system side 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 Signal 0-10V Fan coil sound data (3) Sound pressure Finned pack heat exchanger Water content main heat exchanger	type type no. m³/h W 96	5,27 462 12 2,62 455 12 2,68 1,94 460 13	FCZI500P 2 M 7,31 641 21 3,63 631 21 3,69 2,73 634 22 2 600 18 74 51,0 43,0	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 2,97 501 12 400 4 50	FCZI550P 2 M 8,34 731 20 4,14 720 20 4,13 2,98 711 22 2 600 10 74 51,0 43,0	H 9,75 855 26 4,85 842 26 4,79 3,49 824 28	8,10 710 17 4,03 699 16 3,92 2,99 675 16	FCZI700P 2 M 9,80 860 24 4,87 846 24 4,89 3,76 841 24 3 930 40 72 57,0 49,0	H 11,00 964 29 5,47 950 29 5,50 4,30 946 30 Centr Invertigation 1140 80 90	9,10 798 10 4,52 786 10 4,27 3,20 734 10 700 30 56	FCZI750P 2 M 11,30 991 15 5,62 975 14 5,34 4,05 918 14 3 930 40 72 57,0 49,0	3 H 12,50 1096 18 6,21 1079 18 6,14 4,72 1056 18	10,77 945 12 5,35 930 12 4,29 2,97 738 10	FCZI900P 2 M 13,35 1171 17 6,64 1152 17 5,00 3,78 860 12 3 930 40 72 57,0 49,0	3 H 15,14 1328 22 7,53 1307 22 25 6,91 5,68 1189 22 1140 80 90	1 L 11,20 982 16 5,57 967 15 5,77 3,80 992 15 5 5,70 30 56 51,0	FCZI950P 2 M 14,42 1264 24 7,17 1245 24 7,32 4,87 1259 22 3 930 40 72 57,0 49,0	3 H 17,10 1500 33 8,50 1476 33 8,60 5,78 1479 30
Heating performance 70 °C / 6 Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 4 Heating capacity Water flow rate system side Pressure drop system side Pressure drop system side 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 Signal 0-10V Fan coil sound data (3) Sound power level Sound pressure Finned pack heat exchanger Water content main heat	type type no. m³/h W 96	5,27 462 12 2,62 455 12 2,68 1,94 460 13	FCZI500P 2 M 7,31 641 21 3,63 631 21 3,69 2,73 634 22 2 600 18 74 51,0 43,0	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 2,97 501 12 400 4 50	FCZI550P 2 M 8,34 731 20 4,14 720 20 4,13 2,98 711 22 2 600 10 74 51,0 43,0	H 9,75 855 26 4,85 842 26 4,79 3,49 824 28	8,10 710 17 4,03 699 16 3,92 2,99 675 16	FCZI700P 2 M 9,80 860 24 4,87 846 24 4,89 3,76 841 24 3 930 40 72 57,0 49,0	H 11,00 964 29 5,47 950 29 5,50 4,30 946 30 Centr Inve 80 90 62,0 54,0	9,10 798 10 4,52 786 10 4,27 3,20 734 10 700 30 56	FCZI750P 2 M 11,30 991 15 5,62 975 14 5,34 4,05 918 14 3 930 40 72 57,0 49,0	3 H 12,50 1096 18 6,21 1079 18 6,14 4,72 1056 18	10,77 945 12 5,35 930 12 4,29 2,97 738 10	FCZI900P 2 M 13,35 1171 17 6,64 1152 17 5,00 3,78 860 12 3 930 40 72 57,0 49,0	3 H 15,14 1328 22 7,53 1307 22 25 6,91 5,68 1189 22 1140 80 90	1 L 11,20 982 16 5,57 967 15 5,77 3,80 992 15 5 5,70 30 56 51,0	FCZI950P 2 M 14,42 1264 24 7,17 1245 24 7,32 4,87 1259 22 3 930 40 72 57,0 49,0	3 H 17,10 1500 33 8,50 1476 33 8,60 5,78 1479 30

<sup>(1)</sup> 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.

# 4-pipe

		FCZI201P		FCZI301P			FCZI401P				FCZI501P			FCZI701P		FCZI901P			
		1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
		L	М	Н	L	М	Н	L	М	Н	L	М	Н	L	М	Н	L	М	Н
Heating performance 65 °C/5	55 °C (1)																		
Heating capacity	kW	1,02	1,35	1,60	1,80	2,18	2,56	2,21	2,65	3,12	2,59	3,34	3,73	3,66	4,29	4,94	4,73	5,63	5,72
Water flow rate system side	l/h	89	118	140	158	191	224	186	232	273	227	293	327	320	375	437	414	492	501
Pressure drop system side	kPa	4	8	10	16	23	30	4	6	8	6	8	10	11	14	18	8	12	12
Cooling performance 7 °C / 12	°C																		
Cooling capacity	kW	0,89	1,28	1,60	1,68	2,17	2,65	2,20	2,92	3,60	2,68	3,69	4,25	3,92	4,89	5,50	4,29	5,00	6,91
Sensible cooling capacity	kW	0,71	1,05	1,33	1,26	1,65	2,04	1,59	2,14	2,67	1,94	2,73	3,18	2,99	3,76	4,30	2,97	3,78	5,68
Water flow rate system side	I/h	153	221	275	288	374	456	379	503	619	460	634	731	675	841	946	738	860	1189
Pressure drop system side	kPa	6	12	18	8	13	18	10	16	24	13	22	29	16	24	30	10	12	22
Fan																			
Туре	type									Centr	ifugal								
Fan motor	type									Inve	erter								
Number	no.		1			2			2			2			3			3	
Air flow rate	m³/h	140	220	290	260	350	450	330	460	600	400	600	720	700	930	1140	700	930	1140
Input power	W	7	8	14	5	7	13	5	10	18	7	16	31	30	40	80	30	40	80
Signal 0-10V	%	44	68	90	52	70	90	49	68	90	50	74	90	56	72	90	56	72	90
Fan coil sound data (2)																			
Sound power level	dB(A)	35,0	46,0	51,0	34,0	41,0	48,0	37,0	44,0	51,0	42,0	51,0	56,0	50,0	57,0	62,0	51,0	57,0	62,0
Sound pressure	dB(A)	27,0	38,0	43,0	26,0	33,0	40,0	29,0	36,0	43,0	34,0	43,0	48,0	42,0	49,0	54,0	43,0	49,0	54,0
Finned pack heat exchanger																			
Water content main heat	1		0,5			0,8			1,0			1,0			1,2			1,8	
exchanger	'		- 0,5			0,0			1,0			1,0			1,2			1,0	
Water content secondary heat	1		0,2			0,3			0,3			0,3			0,4			0,7	
exchanger	'		0,2			دره			U,J			U,J			V <sub>1</sub> T			0,1	
Diametre hydraulic fittings																			
Main heat exchanger	Ø		1/2″			3/4"			3/4"			3/4"			3/4"			3/4"	
Secondary heat exchanger	Ø									1/	/2"								

<sup>(1)</sup> Room air temperature 20°C d.b.; Water (in/out) 65 °C/55 °C; EUROVENT (2) Aermec determines the sound power value on the basis of measurements taken in accordance with standard UNI EN 16583:15, respecting the Eurovent certification.

# PERFORMANCE DATA FOR UNITS WITH HEAD (EUROVENT CERTIFICATE FCP-H)

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2-pipe		FCZI200P FCZI250P				FCZI300P FCZI350P					FCZI400P			FCZI450P			FCZI500P			FCZI550P					
		1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	<u>г</u>	2	3	1	2	3	1	2	3
		H	 M	H	H	M	H	Ė	M	H	i		H	Ė	M	H	÷	 M	H	H	M	H	H	M	H
Heating performance 70 °C / 60 °C (1)			- 141			171				-"-	-		-"-	<u> </u>	- 141	-"-	-				141		1 -	141	-"
Heating capacity	kW	1,81	3,16	3,34	2,01	3,40	3,62	3,08	4,83	5,23	3,32	5,43	5,83	3,96	5,85	6,34	4,10	6,44	6,96	5,39	7,28	7,63	5,92	8,37	8,71
Water flow rate system side	I/h	156	272	287	173		311	265	415	450	285	467	502	341	503	545	353	554	599	464	626	656	509	720	749
Pressure drop system side	kPa	6	13	16	7	17	19	7	14	16	7	17	19	9	17	19	5	12	13	12	22	23	11	20	21
Heating performance 45 °C / 40 °C (2)						.,	.,,				,					.,									
Heating capacity	kW	0,90	1,57	1,66	1,00	1,69	1,80	1,53	2,40	2,60	1,65	2,70	2,90	1,97	2,91	3,15	2,04	3,20	3,46	2,68	3,62	3,79	2.94	4,16	4.33
Water flow rate system side	I/h	155	270	288	172		308	263	413	447	284	464	499	339	501	542	351	550	595	461	623	652	506	715	745
Pressure drop system side	kPa	6	13	16	7	17	19	7	14	16	7	17	19	9	17	19	5	12	13	12	22	23	11	20	21
Cooling performance 7 °C / 12 °C																									
Cooling capacity	kW	0,80	1,37	1,45	0,95	1,67	1,76	1,40	2,38	2,53	1,66	2,70	2,88	2,03	2,98	3,21	2,22	3,28	3,55	2,73	3,68	3,84	2,97	4,15	4,31
Sensible cooling capacity	kW	0,63	1,13	1,20	0,70	1,29	1,37	1,10	1,82	1,94	1,15	1,94	2,07	1,45	2,18	2,36	1,54	2,35	2,56	1,98	2,73	2,85	2,11	2,98	3,12
Water flow rate system side	I/h	138	236	249	163	287	303	241	409	435	285	464	495	349	512	552	382	564	610	469	633	660	511	714	741
Pressure drop system side	kPa	5	13	16	8	17	19	7	14	16	9	17	19	9	17	19	8	12	13	13	22	23	12	20	21
Fan																									
Туре	type												Centr	ifugal											
Fan motor	type							,	_				Inve	erter		_									_
Number	no.		1			1			2			2			2			2			2			2	
Air flow rate	m³/h	123	240	257	123	240	257	225	390	424	225	390	424	300	470	515	300	470	515	410	600	630	410	600	630
High static pressure	Pa	13	50	57	13	50	57	16	50	59	16	50	53	20	50	60	20	50	56	23	50	55	23	50	55
Input power	W	7	27	31	7	27	31	10	11	40	10	30	40	14	38	48	14	38	48	18	50	60	18	50	60
Signal 0-10V	%	43	84	90	43	84	90	48	83	90	48	83	90	52	82	90	52	82	90	58	85	90	58	85	90
Duct type fan coil sound data (3)					_																		_		
Sound power level (inlet + radiated)	dB(A)	37,0	57,0	59,0	37,0		59,0	36,0	50,0	53,0	36,0	50,0		43,0		55,0	43,0	53,0		45,0		57,0	45,0		
Sound power level (outlet)	dB(A)	33,0	53,0	55,0	33,0	53,0	55,0	32,0	47,0	49,0	32,0	47,0	49,0	39,0	49,0	52,0	39,0	49,0	52,0	42,0	52,0	52,0	42,0	52,0	52,0
Finned pack heat exchanger																									
Water content main heat exchanger			0,5			0,7			0,8			1,0			1,0			1,4			1,0			1,4	
Diametre hydraulic fittings																									
Main heat exchanger	Ø		1/2"			1/2"			3/4"			3/4"			3/4"			3/4"			3/4"			3/4"	
				F/71	700P					FCTI	7500					E 471									
				rui	/UUF					FCZI	/5UP					FCZI	900P					FCZ	950P		
		-	1		2		3				2		3	-	1		<u>)</u>		3	-	1		2		3
		-	1 L				3 H						3 H	-	1 L				3 H	-	1 L				3 H
Heating performance 70 °C/60 °C(1)	I.W.		Ĺ	ı	2 M		Н			1	2 M		Н		Ĺ	N	<u>2</u> M		Н		Ĺ		2 M		H
Heating capacity	kW	5,	L 33	8,	2 M 34	8,	H ,88	6,	17	9,	2 M 52	10	H ),15	6	L .58	11	Ω Λ .15	11	,87	6,	L ,68	11	2 M 1,63	12	,66
Heating capacity Water flow rate system side	l/h	5,	33 68	8, 7.	2 M 34 32	8, 7	H ,88 79	6,	17 11	9,	2 M 52 35	10	H 0,15	6	.58 .66	11	.15 .8	11	,87 )21	6,	.68 74	11	2 M 1,63	12	,66 )88
Heating capacity Water flow rate system side Pressure drop system side		5,	L 33	8, 7.	2 M 34	8, 7	H ,88	6,	17 11	9,	2 M 52	10	H ),15	6	L .58	11	.15 .8	11	,87	6,	L ,68	11	2 M 1,63	12	,66
Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 40 °C (2)	I/h kPa	5,	33 68 8	8, 7,	2 M 34 32	8, 7	.88 .79	6,	17 11	9, 8.	2 M 52 35 1	10	H 0,15 190	6 5	.58 .66 .5	11 99 1	2 M .15 58 3	11 10	,87 )21	6	.68 74	11	2 M 1,63 000	12	,66 088
Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 40 °C (2) Heating capacity	I/h kPa kW	5,	33 68 8	8, 7, 1	2 M 34 32 7	8, 7 2	H .88 .79 .20 .40	6, 54	17 11 5	9, 8, 1	2 M 52 335 1	10	H 0,15 190 12	6 5	.58 .66 .5	11 99 1	2 A .15 .58 .3	11 10 1	,87 ,21  4	6, 5	,68 74 6	111	2 M 1,63 000 17	12 10 1	,66 088 19
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	5, 4	33 68 8 67 60	8, 7. 1 4,	2 M 34 32 7	8, 77 2 4,	.88 .79 .20 .40	6, 54 2, 4	17 11 5 46	9, 81 1 4, 81	2 M 52 35 1	10	H (1),15 (2),15 (2),00	3 5	.58 66 5	11 99 1 5,	2 A .15 .58 .3	111 10 1 5,	,87 )21  4  90	3,	,68 74 6	111 10 5	2 M 1,63 000 17 ,78	12 10 1 6,	,66 088 19
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	5, 4	33 68 8	8, 7. 1 4,	2 M 34 32 7	8, 77 2 4,	H .88 .79 .20 .40	6, 54	17 11 5 46	9, 81 1 4, 81	2 M 52 335 1	10	H 0,15 190 12	3 5	.58 .66 .5	11 99 1	2 A .15 .58 .3	111 10 1 5,	,87 ,21  4	3,	,68 74 6	111 10 5	2 M 1,63 000 17	12 10 1 6,	,66 088 19
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	2,	33 68 8 67 60 8	8, 7, 1 4, 7,	2 M 34 32 7 15 20 8	8, 77 2 2 4, 77 2 2	H .88 .79 .20 .40 .67 .20	2,	17 11 5 46 8	9, 88 1 4, 86	2 M 52 35 1 1 69 06	5,	H 0,15 90 12 ,00 60	3	.58 .66 .5 .27 .62	11, 99, 1 15, 99, 1	2 M .15 .58 .3 .54 .53 .3	111 10 1 5,	H, ,87 ,221 ,44 ,90 ,015	3,	.68 74 6 .32 71	55	2 M 1,63 000 17 ,78 94	12 10 1 6, 10	H, ,66 088 19 29 082
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	2,	33 68 8 67 60 8	8, 7, 1 4, 7, 1	2 M 334 332 77 115 220 8	8, 77 2 4, 77 2 4,	H .888 .79 .20 .40 .67 .20 .30	2, 4 2, 2,	17 11 16 16 18 16 16 16 16 16 16 16 16 16 16 16 16 16	9, 8. 1 4, 81 1	2 M 52 35 1 69 06 1	10 8 5 8 8	H 0,15 190 112 1,00 160 112 1,70	3 5	.58 .66 .5 .27 .62 .5	11 95 1 5, 95	2 M 115 58 8 3 3 3 3 3	111 10 1 5, 10 1	,87 ,221 ,44 ,90 ,015 ,44	3, 5	,68 ,74 ,66 ,32 ,71 ,58	111 10 5 9	2 M 1,63 000 17 ,78 94 17	12 10 1 6, 10 1	H, ,66 ,088 ,19 ,29 ,082 ,19 ,46
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 kW kW	2, 4	33 68 8 67 60 8	8,8,7 7.1 1 4,7 7.1 1 4,3,3,4	2 M 334 332 77 115 220 8 8	8, 7 2 4, 7 2 4, 3, 3,	H .888 .79 .20 .440 .67 .20 .3020	2, 4	117 11 11 15 11 11 11 11 11 11 11 11 11 11	9,9,9 88. 11 4,4,4,4,4,4,4,4,4,4,4,4,4,4,4,4,4,4,	22 M 552 552 11 10 669 06 11	100 88 55 88 88 44	H 0,15 190 112 100 100 112 100 100 110 100 100 10	3 5	.58 .66 .5 .27 .62 .5	11 99 1 5, 99 1	2 1.15 58 3 3 3 3 3 3 80 660	111 10 1 5, 10 1 5,	90 015 4	3, 5	,68 74 6 32 71 6	111 10 10 5 5 9 9 · · ·	2 MM	12 10 1 6, 10 1 6,	H 088 09 29 082 9 082 29 082 27
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 kW L/h	2, 4	333 333 3368 88 667 660 88	8,8,7.7.7.1 4,7,7.7.1 4,3,3,66	2	8, 7 2 4, 7, 2 4, 3, 7	H	2, 4 2, 2,	117 111 111 111 111 111 111 111 111 111	9,9,9 88. 11 4,0,1 88 81 11 4,3,7,7	22 M 552 552 11 669 660 660	100 88 55 88 44 33 88	H	33 55	.58 .66 .5 .27 .62 .5	11  99: 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.1	111 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	H ,87 ,221	33, 35	,68 ,74 ,66 ,32 ,71 ,58	111 111 55 99 66 33	2 MM 1,63 2000 117 78 994 117 700 994 2032	122 100 100 100 100 100 100 100 100 100	H H 10,666 1088 19 1082 19 1082 19 111
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	I/h kPa kW I/h kPa kW kW	2, 4	33 68 8 67 60 8	8,8,7.7.7.1 4,7,7.7.1 4,3,3,66	2 M 334 332 77 115 220 8 8	8, 7 2 4, 7, 2 4, 3, 7	H .888 .79 .20 .440 .67 .20 .3020	2, 4 2, 1, 1, 4,	117 111 111 111 111 111 111 111 111 111	9,9,9 88. 11 4,4,4,4,4,4,4,4,4,4,4,4,4,4,4,4,4,4,	22 M 552 552 11 669 660 660	100 88 55 88 44 33 88	H 0,15 190 112 100 100 112 100 100 110 100 100 10	33 55	55 55 27 662 55 81 10	11 99 1 5, 99 1	2 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.1	111 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	90 015 4	33, 35		111 111 55 99 66 33	2 MM	122 100 100 100 100 100 100 100 100 100	H 088 09 29 082 9 082 29 082 27
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	I/h kPa kW I/h kPa kW L/h kPa kW kW I/h kPa	2, 4	333 333 33668 88 88 667 660 88	8,8,7.7.7.1 4,7,7.7.1 4,3,3,66	2	8, 7 2 4, 7, 2 4, 3, 7	H	2, 4 2, 1, 1, 4,	117 111 111 111 111 111 111 111 111 111	9,9,9 88. 11 4,0,1 88 81 11 4,3,7,7	22 M 552 552 11 669 660 660	100 88 55 88 44 33 88	H H H H H H H H H H H H H H H H H H H	3 3 5 5	55 55 27 662 55 81 10	11  99: 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.1	111 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	H ,87 ,221	33, 35		111 111 55 99 66 33	2 MM 1,63 2000 117 78 994 117 700 994 2032	122 100 100 100 100 100 100 100 100 100	H H 10,666 1088 19 1082 19 1082 19 111
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	l/h kPa kW l/h kPa kW kW l/h kPa type	2, 4	333 333 33668 88 88 667 660 88	8,8,7.7.7.1 4,7,7.7.1 4,3,3,66	2	8, 7 2 4, 7, 2 4, 3, 7	H	2, 4 2, 1, 1, 4,	117 111 111 111 111 111 111 111 111 111	9,9,9 88. 11 4,0,1 88 81 11 4,3,7,7	22 M 552 552 11 669 660 660	100 88 55 88 44 33 88	H H H H H H H H H H H H H H H H H H H	3 3 5 5 2 2 2 2 4 4 rifugal	55 55 27 662 55 81 10	11  99: 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.1	111 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	H ,87 ,221	33, 35		111 111 55 99 66 33	2 MM 1,63 2000 117 78 994 117 700 994 2032	122 100 100 100 100 100 100 100 100 100	H H 10,666 1088 19 1082 19 1082 19 111
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	l/h kPa kW l/h kPa kW kW l/h kPa type type	2, 4	333 333 33668 88 88 667 660 88	8,8,77 11 4,77 11 4,33,66	22 M 34 32 77 15 15 220 8 8 00 00 00 00 888 8	8, 7 2 4, 7, 2 4, 3, 7	H	2, 4 2, 1, 1, 4,	117 111 111 111 111 111 111 111 111 111	9,9 88 81 1 1 4,4,4 4,4 1 1 1 1 1 1 1 1 1 1 1 1	22 M 552 552 11 669 006 11 441 4330 11	100 88 55 88 44 33 88	H H H H H H H H H H H H H H H H H H H	3 3 5 5	55 55 27 662 55 81 10	11 99 11 11 12 13 14 14 14 14 15 16 16 17 18 18 18 18 18 18 18 18 18 18 18 18 18	22 M 1.15 58 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	111 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	H ,87 ,221	33, 35		111 10 5 9 6 6 3 3 10	2 MM ,,63 ,000 117 ,78 ,94 117 ,00 ,94 ,94 117	122 100 100 100 100 100 100 100 100 100	H H 10,666 1088 19 1082 19 1082 19 111
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	kW I/h kPa kW I/h kPa type type no.	2, 4	333 3668 88 667 660 88 220 71 778 77	8, 7. 1 1 4, 7. 1 1 4, 3, 3, 6 6 1 1	2 MM 34 34 332 77 15 15 220 8 8 8 8 8 8 8 8 3 3	8,8,77 22 4,4,77 22 4,00 3,3,77 22	H 888 779 220 440 667 220 330 220 239 220	2, 44 2, 1, 1, 1, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4,	117 111 11 11 15 16 18 18 18 18 18 18 18 18 18 18 18 18 18	9, 88, 11 4, 80 11 4, 7, 7, 11	22 M 552 552 11 669 006 11 441 330 11	10 8 5 8 8 4 4 3 8	H  O, 15  1990  112  O, 00  160  112  Centri Invitation of the control of the con	3 3 5 5 2 2 2 4 4 rifugal erter	.58 .666 .5 .27 .662 .5 .81 .10 .83 .5	11 99: 55, 99: 11 14 15 16 17 18 18 18 18	22 M M .15 68 83 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	111 100 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1	H ,87 ,221 14 90 90 115 4 4 20 90 90 94 4	3, 5		55 99 66 33 110	2 MM ,63 0000 117 ,78 994 117 000 994 003 117	122 100 10 6, 10 10 10 10 10 10 10 10 10 10 10 10 10	H 60,666 1088 109 1082 1082 109 1111 1111 199
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 Fan Type Fan motor Number Air flow rate	kW I/h kPa  kW I/h kPa  kW I/h kPa  type type no. m³/h	2, 4	333 3668 88 667 660 88 220 771 778 77	8,7.7.1 1.4,7.7.1 1.4,7.1 1.4,7.1 1.7.1 1.7.1	22 M 34 32 7 15 15 20 8 8 00 00 00 00 888 8 8	8,8,77 24,4,77 24,4,4,77 27,77 27,77	H	2, 44	117 11 11 15 16 16 18 18 18 18 18 18 18 18 18 18 18 18 18	9, 88. 81 1 1 4, 4, 4, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7,	22 M 552 552 1 1 669 006 1 1 441 330 660 1	100 88 88 88 44 33 88	HH H H H H H H H H H H H H H H H H H H	3 3 5 5 2 2 2 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4	5.58 666 5 227 662 5 5 881 1.10 883 5	111 112 113 114 115 115 116 117 117 117 117 117 117 117 117 117	22 M 115 15 18 18 18 18 18 18 18 18 18 18	111 100 110 110 110 110 110 110 110 110	H ,87 ,221 ,44 ,90 ,115 ,4 ,4 ,4 ,4 ,4 ,4 ,4 ,4 ,4 ,4 ,4 ,4 ,4	3,3,5	,58 ,58 ,33 ,58 ,58 ,58 ,58 ,58 ,58	111 100 55 99 66 33 110	2 MM 1,63 10000 117 7,78 994 117 117 3 3 3 3 3	122 100 100 100 100 100 100 100 100 100	H 60,666 1088 109 1082 1082 1082 109 111 111 19
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 High static pressure	kW I/h kPa kW I/h kPa type type no.	2, 4 4 4 1	333 3668 88 667 660 88 220 71 778 77	8, 8, 7. 1 1 4, 4, 7. 1 1 4, 3, 3, 66 6 6 7 7 7 7 5 5	2 MM 34 34 332 77 15 15 220 8 8 8 8 8 8 8 8 3 3	8,8,77 24 4,77 22 4,77 7 7 7 6	H 888 779 220 440 667 220 330 220 239 220	2, 44 44 44 44 44 11	117 111 15 16 16 18 18 18 18 18 18 18 18 18 18 18 18 18	9, 88. 81 1 1 4, 4, 4, 33, 71 1 1 1 5 5 5 5 5 6 6 6 7 7 7 5 5 5 6 6 7 7 7 7	22 M 552 552 11 669 006 11 441 330 11	100 88 88 88 88 88 77	H  O, 15  1990  112  O, 00  160  112  Centri Invitation of the control of the con	3 3 5 5 2 2 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	.58 .58 .66 .55 .27 .62 .55 .81 .10 .83 .55	11 99: 55, 99: 11 14 15 16 17 18 18 18 18	22 115 115 115 118 118 118 118 118	111 100 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 100 11 1	H ,87 ,221 14 90 90 115 4 4 20 90 90 94 4	33 3 2 6 6		111 100 55 99 66 33 110	2 MM ,63 0000 117 ,78 994 117 000 994 003 117	122 100 100 100 100 100 100 100 100 100	H 60,666 1088 109 1082 1082 109 1111 1111 199
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 Fan Type Fan motor Number Air flow rate	kW I/h kPa  kW I/h kPa  kW I/h kPa  type type no. m³/h Pa	2, 44 2, 11, 3	333 368 88 667 660 88 220 771 778 77	8,8,77 7,71 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	22 M 34 32 77 15 220 8 8 8 8 8 8 8	8,8,77 22 4,4,77 22 4,77 7 66 7	H	2, 44 2, 1, 1, 44 41 11 2	117 111 15 16 16 18 18 18 18 18 18 18 18 18 18 18 18 18	9, 9, 88 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	22 M 552 552 553 5 1 69 69 60 6 1 1 41 33 30 650 1	100 100 100 100 100 100 100 100 100 100	HH H H H H H H H H H H H H H H H H H H	66   55   33   55   22   24   4   4   4   4   4   4   4	5.58 666 5 227 662 5 5 881 1.10 883 5	111 111 11 11 11 11 11 11 11 11 11 11 1	22 A 1.15 58 83 33 54 53 33 33 33 33 33 33 33 34 35 35 35 35 35 35 35 35 35 35	111 100 11 100 11 11 11 11 11 11 11 11 1	H ,87 ,221 4 4 90 90 915 4 4 20 99 99 94 4	33 55		111 100 55 99 66 33 110	2 MM 1,63 mM 1,63 mM 1,63 mM 1,63 mM 1,78 mM 1	122 100 110 110 110 110 110 110 110 110	H 666 688 19 29 082 29 082 27 111 9
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 High static pressure Input power Signal 0-10V	kW I/h kPa kW I/h kPa kW I/h kPa kW I/h kPa VPa type type no. m³/h Pa W	2, 44 2, 11, 3	333 368 88 667 660 88 8 220 771 778 77	8,8,77 7,71 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	22 M 34 32 77 15 220 8 8 8 8 8 8 8 8 8 6 6 6 6 6 6 6 6 6 6	8,8,77 22 4,4,77 22 4,77 7 66 7	H	2, 44 2, 1, 1, 44 41 11 2	117 117 118 118 118 118 118 118 118 118	9, 9, 88 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	22 M 552 552 1 1 669 006 1 1 1 3 3 3 3 3 0 0 1 1	100 100 100 100 100 100 100 100 100 100	H H D,15 15 1990 112 12 12 12 12 12 12 12 12 12 12 12 12	66   55   33   55   22   24   4   4   4   4   4   4   4		111 99:99:11 113 114 155,59:99:11 114 115 115 115 115 115 115 115 115 1	22 A 1.15 58 83 33 54 53 33 33 33 33 33 33 33 34 35 35 35 35 35 35 35 35 35 35	111 100 11 100 11 11 11 11 11 11 11 11 1	HH	33 55		111 100 55 99 66 33 110	2 MM 1,63 mm 1,63 mm 1,63 mm 1,63 mm 1,78 mm 1,78 mm 1,78 mm 1,77 mm 1,78 mm 1,77 mm 1	122 100 110 110 110 110 110 110 110 110	HH
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 High static pressure Input power Signal 0-10V Duct type fan coil sound data (3)	kW I/h kPa kW I/h kPa kW I/h kPa kW I/h kPa VPa type type no. m³/h Pa W	2, 4 2, 1, 1, 3 3	333 368 88 667 660 88 8 220 771 778 77	8, 8, 7. 7. 11 4, 4, 7. 11 4, 3, 66 11 11 11 11 11 11 11 11 11 11 11 11	22 M 34 32 77 15 220 8 8 8 8 8 8 8 8 8 6 6 6 6 6 6 6 6 6 6	8,8,77 2 4,4,77 2 4,4,3,3,77 2 7,76 6 77 5	H H 8.88 8.779 20	2, 2, 44 44 44 44 44 44 44 44 44 44 44 44 44	117 117 118 118 118 118 118 118 118 118	9, 88 11 4, 88 4, 7, 7, 11	22 M 552 552 1 1 669 006 1 1 1 3 3 3 3 3 0 0 1 1	100 88 55 88 44 33 88 77	H H D,15 15 1990 112 12 12 12 12 12 12 12 12 12 12 12 12	66   55     33   55     22   24   4	5.58 666 55 	11.1 11.1 1.2 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3	2 1.15 1.1	111 100 110 110 110 110 110 110 110 110	HH	3, 55		111 100 55 99 66 33 110 77	2 MM 1,63 mm 1,63 mm 1,63 mm 1,63 mm 1,78 mm 1,78 mm 1,78 mm 1,77 mm 1,78 mm 1,77 mm 1	122 100 100 100 100 100 100 100 100 100	HH
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 High static pressure Input power Signal 0-10V	kW I/h kPa kW I/h kPa kW kW I/h kPa  type no. m³/h Pa W %	2, 4 4 2, 3 3 4 4 4 4 4	333 3668 88 88 667 660 88 8 220 771 778 77	8, 8, 7. 1. 1. 4, 4, 4, 4, 4, 5. 6. 6. 1. 1. 5. 6. 8. 5.5. 5.5. 5.5. 5.5. 5.5. 5.5.	22 M 34 34 332 77 15 220 8 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	8,8,77 7,72 2 4,4,4,3,3,3,77 2 5 5 5 5 5 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7	H	2, 2, 44 44 44 44 44 44 44 44 44 44 44 44 44	117 111 16 16 16 16 17 17 14 17 17 17 17 17 17 17 17 17 17 17 17 17	9, 88 11 14, 44, 70 11 11 15 15 16 16 18 18 18 18 18 18 18 18 18 18 18 18 18	22 M M 552 552 11 669 669 606 11 11 330 660 11	100 88 88 88 44, 33, 88 77 (00 95 95 95 95 95 95 95 95 95 95 95 95 95	H  0,15 1990 112  0,00 1660 112  70 70 750 118 112  Centri Invi	66   55     33   55     22   24   4     4     4     4     4     4     4     4     4     4     4     4     4     4     4       4		111 99:99:11 113 114 155,59:99:11 114 115 115 115 115 115 115 115 115 1	2	111 100 110 110 110 110 110 110 110 110	H ,87 121 14 190 115 4 20 190 190 194 4 4	3, 55		111 110 55 66 63 31 110 77	2 MM ,,63 30000 117 ,78 994 117 ,000 ,994 3330 550 551 384	122 100 100 100 100 100 100 100 100 100	HH
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 High static pressure Input power Signal 0-10V Duct type fan coil sound data (3) Sound power level (inlet + radiated)	kW I/h kPa kW I/h kPa kW kW I/h kPa  type no. m³/h Pa W %	2, 4 4 2, 3 3 4 4 4 4 4	333 336 688 88 667 660 88 220 771 778 77 166	8, 8, 7. 1. 1. 4, 4, 4, 4, 4, 5. 6. 6. 1. 1. 5. 6. 8. 5.5. 5.5. 5.5. 5.5. 5.5. 5.5.	22 M 334 332 77 115 1220 88 80 00 000 888 88 88 88	8,8,77 7,72 2 4,4,4,3,3,3,77 2 5 5 5 5 5 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7	H	2, 44 2, 1, 1, 44 44 41 41	117 111 16 16 16 16 17 17 14 17 17 17 17 17 17 17 17 17 17 17 17 17	9, 88 11 14, 44, 70 11 11 15 15 16 16 18 18 18 18 18 18 18 18 18 18 18 18 18	52 52 53 55 1 1 669 606 1 1 41 330 660 1 1	100 88 88 88 44, 33, 88 77 (00 95 95 95 95 95 95 95 95 95 95 95 95 95	H  O,15  1990  112  O00  112  O00  112  Centr  Inverse 99  60  78  90  88,0	66   55     33   55     22   24   4     4     4     4     4     4     4     4     4     4     4     4     4     4     4       4	5.58 666 55 .27 662 55 .81 .10 .83 .5 .5 .21 .45	11.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.	2	111 100 110 110 110 110 110 110 110 110	HH	3, 55		111 110 55 66 63 31 110 77	2 MM 1,63 mm 1,63 mm 1,78 mm 1,78 mm 1,78 mm 1,78 mm 1,78 mm 1,77 mm 1	122 100 100 100 100 100 100 100 100 100	HH
Heating capacity Water flow rate system side Pressure drop system side Heating performance 45 °C / 40 °C (2) Heating performance 45 °C / 40 °C (2) Heating capacity Water flow rate system side Pressure drop system side 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 High static pressure Input power Signal 0-10V Duct type fan coil sound data (3) Sound power level (inlet + radiated) Sound power level (outlet) Finned pack heat exchanger	kW I/h kPa kW I/h kPa kW kW I/h kPa  type no. m³/h Pa W %	2, 4 4 1 2, 3 3 4 4 4 4 4	333 336 688 88 667 660 88 220 771 778 77 166	88,877,777,777,777,777,777,777,777,777,	22 M 334 332 77 115 1220 88 80 00 000 888 88 88 88	8,8,77 7,72 2 4,4,4,3,3,3,77 2 5 5 5 5 5 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7	H	2, 44 2, 1, 1, 44 44 41 41	117 111 16 16 16 16 17 17 14 17 17 17 17 17 17 17 17 17 17 17 17 17	9, 88, 11 14, 44, 33, 70 11 11 11 11 11 11 11 11 11 11 11 11 11	52 52 53 55 1 1 669 606 1 1 41 330 660 1 1	100 88 88 88 44, 33, 88 77 (00 95 95 95 95 95 95 95 95 95 95 95 95 95	H  O,15  1990  112  O00  112  O00  112  Centr  Inverse 99  60  78  90  88,0	66   55     33   55     22   24   4     4     4     4     4     4     4     4     4     4     4     4     4     4     4       4	5.58 666 55 .27 662 55 .81 .10 .83 .5 .5 .21 .45	111 112 113 114 115 115 116 117 117 117 117 117 117 117 117 117	2	111 100 110 110 110 110 110 110 110 110	HH	3, 55		111 110 55 99 66 33 3110 77 12 14 15 15 15 15 15 15 15 15 15 15 15 15 15	2 MM 1,63 mm 1,63 mm 1,78 mm 1,78 mm 1,78 mm 1,78 mm 1,78 mm 1,77 mm 1	122 100 100 100 100 100 100 100 100 100	HH
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 High static pressure Input power Signal 0-10V Duct type fan coil sound data (3) Sound power level (inlet + radiated) Sound power level (outlet)	kW I/h kPa kW I/h kPa kW kW I/h kPa  type no. m³/h Pa W %	2, 4 4 1 2, 3 3 4 4 4 4 4	333 336 688 88 667 660 88 220 771 778 77 166	88,877,777,777,777,777,777,777,777,777,	22 M 34 332 77 15 220 8 8 00 00 00 00 888 8 8 3 3 3 1,0	8,8,77 7,72 2 4,4,4,3,3,3,77 2 5 5 5 5 5 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7	H	2, 44 2, 1, 1, 44 44 41 41	117 111 16 16 16 16 17 17 14 17 17 17 17 17 17 17 17 17 17 17 17 17	9, 88, 11 14, 44, 33, 70 11 11 11 11 11 11 11 11 11 11 11 11 11	22 M 552 S S S S S S S S S S S S S S S S S S	100 88 88 88 44, 33, 88 77 (00 95 95 95 95 95 95 95 95 95 95 95 95 95	H  O,15  1990  112  O00  112  O00  112  Centr  Inverse 99  60  78  90  88,0	66   55     33   55     22   24   4     4     4     4     4     4     4     4     4     4     4     4     4     4     4       4	5.58 666 55 .27 662 55 .81 .10 .83 .5 .5 .21 .45	111 112 113 114 115 115 116 117 117 117 117 117 117 117 117 117	2 M M 155 68 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	111 100 110 110 110 110 110 110 110 110	HH	3, 55		111 110 55 99 66 33 3110 77 12 14 15 15 15 15 15 15 15 15 15 15 15 15 15	2 MM	122 100 100 100 100 100 100 100 100 100	HH

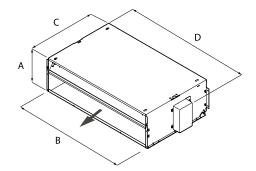
<sup>(1)</sup> Room air temperature 20 °C d.b.; Water (in/out) 70 °C/60 °C
(2) Room air temperature 20 °C d.b.; Water (in/out) 45 °C/40 °C; EUROVENT
(3) Aermec determines the sound power value on the basis of measurements taken in accordance with standard UNI EN 16583:15, respecting the Eurovent certification.

# 4-pipe

		FCZI201P			FCZI301P			FCZI401P				CZI501F	,	FCZI701P				P	
		1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
		L	М	Н	L	М	Н	L	М	Н	L	М	Н	L	М	Н	L	М	Н
Heating performance 65 °C / 55 °C (1)																			
Heating capacity	kW	0,94	1,42	1,49	1,60	2,34	2,47	1,99	2,69	2,85	2,62	3,59	3,45	2,99	3,70	3,92	3,17	5,09	5,47
Water flow rate system side	l/h	81	122	128	138	201	212	171	231	245	225	309	297	257	318	337	273	438	470
Pressure drop system side	kPa	4	9	9	6	12	13	4	7	8	6	9	9	8	12	13	4	10	11
Cooling performance 7 °C / 12 °C																			
Cooling capacity	kW	0,80	1,37	1,45	1,40	2,38	2,53	2,03	2,98	3,21	2,73	3,68	3,84	2,20	4,00	4,30	2,80	4,80	5,24
Sensible cooling capacity	kW	0,63	1,13	1,20	1,10	1,82	1,94	1,45	2,18	2,36	1,98	2,73	2,85	1,71	3,00	3,20	2,10	3,60	3,90
Water flow rate system side	l/h	138	236	249	241	409	435	349	512	552	469	633	660	378	688	739	482	825	901
Pressure drop system side	kPa	5	14	16	7	15	17	9	13	20	13	23	25	6	18	20	5	12	13
Fan																			
Туре	type									Centr	ifugal								
Fan motor	type									Inve	erter								
Number	no.		1			2			2			2			3			3	
Air flow rate	m³/h	123	240	257	225	390	424	300	470	515	410	600	630	405	730	799	405	730	799
High static pressure	Pa	13	50	57	16	50	59	20	50	60	23	50	55	15	50	60	15	50	60
Input power	W	7	27	31	10	31	40	14	38	58	18	50	60	21	61	78	21	61	78
Signal 0-10V	%	43	84	90	48	83	90	52	82	90	58	85	90	46	82	90	45	84	90
Duct type fan coil sound data (2)																			
Sound power level (inlet + radiated)	dB(A)	37,0	57,0	59,0	36,0	50,0	53,0	43,0	53,0	55,0	45,0	56,0	57,0	41,0	55,0	58,0	41,0	55,0	58,0
Sound power level (outlet)	dB(A)	33,0	53,0	55,0	32,0	47,0	49,0	39,0	49,0	52,0	42,0	52,0	52,0	36,0	51,0	54,0	36,0	51,0	54,0
Finned pack heat exchanger																			
Water content main heat exchanger			0,5			0,8			1,0			1,0			1,2			1,8	
Water content secondary heat exchanger	1		0,2			0,3			0,3			0,3			0,4			0,7	
Diametre hydraulic fittings																			
Main heat exchanger	Ø		1/2"			3/4"			3/4"			3/4"			3/4"			3/4"	
Secondary heat exchanger	Ø									1/	2″								

<sup>(1)</sup> Room air temperature 20°C d.b.; Water (in/out) 65 °C/55 °C; EUROVENT (2) Aermec determines the sound power value on the basis of measurements taken in accordance with standard UN| EN 16583:15, respecting the Eurovent certification.

# **DIMENSIONS**



		FCZI200P	FCZI250P	FCZI300P	FCZI350P	FCZI400P	FCZI450P
Dimensions and weights		FCZIZUUP	FCZIZOUP	rczisuur	rczissur	FCZ1400P	r(ZI43UP
	mm	216	216	216	216	216	216
A B		522	522	753	753	973	973
<u>D</u>	mm						
(	mm	453	453	453	453	453	453
<u>D</u>	mm	562	562	793	793	1013	1013
Net weight	kg	12,0	14,0	14,0	16,0	20,0	22,0
		FCZI500P	FCZI550P	FCZI700P	FCZ1750P	FCZI900P	FCZ1950P
Dimensions and weights							
A	mm	216	216	216	216	216	216
В	mm	973	973	1122	1122	1122	1122
C	mm	453	453	453	453	558	558
D	mm	1013	1013	1147	1147	1147	1147
Net weight	kg	23,0	24,0	29,0	31,0	32,0	32,0
		FCZI201P	FCZI202P	FCZI301P	FCZI302P	FCZI401P	FCZI402P
Dimensions and weights							
A	mm	216	216	216	216	216	216
В	mm	522	522	753	753	973	973
C	mm	453	453	453	453	453	453
D	mm	562	562	793	793	1013	1013
Net weight	kg	13,0	14,0	15,0	16,0	21,0	22,0
		FCZI501P	FCZI502P		FCZI701P	FCZI702P	FCZI901P
Dimensions and weights							
A	mm	216	216		216	216	216
					1122	1122	1122
В	mm	973	973		1122	1122	1122
<u>B</u>	mm mm	973 453	973 453		453	453	558
B C D							