

















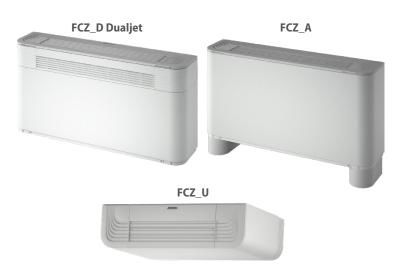


## **FCZ**

# Fan coils Universal and floor installation



- Extremely silent operation
- Advanced controller allowing programming via smart devices
- Dualjet version for highest four-season comfort





Drawing from its wide experience in the field of fan coils, Aermec presents the new FCZ series: elegant design goes hand in hand with low noise and notable energy savings.

FCZ can be installed in any 2/4 pipe system and operates with any heat generator even at low temperatures. Thanks to numerous configurations and models Aermec offers the ideal solution for any need.

### Versions without installed controller

### Vertical or horizontal installation:

 $FCZ_U$ 

FCZ\_UA

FCZ\_UF

#### **Vertical installation:**

FCZ\_DS

FCZ AS

FCZ AF

### **Versions with installed controller**

#### **Vertical installation:**

FCZ D

FCZ\_A

FCZ ACT

FCZ APC

- Housing RAL9003, grille/feet RAL 7047
- 3-speed fan.
- Electric motors with permanently inserted condensers
- Metallic protective cabinet with rustproofing polyester paint
- Adjustable air distribution grille (U version)
- Automatic power-off function with closure of the air delivery grille, (U version)
- Low pressure drop coil
- Easy installation and maintenance

- G2 air filter for all versions. APC versions equipped with Coldplasma Air purifier: this is able to reduce pollutants, decomposing their molecules using electrical charges, causing the water molecules in the air to split into positive and negative ions. These ions neutralise the molecules in the gaseous pollutants, obtaining products normally present in clean air. The device is able to eliminate 90% of the bacteria. The result is clean, ionized air, free of foul odours.
- Extractable shrouds for easy, effective cleaning
- The hydraulic connections can be inverted during installation (only valid for units with a single coil, those with a supplementary coil cannot be inverted).

The ThermApp application (applicable with T-TOUCH controller) operates by simply placing a smart device on the fan coil. The App allows working mode and time schedule programming, sleep mode activation, alarm listing, etc. ThermApp is available for Android Operating Systems.



#### **CONFIGURATIONS AVAILABLE**

#### With fixed grille (vertical free-standing) - A





(accessory)

FCZ A

With switch

#### FCZ\_AS

- Without installed controller
- Compatible with VMF system

#### FCZ ACT

— With electronic controller (for 2 pipe systems)

#### FCZ APC

- With electronic controller (for 2 pipe systems)
- With Cold Plasma purifier

#### **Vertical installation only**

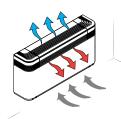
For 2/4 pipe systems

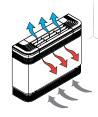


### $FCZ\_AF$

- Without installed controller
- Compatible with VMF system
- Front intake louver

### With double flow (Dualjet) - D





Dualjet, unique to Aermec, offers notably improved seasonal comfort by directing the air flow according to the season. In winter warm air is directed towards the floor; in summer cool air is directed towards the ceiling.

FCZ\_D With installed controller
FCZ\_DS Without installed controller

FCZ\_DS units are compatible with the T-TOUCH controller and VMF system, (contact Aermec for futher details)

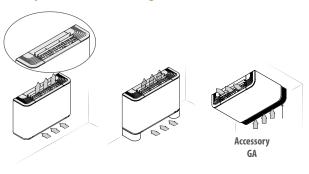
 The air supply orientation (frontal or top is adjuested by acting directly on the grille.

### **Vertical installation only**

— For 2 pipe system (4 pipe system with VCF\_X4, VMF system or T-TOUCH)

#### With adjustable/fixed grille (Universal) - U

### With adjustable air distribution grille - U



#### FCZ\_U

- Without installed controller
- Compatible with VMF system
- Adjustable grille

Single for size 1-2-3

Three independent for sizes 4-5-6-7-8-9-10

#### With the flap completely closed the unit is off

#### Vertical or horizontal installation

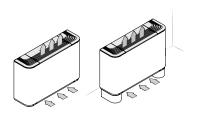
— For 2/4 pipe systems



#### FCZ\_UF

- Without installed controller
- Compatible with VMF system
- Adjustable grille front intake louver

### With fixed air distribution grille - UA





### FCZ\_UA

- Without installed controller
- Compatible with VMF system
- Fixed grille

#### Vertical or horizontal installation

— For 2/4 pipe systems

### CONFIGURATOR

Field	Description
1,2,3	FCZ
4	Size
	1-2-3-4-5-6-7-8-9-10
5	Main coil
0	Standard
5	Oversized (1)
6	Supplementary coil
0	Without coil
1	Standard
2	Oversized
7,8	Versions
D	Dualjet with installed controller
DS	Dualjet without installed controller

Field	Description
A	Free standing with switch
AS	Free standing without switch
AF	Free standing without switch Front intake louver
ACT	Free standing with electronic controller
APC	Free standing, electronic controller and Cold Plasma purifier
U	Universal with adjustable grille, without installed controller
UF	Universal with adjustable grille, without installed controller front intake louver
UA	Universal with fixed grille without installed controller

### **SIZE AVAILABLE BY VERSION**

Versions								Size avai	lable wit	th main o	oil only (	(2 pipes)							
FCZ	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000
A	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
AS	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
AF	•	•	•	•	•	•	•	•	•	•	- /	/	/	/	/	/	•	•	•
ACT	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
APC	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
U	•	•	•	•	•		•	•	•	•	/	/	/	/	•	•	•		•
UF	•	•	•	•	•	•	•	•	•	•	/	/	/	/	/	/	•	•	•
UA					•				•	•	•					•	•		
D	/	/	•	/	•	/	•	/	•	/	1	/	/	/	/	/	/	/	/
DS	/	/	•	/	•	/	•	/	•	/	/	/	/	/	/	/	/	/	/
Versions							Size av	ailable wi	ith main	and sup	plementa	ary coil (4	pipes)				-		
FCZ	101	102	201	202	301	302	401					601	602	701	702	801	802	901	1001
A	•	•	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•	•
AS		•	•					•	•		•			•	•	•	•	•	
ACT	/	/	/	/	/	/	/	/	/		/	/	/	/	/	/	/	/	/
APC	/	/	/	/	/	/	/	/	/		/	/	/	/	/	/	/	/	/
U		•		•		•		•						•					
UA	•	•	•		•	•	•	•	•		•	•	•	•	•	•	•	•	•
D	/	/	/	/	/	/	/	/	/		/	/	/	/	/	/	/	/	/
DS		/	/	/	/		/	/	/		/	/	/	/	/	/	/	/	

www.aermec.com FCZ\_Y\_UN50\_03

<sup>(1)</sup> Oversized coil "5" does not allow the installation of the supplementary coil "1 or 2"  $\,$ 

#### **ACCESSORIES**

#### **Control panel**

**T-TOUCH:** Touch controller mounted on-board. allows remote control with (Android) smart devices using the ThermApp application.

A range of dedicated controllers, wall-mounted or on the machine, is available but it is essential to choose between these panels for simple and complete tuning, for more details please refer to the dedicated sheet.

#### Probes and accessories for control panels

**SW3:** water temperature probe allowing automatic season change on electronic controllers supplied with water-side change over

**SIT 3 - 5:** Thermostat Interface Card allowing the creation of a network of fan coils (max. 10) commanded by a central control panel (selector or thermostat)

SIT3: commands the 3 fan speeds and must be installed on each fan coil within the network; receives the commands from the selector or the SIT5 card. SIT5: commands the 3 fan speeds and up to 2 valves (four pipe systems); sends the thermostat's commands to the fan coil network.

#### **VMF** system

**VMF-EOX:** thermostat accessory to be mounted on the side of the fancoil, equipped with air and water sensors as standard; controls 2 pipe, 4 pipe, 2 pipe + Cold Plasma, 2 pipe + UV lamps, 2 pipe + electrical heater systems. Equipped with external contact to be used as low voltage remote ON-OFF. This thermostat can create a single fancoil zone through 2-wire serial communication (1 master + maximum 5 slaves). The thermostat is fuse protected.

**VMF-E19:** Thermostat to be secured to the side of the fan coil, fitted as standard with an air probe and a water probe.

VMF-IO: Expansion board that expands the availability of Digital Inputs and Outputs

**VMF-LON:** Expansion that allows interfacing with a thermostat with BMS systems using the LON protocol.

**VMF-E22:** User interface for mounting on the unit with two selectors: one to control the temperature and one for the speed.

**VMF-E4X:** Wall mounted user interface allowing control via a capacitive touch keyboard.

**VMF-SW:** Water sensor replacing that supplied with VMF-E19 thermostats for installation upstream of the valve.

**VMF-SW1:** Additional water sensor for 4-pipe systems with E1 thermostats offering maximum control in the cooling range.

#### Hot water coil

**BV:** Single row hot water heat exchanger. Not available for versions with Cold Plasma.

#### **Electrical heater**

**RX:** Armoured electrical coil with safety thermostat (requires a thermostat with heater management). Not available for 4-row or Cold Plasma versions

#### Valve kit

VCZ\_X4: Valve kits for single coil units, installed in 4 pipe systems with totally separated "Cooling" and "Heating" circuits. The kit consists of 2 valves with 3-way 4 port connection complete with electro-thermal actuators, insulating shells for the valves and associated hydraulic piping. Version\_X4L valve kit allows left side connection. Version\_X4R valve kit allows right side connection. Power supply 230V ~ 50Hz

**VCZ or VCF: kit containing a motorised 3-way valve** with insulating shell plus coupling and pipes in insulated copper. Applicable for standard or oversized main coil. Available with 230V and 24V~50Hz power supply.

**VCZD or VCFD: Kit consisting of powered 2-way valve**, copper couplings and pipes applicable for standard or oversized main coil. Available with 230V and 24V~50Hz power supply.

VJP/VJP\_M: 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, is available with 230V and 24V~50Hz power supply.

**The VJP is controlled by on-off logic** with compatible control panels (accessories)

**The VJP\_M is controlled by modulating logic** with panels not supplied by Aermec

The design water flow rate is crucial to refine the selection of the valve shown in the compatibility table.

#### **Installation accessoires**

AMP - AMPZ: Wall mounting kit.

**BCZ:** Drip tray

PCZ: Sheet metal panel to close rear of unit

**GA:** Grille to hide hydraulics and electrics on ceiling mounted units; also applicable for floor installation.

**ZXZ:** Mounting feet (set of 2).

 Refer to dedicated product Leaflet for further details concerning control panel and VMF System.

#### **COMPATIBILITY OF ACCESSORIES**

											Sing	le coil r	nodel								
FCZ			100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000
Probes and acces	sories for control panels																				
AER503	AS-AF-U-UA-UF-DS		•	•		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
SW5	AS-AF-U-UA-UF-DS		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
SA5	AS-AF-U-UA-UF-DS		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
TXB	AS-AF-U-UA-UF-DS		•	•	•	•	•	•	•	•	•	•	•		•	•	•	•	•	•	•
T-TOUCH	AS-AF-U-UA-UF-DS		•	•			•	•	•	•	•	•				•	•	•	•		
KTLM	AS-AF-U-UA-UF		•	•	•		•	•	•	•	•	•	*	*	*	*	*	*	•	•	•
PTINZ	AS-AF-U-UA-DS		•	•	•		•	•	•	•	•	•		•		•	•	•	•	•	•
PX	AS-AF-U-UA-UF	(1)					•	•	•			•				•	•	•			•
PX2Z	AS-AF-U-UA-UF		•	•	•		•	•	•	•	•	•	•	•		•		•	•	•	•
PXAE-PXAR	AS-AF-U-UA-UF	(1)	•	•	•		•	•	•	•	•	•	•			•	•	•	•		•
TPF	AS-AF-U-UA-UF		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
WMT05-06-10	AS-AF-U-UA-UF		•	•	•		•	•	•	•	•	•	•			•	•	•	•	•	•
TPFW	AS-AF-U-UA-UF		•	•	•		•	•	•	•	•	•				•	•	•	•		•
SWA	AS-AF-U-UA-UF									- 1	n combi	nation v	ith TPF\	N							
SW3	AS-AF-U-UA-UF									In co	mbinati	on with	PXAE o	PXAR							
SIT3	AS-AF-U-UA-UF						In c	ombinat	ion with	TPFW o	r PXAE	or PXAR	or PX2 o	r PX or F	X2C6 W	MT05-0	6-10				
SIT5	AS-AF-U-UA-UF								lr	combir	nation w	ith TPFV	V or PXA	E or PX	١R						

												le coil r									
FCZ		1	00	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000
VMF System																					
VMF-E0X	AS-AF-U-UA-UF-DS*		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
VMF-E19	AS-AF-U-UA-UF-DS*		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
VMF-I0	AS-AF-U-UA-UF-DS*		•	٠	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
VMF-LON	AS-AF-U-UA-UF-DS*		•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	•		
VMF-E2Z	AS-AF-U-UA-UF		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
VMF-E4X	AS-AF-U-UA-UF						•	•	•							•	•				
VMF-SW	AS-AF-U-UA-UF		•																	•	
VMF-SW1	AS-AF-U-UA-UF						•	•		•						•					
Additional coil (h																					
BV117	A-AS-AF-U-UA-UF																				
BV122	A-AS-AF-U-UA-UF																				
BV132	A-AS-AF-U-UA-UF						•														
BV142	A-AS-AF-U-UA-UF		-														-				
BVZ800	A-AS-AF-U-UA-UF												•		•		•				
BV162	A-AS-AF-U-UA-UF									-									•		•
Electrical Heat Ex																					<u> </u>
RX17	AS-AF-U-UA-UF																				
			•																-		
RX22	AS-AF-U-UA-UF				•																
RX32	AS-AF-U-UA-UF						•												_		
RX42	AS-AF-U-UA-UF								•												
RX52	AS-AF-U-UA-UF										•										
RXZ800	AS-AF-U-UA-UF												•		•		•				
RX62	AS-AF-U-UA-UF																		•		•
Water valves **																					
	e systems with main coil																				
VCZ1X4L-R	AS-AF-U-UA-UF (DS+sist. VMF / T-	rouch)	•	•	•	•															
VCZ2X4L-R	AS-AF-U-UA-UF (DS+sist. VMF / T-	rouch)					•	•	•	•	•	•	•	•	•	•	•	•	_		
VCZ3X4L-R	AS-AF-U-UA-UF (DS+sist. VMF / T-	rouch)																	•	•	•
3 way valve kit																					
VCZ41/4124	AS-AF-ACT-APC-U-UA-UF-D-DS	(2)	•	•	•																
VCZ42/4224	AS-AF-ACT-APC-U-UA-UF-D-DS	(2)					•	•	•			•				•	•	•			
VCZ43/4324	AS-AF-ACT-APC-U-UA-UF-D-DS	(2)																			
2 way valve kit																					
VCZD1/124	AS-AF-ACT-APC-U-UA-UF-D-DS	(2)																			
VCZD2/224	AS-AF-ACT-APC-U-UA-UF-D-DS	(2)																			
VCZD3/324	AS-AF-ACT-APC-U-UA-UF-D-DS	(2)																			•
	ment and balancing valve indepe		essui	re																	
VJP060	AS-AF-ACT-APC-U-UA-UF-D-DS		•	•			•	•													
VJP090	AS-AF-ACT-APC-U-UA-UF-D-DS								•	-											
VJP150	AS-AF-ACT-APC-U-UA-UF-D-DS																				
VJP060M	AS-AF-ACT-APC-U-UA-UF-D-DS	(2)				•	•	•									<u> </u>			<u> </u>	<u> </u>
VJP090M	AS-AF-ACT-APC-U-UA-UF-D-DS	(2)	•																		
VJP150M	AS-AF-ACT-APC-U-UA-UF-D-DS	(2)							•	•	•	•	÷	•							
Installation acces		(2)											•	•	•	•	•	•	•	<u>.</u>	<u> </u>
AMP20									-								-				
	U-UA-UF U-UA-UF		•	•	•	•	•	•	•	•	•	•									
AMPZ			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	_•
BCZ4	(Inst. vertical)		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
BCZ5	(Inst. horizontal)		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•			
BCZ6	(Inst. horizontal)																		•	•	•
Panel to close rea																					
PCZ100	All		•	•																	
PCZ200	All				•	•															
PCZ300	All						•	•													
PCZ500	All								•	•	•	•									
PCZ800	All												•	•	•	•	•	٠			
PCZ1000	All																		•	•	•
Grille for ceiling r	nounted units																				
GA100	U-UA-UF		•	•																	
GA200	U-UA-UF																				
GA300	U-UA-UF																				-
GA500	U-UA-UF								•	•	•	•									
GA800	U-UA-UF												•	•	•	•	•	•	•	•	•
Mounting feet																					
ZXZ	All								•	•							•		•		
	oncerning control namels and VME syste		_																		

For further details concerning control panels and VMF system refer to the dedicated sheets.

\* Contact Aermec

\*\* The water valves can be combined with the unit if it is also provided a control panel that controls

PTINZ e PX2Z Installation on the machine

(1) Only for wall installation; PX2C6 panel PX2 in multiples of 6

(2) VCZ4124-VCZ4224-VCZ4324-VCZ0124-VCZ024-VCZ0324-VJP60M-VJP090M-VJP150M are 24V

							Twin	coil mo	dels											
FCZ			101	102	201	202	301	302	401	402	501	502	601	602	701	702	801	802	901	1001
	sories for control panels																			
AER503	AS-U-UA			•	•												•		•	•
SW5	AS-U-UA		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
SA5	AS-U-UA		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
TXB	AS-U-UA		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
T-TOUCH	AS-U-UA		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
PTI4Z	AS-U-UA		•		•	•				•		•		•			•	•	•	•
KTLM	AS-U-UA				•	•						•	*	*	*	*	*	*	*	*
TPF	AS-U-UA		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
WMT06-10	AS-U-UA		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
TPFW	AS-U-UA		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
PXAE	AS-U-UA	(1)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
SWA	AS-U-UA									In co	ombinati	on with T	PFW							
SIT3	AS-U-UA									In co	ombinati	on with T	PFW							
SIT5	AS-U-UA									In co	ombinati	on with T	PFW							
VMF System																				
VMF-E0X	AS-U-UA			•	•	•	•				•		•	•	•	•	•	•	•	•
VMF-E19	AS-U-UA		•	•	•	•				•		•	•	•		•	•	•		•
VMF-IO	AS-U-UA			•	•	•	•		•	•	•	•	•	•	•	•	•	•		•
VMF-LON	AS-U-UA		•	•	•	•						•	•	•			•	•		•
VMF-E2Z	AS-U-UA		•	•	•	•				•		•	•	•			•	•		•
VMF-E4X	AS-U-UA		•	•	•	•							•				•	•	•	•
VMF-SW	AS-U-UA		•	•	•	•	•		•	•		•	•	•			•	•		•
VMF-SW1	AS-U-UA			•	•	•						-		-		-			•	•
Water valves **	715 0 071																			
3 way valve kit																				
VCZ41/4124	AS-U-UA	(2)																		
VCZ42/4224	AS-U-UA	(2)										•	•				•	•		
VCZ43/4324	AS-U-UA	(2)									-					-				•
2 way valve kit	15 0 011	(-)			-															
VCZD1/124	AS-U-UA	(2)		•																
VCZD2/224	AS-U-UA	(2)															•	•		
VCZD3/324	AS-U-UA	(2)																		•
	or heating coil only	(2)																		
VCFD4/424	AS-U-UA				•								•			-	•	•		
	ment and balancing valve	indenenden	t of nre	CCIIFA																
VJP060	AS-U-UA	шисреписп	t or pre.		•	•	•													
			•	•	•	•	<u> </u>	<u> </u>												
VJP090	AS-U-UA								•	•	•	•	•	•						
VJP150	AS-U-UA												•	•	•	•	•	•	•	•
VJP060M	AS-U-UA	(2)	•	•	•	•	•	•												
VJP090M	AS-U-UA	(2)							•	•	•	•	•	•						
VJP150M	AS-U-UA	(2)												•			•	•	•	•
Installation acce	ssories																			
AMP20	U-UA		•	•	•	•	•	•	•	•	•	•								
AMPZ	U-UA		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
BCZ4	(Inst. vertical)		•		•	•	•			•	•	•		•	•	•	•	•	•	•
BCZ5	(Inst. horizontal)																			
BCZ6	(Inst. horizontal)																			•
Panel to close rea																				
PCZ100	All			•																
PCZ200	All				•															
PCZ300	All																			
PCZ500	All						•	•	•		-	•								
PCZ800	All								•	•	•	•					•			
PCZ1000	All									-			•	•	•	•	•	•	•	•
Grille for ceiling		-																	•	<u> </u>
GA100	U-UA	-																		
GA200	U-UA		•	•																
GA200 GA300	U-UA				•	•														
							•	•												
GA500 GA800	U-UA								•	•	•	•								
	U-UA												•	•	•	•	•	•	•	
Mounting feet	All																			
ZXZ	MII		•	<u> </u>	<u> </u>	<u> </u>	<u> </u>	•	<u> </u>	<u> </u>	<u> </u>	<u> </u>	•	<u> </u>	<u> </u>	<u> </u>	•	•	•	<u> </u>

For further details concerning control panels and VMF system refer to the dedicated sheets.

\* Contact Aermec

VJP / VJP\_M The compatibility of the valves in the hot branch plant 4 tubes, check with the design water flow

\*\*The water valves can be combined with the unit if it is also provided a control panel that controls

(1) Only for wall installation

(2) VCZ4124-VCZ4224-VCZ4324-VCZD124-VCZD224-VCZD324-VJP60M-VJP090M-VJP150M are 24V

#### **TECHNICAL DATA - UNIT WITH SINGLE COIL**

Size				100			150			00		250	$\neg$		300		350			400			450			500			550	
Fan speed			Н	M	1	Н		L		M L	Н	M	L	Н	M I	. Н	M	L	Н	400 M	L	Н	430 M	L	Н	M		Н		$\overline{\iota}$
			п	IVI	L	п	IVI		п	VI L	П	IVI		п	IVI L	.   п	IVI		п	IVI	-	п	IVI	L	п	IVI	L	п	IVI	_
Heating Performance																														
2 pipe systems	/1\	LAM	2 40	2.00	1 15	265	2 10 1	EE 3	70 2	05 20	2 4 05	2 10	2 20	E E0	1 16 2	17 6 1	F 402	2 77	7 15	E 71	122	7 02	6 20	1 [7	0 [0	7 21	E 27	0.75	0 2 4 5	. 02
Heating capacity (70°C)	(1)	kW	2,40					_		95 2,0					4,46 3,4				_				6,29			7,31			8,34 5	
Water flow rate	(1)	I/h	206		_			_		58 17	_	278	$\rightarrow$		391 30	_		330	627	503	379	685	551				462			510
Pressure drop	(1)	kPa	9,0	7,0	4,0			_	18,0 1		<u> </u>	15,0		18,0			0 14,0		, .	16,0	- , -	-	11,0			21,0			20,0 1	
Heating capacity (45°C)	(2)	kW	1,19		0,72			-		46 1,0					2,21 1,3		6 2,44		-			-			4,22		-		4,14 2	
Water flow rate	(2)	l/h	207		126			_		54 17			$\rightarrow$		385 29	_			617	495		675	543	394						502
Pressure drop	(2)	kPa	9,5	7,0	4,0	12,5	9,0	5,0   1	1/,5 I.	2,0 6,0	)  22,0	15,0	8,0	17,5	12,0 8,	0   20,	5 14,0	8,5	23,5	16,0	9,5	16,0	11,0	6,0	28,0	21,0	12,0	25,5	19,5 1	10,0
Cooling Performance	(2)	1111			0 (5	4.07				20.00			4.04	2 (5				4.00	2	2.00	2.22		2.24	2.44		2 40	2 (0	. =0		
Total cooling capacity	(3)	kW	1,00					_		28 0,8				2,65		_	2 2,46		3,60			-	3,21			3,69	-		4,13 2	,
Sensible cooling capacity	(3)	kW	-	0,69		0,97 (		_		05 0,7					1,65 1,2		8 1,76		-			_					-		2,98 2	_
Cooling capacity (latent)	(3)	kW	.,		,	0,30 (	,			.23 0,1					0,52 0,4				_			_				0,96			1,15 0	
Water flow rate	(3)	I/h	172		$\overline{}$			_		21 15			$\rightarrow$		374 28	_			619	503	379	694	552	$\overline{}$						501
Pressure drop	(3)	kPa	8,0	6,0	4,0	13,0	12,0 (	6,0   1	18,0 1	2,5 6,5	5   25,0	17,0	8,5	18,0	13,0 8,	0   25,	17,5	11,0	24,0	16,5	10,0	22,0	15,0	9,0	29,0	22,5	13,0	28,0	21,5 1	11,5
Fans																														
Centrifugal Fans		n°			1						1					2						2					2			
Air flow rate		m³/h	200	160	110	200	160 1	110 2	290 2	20 14	290	220	140	450	350 26	0   450	350	260	600	460	330	600	460	330	720	600	400	720	600 4	400_
Sound level																														
Sound power level	(4)	dB(A)	45	38	31			_		16 35	_	46	35	48	41 3	_		34	51	44	37	51	44	37	56	51	42	56		42
Sound pressure level		dB(A)	37	30	23	37	30	23	43	38 27	43	38	27	40	33 2	6 40	33	26	43	36	29	43	36	29	48	43	34	48	43	34_
Hydraulic connections																														
Main coil																														
Standard		Ø		1/2"			/		1,	/2"		/			3/4"		/			3/4"			/			3/4"			/	
Oversized		Ø		_/_			1/2"			/		1/2"			1		3/4"						3/4"			/			3/4"	
Electrical data																														
Absorbed power		W	35	29	19	35	29	19	33 2	29 25	33	29	25	44	33 2	5 44		25	57	43	30	57	43	30	76	52	38	76	52	38
Connected for speeds			V3	V2	V1	V3	V2	V1	V3 \	/2 V1	V3	V2	V1	V3	V2 V	1 V3	V2	V1	V3	V2	٧1	V3	V2	V1	٧3	V2	V1	V3	V2	V1_
Power supply															230	V~50ŀ	łz													
																														_
Size				600			650	)		700			750			800		8	350			900			950			100	0	
			-			-		_	_		_	_			_		_			_				_			-			
Fan speed			Н	M	L	Н	M	L	Н	М	L	Н	M	L	Н	M	L		М	L	Н	M	L	Н	M	L	Н			
Fan speed Heating Performance			Н			Н			Н			Н		L	_		L			L	Н		L	Н			Н			
			Н			Н			Н			Н		L	Н	M				L	Н		L	Н			Н			_ _ _
Heating Performance	(1)	kW	H 10,0	М	L		М	L			L				_	M		Н	М		H 15,14	M			M	L		М		
Heating Performance 2 pipe systems	(1)	kW I/h		M 0 8,10	6,50	0 11,5	М	<b>L</b> 5 7,1	9 11,0	M 00 9,80	<b>L</b> 8,10		M		Н	M 0,80 9	9,80 1	Н	M 2,35 1	1,30		M 13,35	10,77	17,10	M 14,42	L	0 17,0	M 02 15,2	L	56
Heating Performance 2 pipe systems Heating capacity (70°C) Water flow rate Pressure drop			10,0	M 0 8,10 710 17,8	6,50 570 12,0	0 11,5	M 50 9,15 8 802 0 21,0	5 7,1 2 63 0 13,	9 11,0 1 96, 5 29,	M 00 9,80 4 860 1 23,6	8,10 710 16,8	12,50	M 11,30 991 15,0	9,10 798 10,0	12,00 1 1052 32,2	M (0,80 9 947 ) (26,6 2	9,80   1- 859   1 22,4   2	<b>H</b> 4,00 1: 227 1	M 2,35 1	1,30 991	15,14 1328	M 13,35 1171 17,4	10,77 945 12,0	17,10	M 14,42 1264 24,5	L 2 11,20 4 982 5 15,5	0 17,0 2 149 5 38,	M 02 15,2 13 133	L 24 12,5 7 110	56
Heating Performance 2 pipe systems Heating capacity (70°C) Water flow rate	(1)	l/h	10,0	M 0 8,10 710 17,8	6,50 570 12,0	0 11,5 0 1000 0 31,0	M 50 9,15 8 802 0 21,0	5 7,1 2 63 0 13,	9 11,0 1 96, 5 29,	M 00 9,80 4 860	8,10 710 16,8	12,50 1096	M 11,30 991 15,0	9,10 798 10,0	12,00 1 1052	M (0,80 9 947 ) (26,6 2	9,80   1- 859   1 22,4   2	<b>H</b> 4,00 13 227 1	M 2,35 1 083	1,30 991 17,0	15,14 1328 22,0	M 13,35 1171 17,4	10,77 945 12,0	17,10	M 14,42 1264 24,5	L 2 11,20 1 982	0 17,0 2 149 5 38,	M 02 15,2 13 133 5 31,	L 24 12,5 7 110	56 11 0
Heating Performance 2 pipe systems Heating capacity (70°C) Water flow rate Pressure drop	(1)	I/h kPa	10,0 877 26,0	M 0 8,10 710 17,8	6,50 570 12,0 3.32	0 11,5 0 1000 0 31,0 2 5,72	M 50 9,15 8 802 0 21,0 2 4,55	5 7,1 2 63 0 13, 5 3.5	9 11,0 1 96 5 29,	M 00 9,80 4 860 1 23,6 7 4,87	8,10 710 16,8 4,03	12,50 1096 18,0	M 11,30 991 15,0	9,10 798 10,0	H 12,00 1 1052 32,2 5,97	M (0,80 9 947 ) (26,6 2 5,37 4	9,80 14 859 1 22,4 2 4,87 6	4,00 1. 227 1 25,0 2	M 2,35 1 083 1	1,30 991 17,0 5,62	15,14 1328 22,0	13,35 1171 17,4 6,64	10,77 945 12,0 5,35	17,10 1500 33,0 8,50	M 14,42 1264 24,5	L 2 11,20 4 982 5 15,5 7 5,57	0 17,0 2 149 5 38, 7 8,4	M 02 15,2 13 133 5 31,6 6 7,5	L 24 12,5 7 110 5 22,0	56 01 0
Heating Performance  2 pipe systems  Heating capacity (70°C)  Water flow rate  Pressure drop  Heating capacity (45°C)	(1) (1) (2)	I/h kPa kW	10,00 877 26,0 4,97	M 0 8,10 710 17,8 4,03 699	6,50 570 12,0 3.32 561	0 11,5 0 1000 0 31,0 2 5,72 1 993	M 50 9,15 8 802 0 21,0 2 4,55 8 790	5 7,1 2 63 0 13, 5 3.5 0 62	9 11,0 1 96 5 29, 7 5,4 1 95	M 00 9,80 4 860 1 23,6 7 4,87 0 846	8,10 710 16,8 4,03 699	12,50 1096 18,0 6,21	M 11,30 991 15,0 5,62	9,10 798 10,0 4,52	12,00 1 1052 32,2 5,97 1036	M (0,80 9 947 ) (26,6 2 5,37 4 932 )	9,80 1- 859 1 22,4 2 4,87 6 846 1	4,00 1. 227 1 25,0 2 6,96 6 209 1	M 2,35 1 083 9 0,0 5,14 5	1,30 991 17,0 5,62 975	15,14 1328 22,0 7,53 1307	13,35 1171 17,4 6,64	10,77 945 12,0 5,35	17,10 1500 33,0 8,50	M 14,42 1264 24,5 7,17	L 2 11,20 4 982 5 15,57 5 967	0 17,0 2 149 5 38,4 7 8,4	M 22 15,2 3 133 5 31, 6 7,5 6 131	24 12,5 7 110 5 22,0 8 6,2	56 0 4 34
Heating Performance 2 pipe systems Heating capacity (70°C) Water flow rate Pressure drop Heating capacity (45°C) Water flow rate	(1) (1) (2) (2) (2)	I/h kPa kW I/h kPa	10,00 877 26,0 4,97 863	M 0 8,10 710 17,8 4,03 699	6,50 570 12,0 3.32 561	0 11,5 0 1000 0 31,0 2 5,72 1 993	M 50 9,15 8 802 0 21,0 2 4,55 8 790	5 7,1 2 63 0 13, 5 3.5 0 62	9 11,0 1 96 5 29, 7 5,4 1 95	M 00 9,80 4 860 1 23,6 7 4,87 0 846	8,10 710 16,8 4,03 699	12,50 1096 18,0 6,21 1079	M 11,30 991 15,0 5,62 975	9,10 798 10,0 4,52 786	12,00 1 1052 32,2 5,97 1036	M (0,80 9 947 ) (26,6 2 5,37 4 932 )	9,80 1- 859 1 22,4 2 4,87 6 846 1	4,00 1. 227 1 25,0 2 6,96 6	M 2,35 1 083 9 0,0 5,14 5	1,30 991 17,0 5,62 975	15,14 1328 22,0 7,53 1307	M 13,35 1171 17,4 6,64 1152	10,777 945 12,0 5,35 930	17,10 1500 33,0 8,50 1476	M 14,42 1264 24,5 7,17 1245	L 2 11,20 4 982 5 15,57 5 967	0 17,0 2 149 5 38,4 7 8,4	M 22 15,2 3 133 5 31, 6 7,5 6 131	24 12,5 7 110 5 22,4 8 6,24 6 108	56 0 4 34
Heating Performance 2 pipe systems Heating capacity (70°C) Water flow rate Pressure drop Heating capacity (45°C) Water flow rate Pressure drop	(1) (1) (2) (2) (2)	I/h kPa kW I/h kPa	10,00 877 26,0 4,97 863	M 0 8,10 710 17,8 4,03 699 17,5	6,50 570 12,0 3.32 561 12,0	0 11,5 0 1000 0 31,0 2 5,72 1 993 0 31,0	M  50 9,15  8 802  0 21,0  2 4,55  3 790  0 20,5	L 5 7,1 2 63 0 13,5 5 3.5 0 62 5 13,	9 11,0 1 96- 5 29, 7 5,4 1 95- 5 29,	M 00 9,80 4 860 1 23,6 7 4,87 0 846 0 23,5	8,10 710 16,8 4,03 699 16,5	12,50 1096 18,0 6,21 1079 17,5	M 11,30 991 15,0 5,62 975	9,10 798 10,0 4,52 786 10,0	12,00 1 1052 32,2 5,97 1036 32,0	M 947 926,6 25,37 4932 926,0 2	9,80 1.859 1 22,4 2 4,87 6 846 1 22,0 2	4,00 1. 227 1 5,0 2 6,96 6 209 1	M 2,35 1 083 9 0,0 1 0,14 5 066 9,5	1,30 991 17,0 5,62 975 17,0	15,14 1328 22,0 7,53 1307 21,5	M 13,35 1171 17,4 6,64 1152	10,777 945 12,0 5,35 930	17,10 1500 33,0 8,50 1476 33,0	M 14,42 1264 24,5 7,17 1245 24,0	L 2 11,20 4 982 5 15,57 5 967 0 15,0	0 17,0 2 149 5 38,4 7 8,4 7 146 0 37,	M 22 15,2 3 133 5 31, 6 7,5 6 131	24 12,5 7 110 5 22,6 8 6,2 6 108 0 22,6	56 0 4 34 0
Heating Performance 2 pipe systems Heating capacity (70°C) Water flow rate Pressure drop Heating capacity (45°C) Water flow rate Pressure drop Pressure drop Prestazioni in raffredda	(1) (2) (2) (2) (2) ment	I/h kPa kW I/h kPa	10,00 877 26,0 4,97 863 25,5	M 0 8,10 710 17,8 7 4,03 699 17,5	6,50 570 12,0 3.32 561 12,0 3,22	0 11,5 0 1000 0 31,0 2 5,72 1 993 0 31,0	M  50 9,15  8 802  0 21,0  2 4,55  3 790  0 20,5	L 5 7,1 2 63 0 13, 5 3.5 13, 0 3,9 0 3,9	9 11,0 1 96. 5 29, 77 5,4 1 95. 5 29,	M 00 9,80 4 860 1 23,6 7 4,87 0 846 0 23,5	8,10 710 16,8 4,03 699 16,5	12,50 1096 18,0 6,21 1079 17,5	M 11,30 991 15,0 5,62 975 14,5	9,10 798 10,0 4,52 786 10,0	12,00 1 1052 32,2 5,97 1036 32,0	M 947 9 947 9 947 9 9 9 9 9 9 9 9 9 9 9 9	9,80 14 859 1 22,4 2 4,87 6 846 1 222,0 2	4,00 1. 227 1 25,0 2 6,96 6 209 1 25,0 1	M 2,35 1 083 9 0,0 1 0,14 5 066 9,5	1,30 991 17,0 5,62 975 17,0	15,14 1328 22,0 7,53 1307 21,5	13,35 1171 17,4 6,64 1152 17,0	10,777 945 12,0 5,35 930 12,0	17,10 1500 33,0 8,50 1476 33,0	M 14,42 1264 24,5 7,17 1245 24,0	L 2 11,20 4 982 5 15,57 5 967 0 15,0	0 17,0 2 149 5 38,7 7 8,4 7 146 0 37,	M 02 15,2 03 133 05 31,6 06 7,5 09 131 05 31,0 06 6,8	24 12,5 7 110 5 22,6 8 6,2 6 108 0 22,6	56 0 4 34 0
Heating Performance 2 pipe systems Heating capacity (70°C) Water flow rate Pressure drop Heating capacity (45°C) Water flow rate Pressure drop Pressure drop Prestazioni in raffredda Total cooling capacity	(1) (2) (2) (2) (2) ment (3)	I/h kPa kW I/h kPa to kW	10,00 877 26,0 4,97 863 25,5	M 0 8,10 710 17,8 4,03 699 17,5	6,50 570 12,0 3.32 561 12,0 3,22 2,50	0 11,5 0 1000 0 31,0 2 5,72 1 993 0 31,0 2 5,67 6 4,12	M  50 9,15  8 802  0 21,0  2 4,55  8 790  0 20,5  7 4,80	L 5 7,1 2 63 0 13, 5 3.5 0 62 5 13, 0 3,9 3 2,7	9 11,0 1 96,5 29, 7 5,4 1 95,5 29, 15 5,5 29,	M 00 9,80 4 860 1 23,6 7 4,87 0 846 0 23,5 0 4,89 0 3,76	8,10 710 16,8 4,03 699 16,5 3,92 2,99	12,50 1096 18,0 6,21 1079 17,5	M 11,30 991 15,0 5,62 975 14,5	9,10 798 10,0 4,52 786 10,0 4,27 3,20	12,00 1 1052 32,2 5,97 1036 32,0	M 947 947 947 947 948 948 948 948 948 948 948 948 948 948	9,80 14 859 1 222,4 2 4,87 6 846 1 222,0 2	4,00 12 227 1 25,0 2 6,96 6 209 1 25,0 1	M 2,35 1 083 9 0,0 6 1,14 5 066 9 9,5 6	1,30 991 17,0 5,62 975 17,0 5,26 4,00	15,14 1328 22,0 7,53 1307 21,5	13,35 1171 17,4 6,64 1152 17,0 5,00 3,78	10,777 945 12,0 5,35 930 12,0 4,29 2,97	17,10 1500 33,0 8,50 1476 33,0	M 14,42 1264 24,5 7,17 1245 24,0 7,32 4,87	L 2 11,20 4 982 5 15,57 5 967 0 15,0 2 5,77 3,80	0 17,0 2 149 5 38,4 7 8,4 7 146 0 37, 7 7,6 0 5,5	M  02 15,2  03 133  05 31,6  06 7,5  09 131  05 31,0  06 6,8  07 6,8  08 6,8  08 6,8  08 6,8  08 6,8	L 24 12,5 7 110 5 22,1 8 6,24 6 108 0 22,1	0 4 4 0 9
Heating Performance 2 pipe systems Heating capacity (70°C) Water flow rate Pressure drop Heating capacity (45°C) Water flow rate Pressure drop Pressure drop Prestazioni in raffredda Total cooling capacity Sensible cooling capacity	(1) (2) (2) (2) (2) ment (3) (3)	I/h kPa kW I/h kPa to kW	10,00 877 26,0 4,97 863 25,5 4,65 3,92	M 0 8,10 710 17,8 7 4,03 699 17,5 3,90 1 3,17 0,73	6,50 5700 12,0 3,33 561 12,0 3,22 2,56 0,66	0 11,5 0 1000 0 31,0 2 5,72 1 993 0 31,0 2 5,67 6 4,12 6 1,55	M  60 9,15  8 802  0 21,0  2 4,55  3 790  0 20,5  7 4,80  2 3,43	L 63 7,11 63 7	9 11,0 1 96,5 29,67 5,4 1 95,5 29,65 5,5 28 4,3 7 1,2	M 00 9,80 4 860 1 23,6 7 4,87 0 846 0 23,5 0 4,89 0 3,76 0 1,13	8,10 710 16,8 4,03 699 16,5 3,92 2,99 0,93	12,50 1096 18,0 6,21 1079 17,5 6,14 4,72 1,42	M 11,30 991 15,0 5,62 975 14,5 5,34 4,05 1,29	9,10 798 10,0 4,52 786 10,0 4,27 3,20 1,07	H 12,00 1 1052 32,2 5,97 1036 32,0 6,10 4,83	M 947 947 947 932 948 949 949 949 949 949 949 949 949 949	9,80 1.859 1 22,4 2 4,87 6 846 1 22,0 2 4,84 6 3,72 5	H 4,00 1.2227 1 15,0 2 2 2 2 15,0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	M 22,35 1 1 083 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1,30 991 17,0 995,62 975 117,0 11,26	15,14 1328 22,0 7,53 1307 21,5 6,91 5,68	13,35 1171 17,4 6,64 1152 17,0 5,00 3,78 1,22	10,77 945 12,0 5,35 930 12,0 4,29 2,97 1,32	17,10 1500 33,0 8,50 1476 33,0 8,60 5,78 2,82	M 14,42 1264 24,5 7,17 1245 24,0 7,32 4,87 2,45	L 982 11,20 15,55 5,577 5 967 3,80 1,97	17,0 1499 1499 1499 1499 1499 1499 1499 149	MM  202 15,7  33 133  53 31,7  66 7,5  55 31,7  22 6,8  33 5,3  9 1,5	24 12,5 7 110 5 22,6 8 6,24 6 108 0 22,6 8 5,69 4 4,4	566 011 00 44 444 00
Heating Performance 2 pipe systems Heating capacity (70°C) Water flow rate Pressure drop Heating capacity (45°C) Water flow rate Pressure drop Pressure drop Prestazioni in raffredda Total cooling capacity Sensible cooling capacity Cooling capacity (latent)	(1) (2) (2) (2) (2) ment (3) (3) (3)	I/h kPa kW I/h kPa to kW kW	10,00 8777 26,0 4,97 863 25,5 4,65 3,92 0,73 800	M  0 8,10  710  17,8  699  17,5  3,90  3,17  671	6,50 570 12,1,33 561 12,1, 3,22 2,50 0,60 554	0 11,5 0 1000 0 31,0 2 5,72 1 993 0 31,0 2 5,67 6 4,12 6 1,55 1 975	M  0 9,15  8 802  21,0  21,0  20,0  20,0  7 4,80  2 3,43  5 1,377  8255  8255	L 63 7,11 63 7,11 64 7,11 65 59:	9 11,0 1 96 5 29, 7 5,4 1 95 5 29, 95 5,5 8 4,3 7 1,2 5 94	M 00 9,800 4 8600 1 23,6 7 4,87 0 846 0 23,5 0 4,89 0 3,76 0 1,13 6 841	L 8,10 710 16,8 4,03 699 16,5 3,92 2,99 0,93 675	12,50 1096 18,0 6,21 1079 17,5 6,14 4,72 1,42 1056	M 11,30 991 15,0 5,62 975 14,5 5,34 4,05 1,29 918	9,10 798 10,0 4,52 786 10,0 4,27 3,20 1,07 734	H 12,00 1 1052 32,2 5,97 1036 32,0 6,10 4,83 1,27	M 9977 9974 11,24 7 974 11	9,80 14 859 1 22,4 2 4,87 6 846 1 222,0 2 4,84 6 3,72 5 1,12 1 833 1	H 44,00 1.227 1 155,0 2 2 155,0 2 2 155,0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	M 22,35 1 1 083 9 1 0,00 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1	1,30 991 17,0 17,0 17,0 17,0 17,0 17,0 17,0 17,	15,14 1328 22,0 7,53 1307 21,5 6,91 5,68 1,23 1189	13,35 1171 17,4 6,64 1152 17,0 5,00 3,78 1,22 860	10,777 945 12,0 5,35 930 12,0 4,29 2,97 1,32 738	17,10 1500 33,0 8,50 1476 33,0 8,60 5,78 2,82 1479	M 14,42 1264 24,5 7,17 1245 24,0 7,32 4,87 2,45 1259	L 2 11,2(1) 4 982 5,57 5 967 1 15,0 1 3,80 1 1,97 9 992	0 17,( 2 149 5 38, 7 8,44 146 0 37, 7 7,66 0 5,5 7 2,00 2 131	MM 3 133 3 133 3 133 5 31, 6 7,5 5 31, 7 2 6,8 8 3 5,3 9 1,5 1 118	L 24 12,5 7 110 5 22,0 8 6,20 6 108 0 22,0 8 5,60 4 4,42 4 1,2	0 4 4 0 9 9 2 2 7
Heating Performance 2 pipe systems Heating capacity (70°C) Water flow rate Pressure drop Heating capacity (45°C) Water flow rate Pressure drop Pressure drop Prestazioni in raffredda Total cooling capacity Sensible cooling capacity Cooling capacity (latent) Water flow rate	(1) (2) (2) (2) (2) ment (3) (3) (3) (3)	I/h kPa kW I/h kPa to kW kW kW	10,00 8777 26,0 4,97 863 25,5 4,65 3,92 0,73 800	M  0 8,10  710  17,8  699  17,5  3,90  3,17  671	6,50 570 12,1,33 561 12,1, 3,22 2,50 0,60 554	0 11,5 0 1000 0 31,0 2 5,72 1 993 0 31,0 2 5,67 6 4,12 6 1,55 1 975	M  0 9,15  8 802  21,0  21,0  20,0  20,0  7 4,80  2 3,43  5 1,377  8255  8255	L 63 7,11 63 7,11 64 7,11 65 59:	9 11,0 1 96 5 29, 7 5,4 1 95 5 29, 95 5,5 8 4,3 7 1,2 5 94	M 00 9,800 4 8600 1 23,6 7 4,87 0 846 0 23,5 0 4,89 0 3,76 0 1,13 6 841	L 8,10 710 16,8 4,03 699 16,5 3,92 2,99 0,93 675	12,50 1096 18,0 6,21 1079 17,5 6,14 4,72 1,42 1056	M 11,30 991 15,0 5,62 975 14,5 5,34 4,05 1,29 918	9,10 798 10,0 4,52 786 10,0 4,27 3,20 1,07 734	H 12,00 1 1052 32,2 5,97 1036 32,0 6,10 4,83 1,27 1049	M 9977 9974 11,24 7 974 11	9,80 14 859 1 22,4 2 4,87 6 846 1 222,0 2 4,84 6 3,72 5 1,12 1 833 1	H 44,00 1.227 1 155,0 2 2 155,0 2 2 155,0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	M 22,35 1 1 083 9 1 0,00 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1	1,30 991 17,0 17,0 17,0 17,0 17,0 17,0 17,0 17,	15,14 1328 22,0 7,53 1307 21,5 6,91 5,68 1,23 1189	13,35 1171 17,4 6,64 1152 17,0 5,00 3,78 1,22 860	10,777 945 12,0 5,35 930 12,0 4,29 2,97 1,32 738	17,10 1500 33,0 8,50 1476 33,0 8,60 5,78 2,82 1479	M 14,42 1264 24,5 7,17 1245 24,0 7,32 4,87 2,45 1259	L 2 11,2(1) 4 982 5,57 5 967 1 15,0 1 3,80 1 1,97 9 992	0 17,( 2 149 5 38, 7 8,44 146 0 37, 7 7,66 0 5,5 7 2,00 2 131	MM 3 133 3 133 3 133 5 31, 6 7,5 5 31, 7 2 6,8 8 3 5,3 9 1,5 1 118	L 4 12,5 7 110 5 22,7 8 6,2 8 6,2 8 5,6 8 5,6 4 4,4 4 1,2 3 975	0 4 4 0 9 9 2 2 7
Heating Performance 2 pipe systems  Heating capacity (70°C)  Water flow rate  Pressure drop  Heating capacity (45°C)  Water flow rate  Pressure drop  Prestazioni in raffredda  Total cooling capacity  Sensible cooling capacity  Cooling capacity (latent)  Water flow rate  Pressure drop	(1) (2) (2) (2) (2) ment (3) (3) (3) (3)	I/h kPa kW I/h kPa to kW kW kW	10,00 8777 26,0 4,97 863 25,5 4,65 3,92 0,73 800	M  0 8,10  710  17,8  699  17,5  3,90  3,17  671	6,50 570 12,1,33 561 12,1, 3,22 2,50 0,60 554	0 11,5 0 1000 0 31,0 2 5,72 1 993 0 31,0 2 5,67 6 4,12 6 1,55 1 975	M  0 9,15  8 802  21,0  21,0  22 4,55  3 790  20,3  7 4,80  2 3,43  5 1,37  5 825  5 825	L 63 7,11 63 7,11 64 7,11 65 59:	9 11,0 1 96 5 29, 7 5,4 1 95 5 29, 95 5,5 8 4,3 7 1,2 5 94	M 00 9,800 4 8600 1 23,6 7 4,87 0 846 0 23,5 0 4,89 0 3,76 0 1,13 6 841	8,10 710 16,8 4,03 699 16,5 3,92 2,99 0,93 675 16,5	12,50 1096 18,0 6,21 1079 17,5 6,14 4,72 1,42 1056	M 11,30 991 15,0 5,62 975 14,5 5,34 4,05 1,29 918	9,10 798 10,0 4,52 786 10,0 4,27 3,20 1,07 734	H 12,00 1 1052 32,2 5,97 1036 32,0 6,10 4,83 1,27 1049	M 9977 9974 11,24 7 974 11	9,80 14 859 1 22,4 2 4,87 6 846 1 222,0 2 4,84 6 3,72 5 1,12 1 833 1	H 44,00 1.227 1 155,0 2 2 155,0 2 2 155,0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	M 22,35 1 1 083 9 1 0,00 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1	1,30 991 17,0 17,0 17,0 17,0 17,0 17,0 17,0 17,	15,14 1328 22,0 7,53 1307 21,5 6,91 5,68 1,23 1189	13,35 1171 17,4 6,64 1152 17,0 5,00 3,78 1,22 860	10,777 945 12,0 5,35 930 12,0 4,29 2,97 1,32 738 9,5	17,10 1500 33,0 8,50 1476 33,0 8,60 5,78 2,82 1479	M 14,42 1264 24,5 7,17 1245 24,0 7,32 4,87 2,45 1259	L 2 11,2(1) 4 982 5,57 5 967 1 15,0 1 3,80 1 1,97 9 992	0 17,( 2 149 5 38, 7 8,44 146 0 37, 7 7,66 0 5,5 7 2,00 2 131	MM 3 133 3 133 3 133 5 31, 6 7,5 5 31, 7 2 6,8 8 3 5,3 9 1,5 1 118	L 4 12,5 7 110 5 22,7 8 6,2 8 6,2 8 5,6 8 5,6 4 4,4 4 1,2 3 975	0 4 4 0 9 9 2 2 7
Heating Performance 2 pipe systems Heating capacity (70°C) Water flow rate Pressure drop Heating capacity (45°C) Water flow rate Pressure drop Prestazioni in raffredda Total cooling capacity Sensible cooling capacity Cooling capacity (latent) Water flow rate Pressure drop Fans	(1) (2) (2) (2) (2) ment (3) (3) (3) (3)	I/h kPa kW I/h kPa to kW kW I/h kPa r°	10,00 8777 26,0 4,97 863 25,5 4,65 3,92 0,73 800	M  710  710  717,8  710  710  710  710  710  710  710  71	6,5570 5700 12,0 3.332 561 12,0 0,66 554 13,2	0 11,5 0 1000 0 31,0 0 31,0 0 31,0 2 5,67 2 5,66 4,12 4 975 5 28,0	M 8 802 9,15 8 802 2 4,55 8 790 2 0,2 7 4,80 2 3,4 5 5 1,37 5 825 0 0 21,0	L 5 7,11 5 7,12 63 7 13,55 7 13,55 7 1,11 7 15 7 1,15 7 15 7 1,15 7 15 7 1,15 7	9 11,0 1 96.5 29,7 7 5,44 1 95.5 29, 15 5,5 18 4,3 3 7 1,2 5 94.0 30,0	M 00 9,800 4 8600 1 23,6 7 4,87 0 846 0 23,5 0 4,89 0 3,76 0 1,13 6 841	L 8,10 710 16,8 4,03 699 16,5 3,92 2,99 0,93 675 16,5	12,50 1096 18,0 6,21 1079 17,5 6,14 4,72 1,42 1056 18,5	M 11,30 991 15,0 5,62 975 14,5 5,34 4,05 1,29 918 14,5	9,10 798 10,0 4,52 786 10,0 4,27 3,20 1,07 734	H 12,00 1 1052 32,2 5,97 1036 32,0 6,10 4,83 1,27 1049	M 947 226,6 2 26,6 2 2 26,0 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	9,80 1. 859 1 1. 14,87 6 6 1 1. 14,87 6 6 1 1. 14,84 6 3 3,72 5 5 1. 1,12 1 1. 1,12 1 1. 3 3 3 3 1 1.	H 44,00 1.2 227 1 55,0 2 6,96 6 209 1 155,0 1 6,91 6 6,91 6 6,91 6 7,55 1 189 1	M 22,35 1 1 083 9 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1,30 ; 991 117,0 ; 55,62 975 117,0 ; 55,26 4,00 ; 1,26 904 114,0 ;	15,14 1328 22,0 7,53 1307 21,5 6,91 5,68 1,23 1189 22,0	M 13,35 1171 17,4 6,64 1152 17,0 5,00 3,78 1,22 860 12,5	10,777 945 12,0 5,35 930 12,0 4,29 2,97 1,32 738 9,5	17,10 1500 33,0 8,50 1476 33,0 8,60 5,78 2,82 1479 30,0	M 14,42 1264 24,5 7,17 1245 24,0 7,32 4,87 2,45 1259 22,5	L 2 11,20 4 982 5,57 5,57 15,0 5,77 3,80 1,97 992 15,0	0 17,( 2 1499 7 8,44 1 146 0 37, 7 7,66 0 5,5 7 2,00 2 131 1 35,	MM 3 133 3 133 5 31, 6 7,55 31, 7 3 133 5 31, 1 118 5 31, 3 3 3 5,33	L 4 12,5 7 110 5 22,7 8 6,2 8 6,2 8 5,6 8 5,6 4 4,4 4 1,2 3 975	566 111 0 4 4 84 0 9 9 2 2 7 7 9
Heating Performance 2 pipe systems Heating capacity (70°C) Water flow rate Pressure drop Heating capacity (45°C) Water flow rate Pressure drop Prestazioni in raffredda Total cooling capacity Sensible cooling capacity Cooling capacity (latent) Water flow rate Pressure drop Fans Centrifugal Fans	(1) (2) (2) (2) (2) ment (3) (3) (3) (3)	I/h kPa kW I/h kPa to kW kW I/h kPa r°	10,00 877 26,0 4,97 863 25,5 3,92 0,73 800 26,0	M  710  710  717,8  710  710  710  710  710  710  710  71	6,550 5700 12,0 3.332 561 12,0 0,60 554 13,1	0 11,5 0 1000 0 31,0 0 31,0 0 31,0 2 5,67 2 5,66 4,12 4 975 5 28,0	M 8 802 9,15 8 802 2 4,55 8 790 2 0,2 7 4,80 2 3,4 5 5 1,37 5 825 0 0 21,0	L 5 7,11 5 7,12 63 7 13,55 7 13,55 7 1,11 7 15 7 1,15 7 15 7 1,15 7 15 7 1,15 7	9 11,0 1 96.5 29,7 7 5,44 1 95.5 29, 15 5,5 18 4,3 3 7 1,2 5 94.0 30,0	M  860  9,80	L 8,10 710 16,8 4,03 699 16,5 3,92 2,99 0,93 675 16,5	12,50 1096 18,0 6,21 1079 17,5 6,14 4,72 1,42 1056 18,5	M 11,30 991 15,0 5,62 975 14,5 5,34 4,05 1,29 918 14,5	9,10 798 10,0 4,52 786 10,0 4,27 3,20 1,07 734	12,00 1 1052 32,2 5,97 1036 32,0 6,10 4,83 1,27 1049 30,0	M 947 226,6 2 26,6 2 2 26,0 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	9,80 1. 859 1 1. 14,87 6 6 1 1. 14,87 6 6 1 1. 14,84 6 3 3,72 5 5 1. 1,12 1 1. 1,12 1 1. 3 3 3 3 1 1.	H 44,00 1.2 227 1 55,0 2 6,96 6 209 1 155,0 1 6,91 6 6,91 6 6,91 6 7,55 1 189 1	M 22,35 1 1 083 9 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1,30 ; 991 117,0 ; 55,62 975 117,0 ; 55,26 4,00 ; 1,26 904 114,0 ;	15,14 1328 22,0 7,53 1307 21,5 6,91 5,68 1,23 1189 22,0	M 13,35 1171 17,4 6,64 1152 17,0 5,00 3,78 1,22 860 12,5	10,777 945 12,0 5,35 930 12,0 4,29 2,97 1,32 738 9,5	17,100 1500 33,0 8,50 1476 33,0 8,60 5,78 2,82 1479 30,0	M 14,42 1264 24,5 7,17 1245 24,0 7,32 4,87 2,45 1259 22,5	L 2 11,20 4 982 5,57 5,57 15,0 5,77 3,80 1,97 992 15,0	0 17,( 2 1499 7 8,44 1 146 0 37, 7 7,66 0 5,5 7 2,00 2 131 1 35,	MM 3 133 3 133 5 31, 6 7,55 31, 7 3 133 5 31, 1 118 5 31, 3 3 3 5,33	L 12,5 12,4 12,5 12,7 110 15 15 16 16 17 17 17 17 17 17 17 17 17 17 17 17 17	566 111 0 4 4 84 0 9 9 2 2 7 7 9
Heating Performance 2 pipe systems Heating capacity (70°C) Water flow rate Pressure drop Heating capacity (45°C) Water flow rate Pressure drop Prestazioni in raffredda Total cooling capacity Sensible cooling capacity Cooling capacity (latent) Water flow rate Pressure drop Fans Centrifugal Fans Air flow rate Sound level	(1) (2) (2) (2) (2) (3) (3) (3) (3) (3)	I/h kPa kW I/h kPa to kW kW kW I/h kPa n° m³/h	10,00 877 26,0 4,97 863 25,5 3,92 0,73 800 26,0	M 710 710 717,8 710 710 710 717,8 710 710 710 710 710 710 710 710 710 710	6,50 570 12,0 3,33 561 12,0 0,66 554 13,1	0 11,5 100 1	M 88 802 21,0 9,13 87 802 24,55 87 802 20,5 88 802 21,0 88 802 21,0 88 802 21,0 88 802 21,0 88 802 21,0 88 802 21,0 88 802 21,0	L 63 7,11 63 7,11 64 7	9 11,1,1 96 5 29,7 5,4 1 95 5 29,7 5,5 5 29,7 1,2 5 5,5 5 94 0 30,0 30,0 0 114	M  9,800 9,8	8,10 710 16,8 4,03 699 16,5 3,92 2,99 0,93 675 16,5	12,50 1096 18,0 6,21 1079 17,5 6,14 4,72 1,42 1056 18,5	M 11,30 991 15,0 5,62 975 14,5 5,34 4,05 1,29 918 14,5	9,10 798 10,0 4,52 786 10,0 4,27 3,20 1,07 734 10,0	H 12,00 1 1052 32,2 5,97 1036 32,0 6,10 4,83 1,27 1049 30,0	M 947 26,6 26,6 27 26,6 27 26,6 27 26,6 27 26,6 27 26,7 27 26,6 27 27 28 28 28 28 28 28 28 28 28 28 28 28 28	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	H 4,00 1.2227 1 155,0 2 2 155,0 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	M 22,35 1 1083 9 10,00 10,14 5	1,30 991 17,0 991 17,0 5,62 975 117,0 55,26 4,00 1,26 904 14,0 900	15,14 1328 22,0 7,53 1307 21,5 6,91 5,68 1,23 1189 22,0	M 13,35 1171 17,4 6,64 1152 17,0 5,00 3,78 1,22 860 12,5	10,777 945 12,0 5,35 930 12,0 4,29 2,97 1,32 738 9,5	17,100 1500 33,0 8,50 1476 33,0 8,60 5,78 2,82 1479 30,0	M 14,42 1264 24,5 7,17 1245 24,0 7,32 4,87 2,45 1259 22,5	L 2 11,2(2 11,2(2 15,5) 4 982 5 15,5 5 967 5 967 15,0 5,777 3,80 1,977 15,0 700	0 17,( 2 1498 7 8,4 7 146 9 37, 7 7,6 9 5,5 7 2,0 9 131 9 130	M 3 133 5 31, 6 7,5 9 131 5 31, 1 118 5 31, 3 300 112	L 24 12,57 110 5 22,7 110 6 108 8 6,22 24,1 12,57 8 10,22 10,22 10,22 10,23 11	9 9 0 0
Heating Performance 2 pipe systems Heating capacity (70°C) Water flow rate Pressure drop Heating capacity (45°C) Water flow rate Pressure drop Prestazioni in raffredda Total cooling capacity Sensible cooling capacity Cooling capacity (latent) Water flow rate Pressure drop Fans Centrifugal Fans Air flow rate Sound level Sound power level	(1) (2) (2) (2) (2) (3) (3) (3) (3) (3)	I/h kPa kW I/h kPa to kW kW I/h kPa n° m³/h dB(A)	10,00 877 26,0 4,97 863 25,5 3,92 0,73 800 26,0	M 710 710 710 710 710 710 710 710 710 710	6,50 570 12,0 3,33 561 12,0 0,60 554 13,1 520	0 11,5 100 0 31,0 100 0 31,0 100 1 100 0 31,0 100 0 31,	M 8 8020 21,0 9,15 8 8020 21,0 9,16 8 8020 21,0 9,16 8 8020 21,0 9,16 9,16 9,16 9,16 9,16 9,16 9,16 9,16	L 2 63 7,11 2 63 3.5 5 3.5 5 13, 62 6 7 1,11 5 5 9:5 15 15 15 15 15 15 15 15 15 15 15 15 15	9 11,1 96 1 96 5 29, 7 5,4 1 95 5 29, 5 5,5 8 4,3 7 1,2 0 30,	M 8600 9,800 9,800 9,800 11 23,64 8600 23,55 00 4,899 00 3,76 6 841 00 24,5 00 930	8,100 710 16,8 4,03 699 16,5 3,92 2,99 0,93 675 16,5	12,50 1096 18,0 6,21 1079 17,5 6,14 4,72 1,42 1056 18,5	M 11,30 991 15,0 5,62 975 14,5 5,34 4,05 1,29 918 14,5	9,10 798 10,0 4,52 786 10,0 4,27 3,20 1,07 734 10,0	H 12,00 1 1052 32,2 5,97 1036 32,0 6,10 4,83 1,27 1049 30,0	M 9947 9947 9947 9947 9947 9947 9947 994	9,80 1. 859 1 22,4 2 22,4 2 22,7 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	H 4,00 1. 227 1 155,0 2 6,96 6 209 1 6,36 4 4,55 1189 1 183,0 1	M 22,35 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1,30 991 17,0 17,0 17,0 17,0 17,0 17,0 17,0 17,	15,14 1328 22,0 7,53 1307 21,5 6,91 5,68 1,23 1189 22,0	13,35 1171 17,4 6,64 1152 17,0 5,00 3,78 1,22 860 12,5	10,777 945 12,0 5,35 930 12,0 4,29 2,97 1,322 738 9,5	17,100 1500 33,0 8,50 1476 33,0 8,60 5,78 2,82 1479 30,0	M 14,42 1264 24,5 7,17 1245 24,0 7,32 4,87 2,45 1259 22,5	L 982 11,2(1 982 15,5 5,577 3,800 15,0 992 15,0 51	0 17,0 2 149 5 38,7 8,4 7 8,4 146 37,7 7,6 10 37,7 7 7,6 131 131 131 131 131 131 131 131 131 13	MM  202 15,2,33  31 33  33 133  55 31,4  66 7,55  9 131  55 31,7  1 1188  3 3 5,33  1 1185  3 3 3 1,33  3	L 12,54 12,5 12,0 12,0 12,0 12,0 12,0 12,0 12,0 12,0	99 22 77 99 00
Heating Performance 2 pipe systems Heating capacity (70°C) Water flow rate Pressure drop Heating capacity (45°C) Water flow rate Pressure drop Prestazioni in raffredda Total cooling capacity Sensible cooling capacity Cooling capacity (latent) Water flow rate Pressure drop Fans Centrifugal Fans Air flow rate Sound level Sound power level Sound pressure level	(1) (2) (2) (2) (2) (3) (3) (3) (3) (3)	I/h kPa kW I/h kPa to kW kW I/h kPa n° m³/h dB(A)	10,00 877 26,0 4,97 863 25,5 3,92 0,73 800 26,0	M 710 710 717,8 710 710 710 717,8 710 710 710 710 710 710 710 710 710 710	6,50 570 12,0 3,33 561 12,0 0,66 554 13,1	0 11,5 100 0 31,0 100 0 31,0 100 1 100 0 31,0 100 0 31,	M 8 8020 21,0 9,15 8 8020 21,0 9,16 8 8020 21,0 9,16 8 8020 21,0 9,16 9,16 9,16 9,16 9,16 9,16 9,16 9,16	L 2 63 7,11 2 63 3.5 5 3.5 5 13, 62 6 7 1,11 5 5 9:5 15 15 15 15 15 15 15 15 15 15 15 15 15	9 11,1,1 96 1 96 5 29,7 5,4 1 95 5 29, 5 5,5 8 4,3 7 1,2 5 94 0 30,	M 8600 9,800 9,800 9,800 11 23,64 8600 23,55 00 4,899 00 3,76 6 841 00 24,5 00 930	8,10 710 16,8 4,03 699 16,5 3,92 2,99 0,93 675 16,5	12,50 1096 18,0 6,21 1079 17,5 6,14 4,72 1,42 1056 18,5	M 11,30 991 15,0 5,62 975 14,5 5,34 4,05 1,29 918 14,5	9,10 798 10,0 4,52 786 10,0 4,27 3,20 1,07 734 10,0	H 12,00 1 1052 32,2 5,97 1036 32,0 6,10 4,83 1,27 1049 30,0	M 9947 9947 9947 9947 9947 9947 9947 994	3,72 5 3,70 1 1,12 1 3,3,72 5 3,3,72 5 3,1,12 1 3,3,72 5 3,3,72 5	H 4,00 1. 227 1 155,0 2 6,96 6 209 1 6,36 4 4,55 1189 1 183,0 1	M  22,35 1 1  083 9  1,14 5  1,29 5  1,29 5  120 9  61	1,30 991 17,0 991 17,0 5,62 975 117,0 55,26 4,00 1,26 904 14,0 900	15,14 1328 22,0 7,53 1307 21,5 6,91 5,68 1,23 1189 22,0	M 13,35 1171 17,4 6,64 1152 17,0 5,00 3,78 1,22 860 12,5	10,777 945 12,0 5,35 930 12,0 4,29 2,97 1,32 738 9,5	17,100 1500 33,0 8,50 1476 33,0 8,60 5,78 2,82 1479 30,0	M 14,42 1264 24,5 7,17 1245 24,0 7,32 4,87 2,45 1259 22,5	L 2 11,2(2 11,2(2 15,5) 4 982 5 15,5 5 967 5 967 1 15,0 5,777 3,80 1 1,97 700	0 17,0 2 149 5 38,7 8,4 7 8,4 146 37,7 7,6 10 37,7 7 7,6 131 131 131 131 131 131 131 131 131 13	MM  202 15,2,33  31 33  33 133  55 31,4  66 7,55  9 131  55 31,7  1 1188  3 3 5,33  1 1185  3 3 3 1,33  3	L 12,54 12,5 12,0 12,0 12,0 12,0 12,0 12,0 12,0 12,0	99 22 77 99 00
Heating Performance 2 pipe systems Heating capacity (70°C) Water flow rate Pressure drop Heating capacity (45°C) Water flow rate Pressure drop Prestazioni in raffredda Total cooling capacity Sensible cooling capacity Cooling capacity (latent) Water flow rate Pressure drop Fans Centrifugal Fans Air flow rate Sound level Sound power level Sound pressure level Hydraulic connections	(1) (2) (2) (2) (2) (3) (3) (3) (3) (3)	I/h kPa kW I/h kPa to kW kW I/h kPa n° m³/h dB(A)	10,00 877 26,0 4,97 863 25,5 3,92 0,73 800 26,0	M 710 710 710 710 710 710 710 710 710 710	6,50 570 12,0 3,33 561 12,0 0,60 554 13,1 520	0 11,5 100 0 31,0 100 0 31,0 100 1 100 0 31,0 100 0 31,	M 8 8020 21,0 9,15 8 8020 21,0 9,16 8 8020 21,0 9,16 8 8020 21,0 9,16 9,16 9,16 9,16 9,16 9,16 9,16 9,16	L 2 63 7,11 2 63 3.5 5 3.5 5 13, 62 6 7 1,11 5 5 9:5 15 15 15 15 15 15 15 15 15 15 15 15 15	9 11,1 96 1 96 5 29, 7 5,4 1 95 5 29, 5 5,5 8 4,3 7 1,2 0 30,	M 8600 9,800 9,800 9,800 11 23,64 8600 23,55 00 4,899 00 3,76 60 00 24,5 00 930	8,100 710 16,8 4,03 699 16,5 3,92 2,99 0,93 675 16,5	12,50 1096 18,0 6,21 1079 17,5 6,14 4,72 1,42 1056 18,5	M 11,30 991 15,0 5,62 975 14,5 5,34 4,05 1,29 918 14,5	9,10 798 10,0 4,52 786 10,0 4,27 3,20 1,07 734 10,0	H 12,00 1 1052 32,2 5,97 1036 32,0 6,10 4,83 1,27 1049 30,0	M 9947 9947 9947 9947 9947 9947 9947 994	9,80 1. 859 1 22,4 2 22,4 2 22,7 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	H 4,00 1. 227 1 155,0 2 6,96 6 209 1 6,36 4 4,55 1189 1 183,0 1	M 22,35 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1,30 991 17,0 17,0 17,0 17,0 17,0 17,0 17,0 17,	15,14 1328 22,0 7,53 1307 21,5 6,91 5,68 1,23 1189 22,0	13,35 1171 17,4 6,64 1152 17,0 5,00 3,78 1,22 860 12,5	10,777 945 12,0 5,35 930 12,0 4,29 2,97 1,322 738 9,5	17,100 1500 33,0 8,50 1476 33,0 8,60 5,78 2,82 1479 30,0	M 14,42 1264 24,5 7,17 1245 24,0 7,32 4,87 2,45 1259 22,5	L 982 11,2(1 982 15,5 5,577 3,800 15,0 992 15,0 51	0 17,0 2 149 5 38,7 8,4 7 8,4 146 37,7 7,6 10 37,7 7 7,6 131 131 131 131 131 131 131 131 131 13	MM  202 15,2,33  31 33  33 133  55 31,4  66 7,55  9 131  55 31,7  1 1188  3 3 5,33  1 1185  3 3 3 1,33  3	L 12,54 12,5 12,0 12,0 12,0 12,0 12,0 12,0 12,0 12,0	99 22 77 99 00
Heating Performance 2 pipe systems Heating capacity (70°C) Water flow rate Pressure drop Heating capacity (45°C) Water flow rate Pressure drop Prestazioni in raffredda Total cooling capacity Sensible cooling capacity Cooling capacity (latent) Water flow rate Pressure drop Fans Centrifugal Fans Air flow rate Sound level Sound power level Sound pressure level Hydraulic connections Main coil	(1) (2) (2) (2) (2) (3) (3) (3) (3) (3)	I/h kPa kW I/h kPa to kW kW kW I/h kPa an	10,00 877 26,0 4,97 863 25,5 3,92 0,73 800 26,0	M  710 710 710 710 710 710 710 710 710 71	6,556 570 12,4 3,32 2,556 13,4 520 42 34	0 11,5 100 0 31,0 100 0 31,0 100 1 100 0 31,0 100 0 31,	M 8 8020 21,0 9,15 8 8020 21,0 9,16 8 8020 21,0 9,16 8 8020 21,0 9,16 9,16 9,16 9,16 9,16 9,16 9,16 9,16	L 2 63 7,11 2 63 3.5 5 3.5 5 13, 62 6 7 1,11 5 5 9:5 15 15 15 15 15 15 15 15 15 15 15 15 15	9 11,1 96 1 96 5 29, 7 5,4 1 95 5 29, 5 5,5 8 4,3 7 1,2 0 30,	M  00 9,800  9,800  4 8600  23,50  846  00 23,5  00 4,899  00 3,76  841  00 24,5  00 930	8,10 710 16,8 4,03 699 16,5 3,92 2,99 0,93 675 16,5	12,50 1096 18,0 6,21 1079 17,5 6,14 4,72 1,42 1056 18,5	M 11,30 991 15,0 5,62 975 14,5 5,34 4,05 1,29 918 14,5	9,10 798 10,0 4,52 786 10,0 4,27 3,20 1,07 734 10,0	12,00 1 1052 32,2 5,97 1036 32,0 6,10 4,83 1,27 1049 30,0	M 947 947 926,6 2 937 932 932 932 932 932 932 932 932 932 932	9,80 1. 859 1 22,4 2 22,4 2 22,7 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	H 4,00 1. 227 1 155,0 2 6,96 6 209 1 6,36 4 4,55 1189 1 183,0 1	M 22,35 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1,30 991 17,0 17,0 17,0 17,0 17,0 17,0 17,0 17,	15,14 1328 22,0 7,53 1307 21,5 6,91 5,68 1,23 1189 22,0	13,355 1171 17,4 6,64 1152 17,0 5,00 3,78 1,22 860 12,5 930 57 49	10,777 945 12,0 5,35 930 12,0 4,29 2,97 1,322 738 9,5	17,100 1500 33,0 8,50 1476 33,0 8,60 5,78 2,82 1479 30,0	M 14,42 1264 24,5 7,17 1245 24,0 7,32 4,87 2,45 1259 22,5	L 982 11,2(1 982 15,5 5,577 3,800 15,0 992 15,0 51	0 17,0 2 149 5 38,7 8,4 7 8,4 146 37,7 7,6 10 37,7 7 7,6 131 131 131 131 131 131 131 131 131 13	M  2 15,7  3 133  3 133  5 31,7  6 7,5  5 31,7  2 6,8  3 5,3  3 1,5  1 118  5 31,7  3 1,5  6 61  6 53	L 24 12,5 7 110 5 22,7 8 6,2 8 6,2 8 5,6 6 108 8 5,6 8 4 4,4 4 1,2 3 979 0 22,0 0 900 56 4 48	99 22 77 99 00
Heating Performance 2 pipe systems Heating capacity (70°C) Water flow rate Pressure drop Heating capacity (45°C) Water flow rate Pressure drop Prestazioni in raffredda Total cooling capacity Sensible cooling capacity Cooling capacity (latent) Water flow rate Pressure drop Fans Centrifugal Fans Air flow rate Sound level Sound power level Sound pressure level Hydraulic connections Main coil Standard	(1) (2) (2) (2) (2) (3) (3) (3) (3) (3)	I/h kPa kW I/h kPa to kW kW kW I/h kPa dB(A) dB(A)	10,00 877 26,0 4,97 863 25,5 3,92 0,73 800 26,0	M 710 710 710 710 710 710 710 710 710 710	6,556 570 12,4 3,32 2,556 13,4 520 42 34	0 11,5 100 0 31,0 100 0 31,0 100 1 100 0 31,0 100 0 31,	M 8 8020 9,15 8 8 8020 21,0 8 8 8 8020 21,0 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	L 55 7,1 62 633 7,1 7,1 7,1 7,1 7,1 7,1 7,1 7,1 7,1 7,1	9 11,1 96 1 96 5 29,7 5,4 1 95 5 29, 5 5,5 8 4,3 7 1,2 0 30,	M 8600 9,800 9,800 9,800 11 23,64 8600 23,55 00 4,899 00 3,76 60 00 24,5 00 930	8,10 710 16,8 4,03 699 16,5 3,92 2,99 0,93 675 16,5	12,50 1096 18,0 6,21 1079 17,5 6,14 4,72 1,42 1056 18,5	M 11,30 991 15,0 5,62 975 14,5 5,34 4,05 1,29 918 14,5 930	9,10 798 10,0 4,52 786 10,0 4,27 3,20 1,07 734 10,0	12,00 1 1052 32,2 5,97 1036 32,0 6,10 4,83 1,27 1049 30,0	M 9947 9947 9947 9947 9947 9947 9947 994	9,80 1. 859 1 22,4 2 22,4 2 22,7 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	4,00 1: 4,00 1: 2227 1 5,50 2 6,96 6 209 1 15,0 1 6,36 4 ,55 1 189 1 133,0 1	M  22,35 1  0083 1  00,0 1  1,14 5  1,066 1  1,086 1  1,0	1,30 991 17,0 17,0 17,0 17,0 17,0 17,0 17,0 17,	15,14 1328 22,0 7,53 1307 21,5 6,91 5,68 1,23 1189 22,0	13,35 1171 17,4 6,64 1152 17,0 5,00 3,78 1,22 860 12,5	10,777 945 12,0 5,35 930 12,0 4,29 2,97 1,322 738 9,5	17,100 1500 33,0 8,50 1476 33,0 8,60 5,78 2,82 1479 30,0	M 14,42 1264 24,5 7,17 1245 24,0 7,32 4,87 2,45 1259 22,5	L 2 11,2(4 982 5 15,5 5 967 15,0 1 15,0 700 51 43	0 17,0 2 149 5 38,7 8,4 7 8,4 146 37,7 7,6 10 37,7 7 7,6 131 131 131 131 131 131 131 131 131 13	MM  202 15,2,33  31 33  33 133  55 31,4  66 7,55  9 131  55 31,7  1 1188  3 3 5,33  1 1185  3 3 3 1,33  3	L 24 12,5 7 110 5 22,7 8 6,2 6 108 0 22,0 8 5,6 1 4 4,4 4 1,2 3 979 0 22,0 0 900 56 4 48	99 22 77 99 00
Heating Performance 2 pipe systems Heating capacity (70°C) Water flow rate Pressure drop Heating capacity (45°C) Water flow rate Pressure drop Prestazioni in raffredda Total cooling capacity Sensible cooling capacity Cooling capacity (latent) Water flow rate Pressure drop Fans Centrifugal Fans Air flow rate Sound level Sound power level Sound pressure level Hydraulic connections Main coil Standard Oversized	(1) (2) (2) (2) (2) (3) (3) (3) (3) (3)	I/h kPa kW I/h kPa to kW kW kW I/h kPa an	10,00 877 26,0 4,97 863 25,5 3,92 0,73 800 26,0	M  710 710 710 710 710 710 710 710 710 71	6,556 570 12,4 3,32 2,556 13,4 520 42 34	0 11,5 100 0 31,0 100 0 31,0 100 1 100 0 31,0 100 0 31,	M 8 8020 21,0 9,15 8 8020 21,0 9,16 8 8020 21,0 9,16 8 8020 21,0 9,16 9,16 9,16 9,16 9,16 9,16 9,16 9,16	L 55 7,1 62 633 7,1 7,1 7,1 7,1 7,1 7,1 7,1 7,1 7,1 7,1	9 11,1 96 1 96 5 29,7 5,4 1 95 5 29, 5 5,5 8 4,3 7 1,2 0 30,	M  00 9,800  9,800  4 8600  23,50  846  00 23,5  00 4,899  00 3,76  841  00 24,5  00 930	8,10 710 16,8 4,03 699 16,5 3,92 2,99 0,93 675 16,5	12,50 1096 18,0 6,21 1079 17,5 6,14 4,72 1,42 1056 18,5	M 11,30 991 15,0 5,62 975 14,5 5,34 4,05 1,29 918 14,5	9,10 798 10,0 4,52 786 10,0 4,27 3,20 1,07 734 10,0	12,00 1 1052 32,2 5,97 1036 32,0 6,10 4,83 1,27 1049 30,0	M 947 947 926,6 2 937 932 932 932 932 932 932 932 932 932 932	9,80 1. 859 1 22,4 2 22,4 2 22,7 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	4,00 1: 4,00 1: 2227 1 5,50 2 6,96 6 209 1 15,0 1 6,36 4 ,55 1 189 1 133,0 1	M 22,35 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1,30 991 17,0 17,0 17,0 17,0 17,0 17,0 17,0 17,	15,14 1328 22,0 7,53 1307 21,5 6,91 5,68 1,23 1189 22,0	13,355 1171 17,4 6,64 1152 17,0 5,00 3,78 1,22 860 12,5 930 57 49	10,777 945 12,0 5,35 930 12,0 4,29 2,97 1,322 738 9,5	17,100 1500 33,0 8,50 1476 33,0 8,60 5,78 2,82 1479 30,0	M 14,42 1264 24,5 7,17 1245 24,0 7,32 4,87 2,45 1259 22,5	L 2 11,2(4 982 5 15,5 5 967 15,0 1 15,0 700 51 43	0 17,0 2 149 5 38,7 8,4 7 8,4 146 37,7 7,6 10 37,7 7 7,6 131 131 131 131 131 131 131 131 131 13	M  2 15,7  3 133  3 133  5 31,7  6 7,5  5 31,7  2 6,8  3 5,3  3 1,5  1 118  5 31,7  3 1,5  6 61  6 53	L 24 12,5 7 110 5 22,7 8 6,2 6 108 0 22,0 8 5,6 1 4 4,4 4 1,2 3 979 0 22,0 0 900 56 4 48	99 22 77 99 00
Heating Performance 2 pipe systems  Heating capacity (70°C) Water flow rate Pressure drop Heating capacity (45°C) Water flow rate Pressure drop Prestazioni in raffredda Total cooling capacity Sensible cooling capacity Cooling capacity (latent) Water flow rate Pressure drop Fans Centrifugal Fans Air flow rate Sound level Sound power level Sound pressure level Hydraulic connections Main coil Standard Oversized Electrical data	(1) (2) (2) (2) (2) (3) (3) (3) (3) (3)	I/h kPa kW I/h kPa to kW kW I/h kPa m³/h dB(A)	10,00 877 26,0 4,97 863 25,5 3,92 0,73 800 26,0 920 920	M  710 710 717,8 699 717,5 717,5 717,5 717,5 718 719,0 720 720 720 720 720 720 720	6,51 57(12,4) 3.33 561 12,6 3,22 2,56 0,66 554 13,4 52(2) 42 34	3 11,5 5 28,6 1 49	M  0 9,15  8 802  2 4,55  3 790  2 2,4,55  5 1,37  4,88  2 3,45  5 1,37  5 825  5 1,37  6 825  6 7 4,34  7 3,44	L 5 7,1 2 63 3 5 13,	9 11,1 96. 5 29,7 5,4 1 95:5 29, 7 5,5 29, 8 4,3 7 1,2 5 94: 0 30, 0 114:	M  00 9,800  4 860  1 23,6  7 4,877  4,877  4,877  4,879  0 3,76  0 4,899  0 1,13  6 841  0 24,5  0 930  3/4'  /	8,10 710 16,8 4,03 699 16,5 3,92 2,99 0,93 675 16,5 700 42	12,50 1096 18,0 6,21 1079 17,5 6,14 4,72 1,42 1056 18,5 3 1140	M 991 15,0 5,62 975 14,5 5,34 4,05 1,29 918 14,5	9,10 798 10,0 4,52 786 10,0 4,27 3,20 1,07 734 10,0 50 42	H 12,00 1 1052 32,2 5,97 1036 32,0 6,10 4,83 1,27 1049 30,0 1300 666 58	M 947 947 947 947 947 947 947 947 947 947	3,72 56 3,900 1.1 3,900 1.	4,00 1: 227 1 5,0 2 6,96 6 209 1 155,0 1 1	M 22,35 1 083 1 083 1 0 0,00 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1,30 991 117,0 975 117,0 975 117,0 11,26 9904 114,0 900	15,14 1328 22,0 7,53 1307 21,5 6,91 5,68 1,23 1189 22,0	13,35 1171 17,4 6,64 1152 17,0 5,00 3,78 1,22 860 12,5 930 57 49	10,777 945 12,0 5,35 930 12,0 4,29 2,97 1,32 738 9,5 700	17,100 1500 33,0 8,50 1476 33,0 8,60 5,78 2,82 1479 30,0 3 11140	M 14,42 1264 24,5 7,17 1245 24,0 7,32 4,87 2,45 1259 22,5 930 57 49	L 2 11,2(1) 982 15,5,7 5 967 15,0 15,0 700 51 43	0 17,0 149 1 149 7 8,4 7 8,4 7 7,6 9 0 5,5 7 2,0 9 130 130 130 130 130 130 130 130 130 130	MM 22 15,2,3 133 33 133 55 31,6 7,5 55 31,7 118 32 6,8 8,3 5,3 3,3 5,3 31,7 118 36 61 112 374 7	L 24 12,52 7 1100 5 22,4 8 6,22 6 108 8 5,63 4 4,44 4 1,23 3 975 0 22,4 0 900 566 48	99 22 77 99 00
Heating Performance 2 pipe systems  Heating capacity (70°C) Water flow rate Pressure drop Heating capacity (45°C) Water flow rate Pressure drop Prestazioni in raffredda Total cooling capacity Sensible cooling capacity Water flow rate Pressure drop Fans Centrifugal Fans Air flow rate Sound level Sound power level Sound pressure level Hydraulic connections Main coil Standard Oversized Electrical data Absorbed power	(1) (2) (2) (2) (2) (3) (3) (3) (3) (3)	I/h kPa kW I/h kPa to kW kW kW I/h kPa dB(A) dB(A)	10,00 877 26,0 4,97 863 25,5 3,92 0,73 800 26,0 920 920	M  0 8,10 710 710 17,8 699 17,5 3,90 17,5 17,5 17,0 720 720 720 60	6,51 57(12,4 3.33,561 12,4 3,22 2,56 0,66 554 13,4 52(2,5) 42 34	0 11,5 0 11,5 1000 0 31,0 2 5,7 2 5,7 1 993 31,0 2 5,6 6 4,1 2 5,6 6 4,1 2 5,7 3 3 0 920 57 49	M  0 9,15  8 802  2 4,55  3 790  2 2,4,55  5 1,37  4,88  2 3,43  5 1,37  5 825  5 1,37  43  43	L	9 11,1 96. 5 29,7 5,4 1 95:5 29, 7 5,5 29, 7 5,8 4,3 7 1,2 5 94:0 30, 0 114:2 62:4 54:4 54:4	M  00 9,800  11 23,6  12 3,7  13 4,87  14 860  15 4,87  16 841  17 4,87  18 441  19 4,87  19 49  19 49  19 49	8,10 710 16,8 4,03 699 16,5 3,92 2,99 0,93 675 16,5 700 42	12,50 1096 18,0 6,21 1079 17,5 6,14 4,72 1,42 1056 18,5 3 1140	M 991 15,0 975 14,5 5,34 4,05 1,29 918 14,5 930 57 49	9,10 798 10,0 4,52 786 10,0 4,27 3,20 1,07 734 10,0 50 42	H  12,00 1 1052 32,2 5,97 1036 32,0 6,10 4,83 1,27 1049 30,0 1300 666 58	M 947 947 947 947 947 947 947 947 947 947	3,72 56 48 80 880	H 4,00 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1	M 22,35 1 1083 100,0 100	1,30 991 17,0 975 117,0 975 117,0 11,26 9904 114,0 900	15,14 1328 22,0 7,53 1307 21,5 6,91 5,68 1,23 1189 22,0	13,355 1171 17,4 6,64 1152 17,0 5,00 3,78 1,22 860 12,5 930 57 49  80	10,777 945 12,0 5,35 930 12,0 4,29 2,97 1,32 738 9,5 700 51 43	17,100 1500 33,0 8,50 1476 33,0 8,60 5,78 2,82 1479 30,0 3 11140	M 14,42 1264 24,5 7,17 1245 24,0 7,32 4,87 2,45 1259 22,5 930 / 3/4"	L 982 11,20 1 982 1 15,5 5 967 3,80 1 1,97 9 992 1 15,0 700 51 43	0 17,0 149 1 149 7 8,4 7 8,4 7 7,6 9 0 5,5 7 2,0 9 130 130 130	MM 22 15,2,3 133 33 133 55 31,6 7,5 5 31,7 118 32 6,8 8,3 5,3 3,3 5,3 3,3 1,1 118 33 6,4 7,5 31,7 118 34 7,7 11 10	L 12,5 4 12,5 5 22,7 1100 5 22,7 1100 0 22,0 12,0 12,0 12,0 12,0 12,0 12	566 111 0 44 44 44 0 0 0 0 0
Heating Performance 2 pipe systems  Heating capacity (70°C) Water flow rate Pressure drop Heating capacity (45°C) Water flow rate Pressure drop Prestazioni in raffredda Total cooling capacity Sensible cooling capacity Cooling capacity (latent) Water flow rate Pressure drop Fans Centrifugal Fans Air flow rate Sound level Sound power level Sound pressure level Hydraulic connections Main coil Standard Oversized Electrical data	(1) (2) (2) (2) (2) (3) (3) (3) (3) (3)	I/h kPa kW I/h kPa to kW kW I/h kPa m³/h dB(A)	10,00 877 26,0 4,97 863 25,5 3,92 0,73 800 26,0 920 920	M  710 710 717,8 699 717,5 717,5 717,5 717,5 718 719,0 720 720 720 720 720 720 720	6,51 57(12,4 3.33,561 12,4 3,22 2,56 0,66 554 13,4 52(2,5) 42 34	0 11,5 0 11,5 1000 0 31,0 2 5,7 2 5,7 1 993 31,0 2 5,6 6 4,1 2 5,6 6 4,1 2 5,7 3 3 0 920 57 49	M  0 9,15  8 802  2 4,55  3 790  2 2,4,55  5 1,37  4,88  2 3,43  5 1,37  5 825  5 1,37  43  43	L	9 11,1 96.5 29,7 5,4 1 95.5 29,17 5,5 29,17 5,5 94.0 30,0 31,4 54.5 4.3 3 10	M  00 9,800  11 23,6  12 3,7  13 4,87  14 860  15 4,87  16 841  17 4,87  18 441  19 4,87  19 49  19 49  19 49	8,10 710 16,8 4,03 699 16,5 3,92 2,99 0,93 675 16,5 700 42	12,50 1096 18,0 6,21 1079 17,5 6,14 4,72 1,42 1056 18,5 3 1140	M 991 15,0 5,62 975 14,5 5,34 4,05 1,29 918 14,5	9,10 798 10,0 4,52 786 10,0 4,27 3,20 1,07 734 10,0 50 42	12,00 1 1052 32,2 5,97 1036 32,0 6,10 4,83 1,27 1049 30,0 666 58	M 947 947 947 947 947 947 947 947 947 947	3,72 5 3,72 5 3,72 5 3,72 5 6,72 5	H 4,00 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1	M 22,35 1 1083 100,0 100	1,30 991 117,0 975 117,0 975 117,0 11,26 9904 114,0 900	15,14 1328 22,0 7,53 1307 21,5 6,91 5,68 1,23 1189 22,0	13,35 1171 17,4 6,64 1152 17,0 5,00 3,78 1,22 860 12,5 930 57 49	10,777 945 12,0 5,35 930 12,0 4,29 2,97 1,32 738 9,5 700	17,100 1500 33,0 8,50 1476 33,0 8,60 5,78 2,82 1479 30,0 3 11140	M 14,42 1264 24,5 7,17 1245 24,0 7,32 4,87 2,45 1259 22,5 930 57 49	L 982 11,20 1 982 1 15,5 5 967 3,80 1 1,97 9 992 1 15,0 700 51 43	0 17,0 149 1 149 7 8,4 7 8,4 7 7,6 9 0 5,5 7 2,0 9 130 130 130	MM 22 15,2,3 133 33 133 55 31,6 7,5 53 55 31,7 1118 37 37 37 47 11 10	L 12,5 4 12,5 5 22,7 1100 5 22,7 1100 0 22,0 12,0 12,0 12,0 12,0 12,0 12	566 111 0 44 44 44 0 0 0 0 0

Data in accordance with Regulation EU 2016/2281

H Maximum speed; M Average Speed; L Minimum speed
(1) Room air temperature 20°C d.b.; Water (in/out) 70°C/60°C;
(2) Room air temperature 20°C d.b.; Water (in/out) 45°C/40°C (EUROVENT)
(3) Room air temperature 20°C d.b./19°C w.b.; Water (in/out) 7°C/12°C (EUROVENT)
(4) Sound power. Aermec determines sound power values on the basis of measurements made in accordance with UNI EN 16583:15, as required for Eurovent certification.
Sound pressure level (A-weighted) measured indoors with volume V=85m3, reverberation time t = 0.5 s; Direction factor Q = 2; Distance r = 2.5m

#### TECHNICAL DATA - UNIT WITH MAIN + SUPPLEMENTARY COIL

Size				101			201			301			401			501			601			701			801			901			1001	_
Fan speed			Н	М	L	Н	М	L	Н	М	L	Н	М	L	Н	М	L	Н	М	L	Н	М	L	Н	М	L	Н	М	ī	Н	М	ī
Heating Performance																																
4 pipe systems																																
Heating capacity (65°C)	(1)	kW	1,17	1,01	0,75	1,60	1,35	1,02	2,56	2,18	1,80	3,12	2,65	2,21	3,73	3,34	2,59	4,36	3,67	2,96	4,94	4,29	3,66	5,35	4,79	4,20	5,72	5,63	4,73	6,08	5,56	4,85
Water flow rate	(1)	l/h	102	89	65	140	118	89	224	191	158	273	232	186	327	293	227	381	321	259	437	375	320	467	419	368	501	492	414	532	487	424
Pressure drop	(1)	kPa	4,5	3,5	2,0	10,5	7,5	4,5	30,5	23,0	16,5	8,5	6,5	4,5	10,5	8,5	5,5	16,1	12,0	8,0	18,5	14,5	11,0	24,0	20,0	15,5	12,0	12,0	8,5	16,0	13,5	10,5
Cooling Performance																																
Total cooling capacity	(2)	kW	1,00	0,84	0,65	1,60	1,28	0,89	2,65	2,17	1,68	3,60	2,92	2,20	4,25	3,69	2,68	4,65	3,90	3,22	5,50	4,89	3,92	6,10	5,66	4,84	6,91	5,00	4,29	7,62	6,88	5,69
Sensible cooling capacity	(2)	kW	0,83	0,69	0,51	1,33	1,05	0,71	2,04	1,65	1,26	2,67	2,14	1,59	3,18	2,73	1,94	3,92	3,17	2,56	4,30	3,76	2,99	4,83	4,42	3,72	5,68	3,78	2,97	5,53	5,34	4,42
Cooling capacity (latent)	(2)	kW	0,17	0,15	0,14	0,27	0,23	0,18	0,61	0,52	0,42	0,93	0,78	0,61	1,07	0,96	0,74	0,73	0,73	0,66	1,20	1,13	0,93	1,27	1,24	1,12	1,23	1,22	1,32	2,09	1,54	1,27
Water flow rate	(2)	l/h	172	144	112	275	221	153	456	374	289	619	503	379	731	635	461	800	671	554	946	841	675	1049	974	832	1188	860	738	1311	1183	979
Pressure drop	(2)	kPa	7,0	5,0	4,0	18,0	12,5	6,5	18,0	13,0	8,0	34,0	23,5	14,0	29,0	22,5	13,0	26,0	19,0	14,5	30,0	24,5	16,5	30,0	26,5	20,0	9,5	14,5	9,5	37,3	31,0	22,0
Fans																																
Centrifugal fans		n°		1			1			2			2			2			3			3			3			3			3	
Air flow rate		m³/h	200	160	110	290	220	140	450	350	260	600	460	330	720	600	400	920	720	520	1140	930	700	1300	1120	900	1140	930	700	1300	1120	900
Sound level																																
Sound power level	(3)	dB(A)	45	38	31	51	46	35	48	41	34	51	44	37	56	51	42	57	51	42	62	57	50	66	61	56	62	57	51	66	61	56
Sound pressure level		dB(A)	37	30	23	43	38	27	40	33	26	43	36	29	48	43	34	49	43	34	54	49	42	58	53	48	54	49	43	58	53	48
Hydraulic connections																																
Main coil		Ø		1/2"			1/2"			3/4"			3/4"			3/4"			3/4"			3/4"			3/4"			3/4"			3/4"	
Additional coil		Ø		1/2"			1/2"			3/4"			3/4"			1/2"			1/2"			1/2"			1/2"			1/2"			1/2"	
Electrical data																																
Absorbed power		W	35	29	19	33	29	25	44	33	25	57	43	30	76	52	38	91	60	38	106	80	59	131	100	80	80	80	59	131	100	80
Connected for speeds			V3	V2	V1	V3	V2	٧1	V3	V2	٧1	V3	V2	V1	V3	V2	٧1	V3	V2	V1	V3	V2	٧1	V3	V2	٧1	V3	V2	٧1	V3	V2	V1
Power supply																	230V-	~50Hz	Z													

#### Data in accordance with Regulation EU 2016/2281

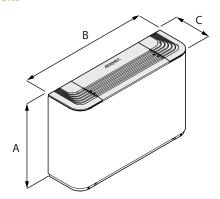
H Maximum speed; M Average Speed; L Minimum speed

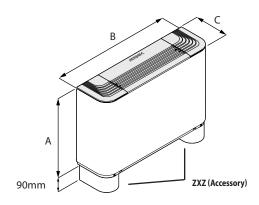
(1) Room air temperature 20°C d.b.; Water (in/out) 65°C/55°C;

(2) Room air temperature 27°C d.b./19°C w.b.; Water (in/out) 7°C/12°C (EUROVENT)

(3) Sound power: Aermec determines sound power values on the basis of measurements made in accordance with UNLEN 16583:15, as required for Eurovent certification Sound pressure level (A-weighted) measured indoors with volume V=85m3, reverberation time t = 0.5 s; Direction factor Q = 2; Distance r = 2.5m

#### **DIMENSIONS**





FCZ		100	101	102	150	200	201	202	250	300	301	302	350	400	401	402	450	500	501	502	550
Dimensions for all versions																					
A	mm		48	36			4	86			48	36			48	36			48	36	
A (with feet)	mm		57	76			5	76			57	76			57	76			57	76	
В	mm		64	10			7.	50			98	30			12	00			12	00	
(	mm		22	20			2.	20			22	20			22	20			22	20	
Weight without feet	kg	13	14	14	14	15	15	16	16	17	18	19	19	23	23	24	24	22	23	24	24

FCZ		600	601	602	650	700	701	702	750	800	801	802	850	900	901	/	950	1000	1001	/	/
Dimensions for all versions																					
A	mm		48	36			4	86			4	86			59	1			59	1	
A (with feet)	mm		57	76			5	76			5	76			68	1			68	1	
В	mm		13	20			13	320			13	20			132	20			132	20	
(	mm		22	20			2	20			2	20			22	0			22	0	
Weight without feet	kg	29	31	33	33	29	31	33	33	29	29	31	33		34				34	1	

All data is subject to change without notice. Aermec does not assume responsibility or liability for errors or omissions.

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