













VED 030I-340I

Fan coil unit for ducted installations



- Horizontal and vertical installation
- Large range of available static pressure
- Inspectable ventilation group
- Total comfort: reduced temperature and humidity oscillations
- Electricity savings of 50% compared with a fan coil with multi-speed motor





DESCRIPTION

 $\label{eq:cooling} \mbox{ Ducted fan coil, for heating, cooling and dehumidifying.}$

Designed to maintain the set temperature over time, ensuring very low sound levels.

Can be installed in any 2/4 pipe system and operates with any heat generator even at low temperatures.

Thanks to the availability of various options, with standard or increased coil, for horizontal or vertical installation, it is easy to choose the optimal solution for any need.

FEATURES

Case

Unit for internal installation.

Internally insulated structure with class 1 fire resistance and IP20 protection.

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.

Brushless motor with continuous speed variation 0-100%.

Inverter motor allows precise adaptation to the real indoor environment requirements without temperature oscillations.

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).

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

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 filte

Air filter Class G3, for easy removal and cleaning.

Controls and Accessoires

There is a wide selection of controls and a huge choice of accessories, to meet every system requirement.

The unit is supplied with the delivery connection supplied.



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.

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.

SWAI: External air or water temperature probe.

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).

WMT21: Electronic thermostat for inverter fancoils.

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 Components

DI24: 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, DI24 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. To allow for customization of the interface so that it seamlessly integrates with the style of any home, DI24 is compatible with switch plates from major brands available on the market. For more information, please refer to our documen-

tation. However, a switch plate with its graphite gray support, DI24CP, is also available as a separate accessory in our catalog.

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-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.

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.

Valves and additional water coil

BV: Hot water heat exchanger with 1 row.

VCF_X: 3-way valve kit for fan coils with single heat exchanger and hydraulic connections on the left side, for installation in 4-pipe systems. The kit is composed by 2 insulated 3-way valves and 4 connections complete with electrothermal actuators, insulating shells for the valves and with hydraulic fittings. 230V power supply. Hydraulic connections: Valve body Ø G 3/4" Male; Valve side connection pipes Ø G 3/4" Female; Unit side connection pipes Ø G 3/4" Male.

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

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.

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

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

AMP: Wall mounting kit

BC: Condensate drip.

DSC: Condensate drainage device.

Accessories for intake

GA: Intake grid with fixed louvers

GA_Z: Intake grid with fixed louvers in RAL 9003 colour.

GAF: Intake grid with filter and fixed louvers

GAF_Z: Intake grid with filter and fixed louvers in RAL 9003 colour.

SE_X: External air shutter with manual control.

RDA_V: Straight intake connection with rectangular flange.

RDA_C: Straight intake connection with circular flanges.

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

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

Delivery accessories

GM_Z: Outlet grid with fixed louvers in RAL 9003 colour.

MZC: Plenum with motorised dampers.

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_C: Straight discharge internally insulated, with circular flanges.

RDM_V: Straight delivery coupling in galvanised sheet metal.

KFV: Circular flanges kit for plenum.

ACCESSORIES COMPATIBILITY

Control panels and dedicated accessories

Accessory	VED030I	VED040I	VED130I	VED140I	VED230I	VED240I	VED330I	VED340I
AER503IR	•	•	•	•	•	•	•	•
PR0503	•		•	•	•	•	•	•
SA5	•	•	•	•	•	•	•	•
SW3	•	•	•	•	•	•	•	•
SW5	•	•	•	•	•	•	•	•
SWAI	•	•	•	•	•	•	•	•
TX	•	•	•	•	•	•	•	•
WMT21	•	•				•	•	•

VMF system

Accessory	VED030I	VED040I	VED130I	VED140I	VED230I	VED240I	VED330I	VED340I
DI24	•	•	•	•	•	•	•	•
VMF-E19I	•	•	•	•	•	•	•	•
VMF-E3	•	•	•	•	•	•	•	•
VMF-E4DX	•	•	•	•	•	•	•	•
VMF-E4X	•	•	•	•	•	•	•	•
VMF-IO	•	•	•	•	•	•	•	•
VMF-IR	•		•		•	•	•	•
VMF-LON	•	•	•	•	•	•	•	•
VMF-SW	•	•	•	•	•	•	•	•
VMF-SW1	•	•	•	•	•	•	•	•
VMHI	•	•		•	•	•	•	•

(Heating only) additional coil

(Heating only) additional coll											
Ver	030	040	130	140	230	240	330	340			
I	BV030	-	BV130	-	BV230	-	BV162	-			

Water valves

Valve Kit for 4 pipe systems with main coil

Accessory	VED030I	VED040I	VED130I	VED140I	VED230I	VED240I	VED330I	VED340I
VCF3X4L	•	•	•		•		•	•
VCF3X4LS				•		•		
VCF3X4R	•	•	•		•		•	•
VCF3X4RS				•		•		

3 way valve kit

	VED030I	VED040I	VED130I	VED140I	VED230I	VED240I	VED330I	VED340I
3 way valve kit								
Main heat exchanger	VCF43-VCF4324	VCF43-VCF4324	VCF43-VCF4324	VCF43S-VCF4324S	VCF43-VCF4324	VCF43S-VCF4324S	VCF43-VCF4324	VCF43-VCF4324
Additional coil "BV"	VCF45-VCF4524	-	VCF45-VFC4524	-	VCF45-VCF4524	-	VCF45-VCF4524	-

VCF43 - 45 Power supply 230V, VCF4324-4524 Power supply 24V - Hydraulic connections Ø 3/4"

2 way valve kit

	VED030I	VED040I	VED130I	VED140I	VED230I	VED240I	VED330I	VED340I
2 way valve kit								_
Main heat exchanger	VCFD3-VCFD324	VCFD3-VCFD324	VCFD3-VCFD324	VCFD2-VCFD224	VCFD3-VCFD324	VCFD2-VCFD224	VCFD3-VCFD324	VCFD3-VCFD324
Additional coil "BV"	VCFD4-VCFD424	-	VCFD4-VCFD424	-	VCFD4-VCFD424	-	VCFD4-VCFD424	-

VCFD3 Power supply 230V, VCFD324 Power supply 24V - Hydraulic connections Ø 3/4" VCFD4 Power supply 230V, VCFD424 Power supply 24V - Hydraulic connections Ø 1/2"; For additional coil (heating only) BV.

Combined adjustment and balancing valve cold side

Model	Ver	030	040	130	140	230	240	330	340
VJP060 (1)	I	•	•	•	•				
VJP060M (2)	I	•	•	•	•				
VJP090 (1)	I					•	•	•	•
VJP090M (2)	1					•	•	•	•

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PERSON	Model	Ver	030	040	130	140	230 240	330	340
1309-5480 1309-5481 1309	JP150 (1)	1						•	•
1.30	JP150M (2)							•	•
) 24V	50M-090M-150M (24V)							
Value Valu									
Ver 198									
			VFD040I	VFD130I	VF	D140I	VFD230I	VFD240I	VED340I
New Year 1986 198									•
Very 100	ondonesto dein								
Color	•	VEDUSUI	VFDO40I	VED130I	VFD140I	VFD230I	VFD240I	VED330I	VED340I
Ceesary YED-000 VED-000 YED-000 YED-	•								•
Comparison Com		•	•	•	•	•	•	•	•
Comparison Com	CCOCCOVU	VEDUSUI	VEDOVOI	VEN130I	VED140I	VED330I	VEDSANI	VED330I	VED340I
Company Comp	•								•
Ver	CZ4 For vertical installation. CZ6 For horizontal installation.	,				,	,	,	
Ver	ondensate drainage								
		030	040	130	140	230	240	330	340
Note	l I								DSC4
Ver									
		030	040	130	140	230	240	330	340
Name									GA62
GAF22 GAF22 GAF32 GAF32 GAF32 GAF42 GAF42 GAF42 GAF62	ntake grid with filter and	1							
Ver 0.30 0.40 130 140 230 240 330 24	Ver	030	040	130	140	230	240	330	340
Ver 030 040 130 140 230 240 330 240	l		GAF22	GAF32	GAF32	GAF42	GAF42	GAF62	GAF62
				420	440				
The SE accessories must be combined with the design and structural feet. Name	ver								340 SE80X (1
Net) TI 65			3E30A (1)	3E3UA (1)	3L40A (1)	3E40A (1)	JEOUN (1)	JEOUN (I
Ver 030 040 130 140 230 240 330 320		-	turai feet.						
RDA000V RDA00V RDA100V RDA100V RDA200V RDA200V RDA200V RDA300V									
Name	Ver								340 RDA300\
Ver 030 040 130 140 230 240 330 240 230 240	I			KDATOUV	KDATUUV	KDAZOUV	RDAZOUV	KDASUUV	NUNCAUN
RDAC000V RDAC000V RDAC100V RDAC100V RDAC200V RDAC200V RDAC200V RDAC300V RDAC200V RDAC200V RDAC300V RDAC300V RDAC200V RDAC200V RDAC200V RDAC200V RDAC200V RDAC200V RDAC200V RDAC200V RDAC200V RDAC200V RDAC200V RDAC200V RDAC200V RDAC200V RDAC200V RDAC200V RDAC200V RDAC200V RDAC200V RDAC200V RDAC200V RDAC200V RDAC200V RDAC20V RDAC20V RDAC20V RDAC20V RDAC20V RDAC20V RDAC20V RDAC200V RDAC20V RDAC20								,	
Ver 030 040 130 140 230 240 330 240 330 240 330 240 330 240 330 240 330 240 330 240 330 240 330 240 330 240 330 240 330 240 330 240 330 240 330 240 330 240 330 240 330 240 330 240	Ver								340
Ver 030 040 130 140 230 240 330 240 330 240 330 240 330 240 330 240 330 240 330 240 330 240 330 240 330 240 330 240 330 240 330 240 230 240		RDAC000V	RDAC000V	RDAC100V	RDAC100V	RDAC200V	RDAC200V	RDAC300V	RDAC300
Ver 030 040 130 140 230 240 330 240 330 240 330 240 330 240 330 240 330 240 330 240 330 240 330 240 330 240 330 240 330 240 330 240 230 240	ntake plenum with rectar	ngular flanges							
Net 030 040 130 140 230 240 330 240 330 240 330 240			040	130	140	230	240	330	340
Ver 030 040 130 140 230 240 330 I PA000V PA000V PA100V PA100V PA200V PA200V PA300V Delivery accessories Dutlet grille with adjustable louvers Ver 030 040 130 140 230 240 330 I GM22 GM22 GM32 GM32 GM42 GM42 GM62 Dutlet grille with adjustable louvers Ver 030 040 130 140 230 240 330 Use of M100Z (1) GM20Z (1) GM300Z (1) GM300Z (1) GM300Z (1) GM400Z (1) GM600Z (1) 1) In order to be used on the units, the following accessories require a connection (duct) to be made by the user depending on the distance between the position of the unit and the positioning of the integrilles cannot be directly coupled to the unit.		RPA000V	RPA000V	RPA100V	RPA100V	RPA200V	RPA200V	RPA300V	RPA300V
Ver 030 040 130 140 230 240 330 I PA000V PA000V PA100V PA100V PA200V PA200V PA300V Delivery accessories Dutlet grille with adjustable louvers Ver 030 040 130 140 230 240 330 I GM22 GM22 GM32 GM32 GM42 GM42 GM62 Dutlet grille with adjustable louvers Ver 030 040 130 140 230 240 330 Use of M100Z (1) GM20Z (1) GM300Z (1) GM300Z (1) GM300Z (1) GM400Z (1) GM600Z (1) 1) In order to be used on the units, the following accessories require a connection (duct) to be made by the user depending on the distance between the position of the unit and the positioning of the integrilles cannot be directly coupled to the unit.	ntake plenum with circul	ar flanges							
PA000V PA000V PA100V PA100V PA200V PA200V PA200V PA300V			040	130	140	230	240	330	340
Delivery accessories Dutlet grille with adjustable louvers Ver 030 040 130 140 230 240 330 I GM22 GM22 GM32 GM32 GM32 GM42 GM42 GM62 Dutlet grille with adjustable louvers Ver 030 040 130 140 230 240 330 U GM100Z (1) GM200Z (1) GM300Z (1) GM300Z (1) GM300Z (1) GM300Z (1) GM400Z (1) GM600Z (1) Un order to be used on the units, the following accessories require a connection (duct) to be made by the user depending on the distance between the position of the unit and the positioning of the integrilles cannot be directly coupled to the unit.									PA300V
Ver 030 040 130 140 230 240 330 I GM22 GM22 GM32 GM32 GM42 GM42 GM62 Outlet grille with adjustable louvers Ver 030 040 130 140 230 240 330 I GM100Z (1) GM200Z (1) GM300Z (1) GM300Z (1) GM300Z (1) GM400Z (1) GM600Z (1) In order to be used on the units, the following accessories require a connection (duct) to be made by the user depending on the distance between the position of the unit and the positioning of the integrilles cannot be directly coupled to the unit.	Pelivery accessories								
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Putlet grille with adjustable louvers Ver 030 040 130 140 230 240 330 I GM100Z (1) GM200Z (1) GM300Z (1) GM300Z (1) GM300Z (1) GM300Z (1) GM400Z (1) GM600Z (1) I) In order to be used on the units, the following accessories require a connection (duct) to be made by the user depending on the distance between the position of the unit and the positioning of the integrilles cannot be directly coupled to the unit.	Ver								340
Ver 030 040 130 140 230 240 330 I GM100Z (1) GM200Z (1) GM300Z (1) GM300Z (1) GM300Z (1) GM300Z (1) GM400Z (1) GM600Z (1) I) In order to be used on the units, the following accessories require a connection (duct) to be made by the user depending on the distance between the position of the unit and the positioning of the integrilles cannot be directly coupled to the unit.	I	GM22	GM22	GM32	GM32	GM42	GM42	GM62	GM62
I GM100Z (1) GM200Z (1) GM300Z (1) GM300Z (1) GM300Z (1) GM300Z (1) GM300Z (1) GM400Z (1) GM600Z (1) I) In order to be used on the units, the following accessories require a connection (duct) to be made by the user depending on the distance between the position of the unit and the positioning of the integrilles cannot be directly coupled to the unit.									
) In order to be used on the units, the following accessories require a connection (duct) to be made by the user depending on the distance between the position of the unit and the positioning of the integrilles cannot be directly coupled to the unit.	Ver ·								340
grilles cannot be directly coupled to the unit.	<u> </u>								GM600Z (
ntake grids	grilles cannot be directly coupled to		re a connection (duct) t	to be made by the user o	depending on the d	istance between the	e position of the unit and	the positioning of the in	take/outlet gril
H 020 040 120 140 220 240 240				130	140			724	
Ver 030 040 130 140 230 240 330 I GA200Z GA200Z GA300Z GA300Z GA300Z GA400Z GA600Z	Ver								340 GA600Z

Intake grid with filter and fixed louvers

Ver	030	040	130	140	230	240	330	340
	GAF100Z (1)	GAF200Z (1)	GAF300Z (1)	GAF300Z (1)	GAF400Z (1)	GAF400Z (1)	GAF600Z (1)	GAF600Z (1)

⁽¹⁾ In order to be used on the units, the following accessories require a connection (duct) to be made by the user depending on the distance between the position of the unit and the positioning of the intake/outlet grilles. The grilles cannot be directly coupled to the unit.

Plenum with motor-driven dampers

	Ver	030	040	130	140	230	240	330	340
Ξ	1	MZC220	MZC220	MZC320	MZC320	MZC530	MZC530	MZC830	MZC830

Delivery plenum internally insulated, with circular flanges

Ver	030	040	130	140	230	240	330	340
I	PM000V	PM000V	PM100V	PM100V	PM200V	PM200V	PM300V	PM300V

Delivery plenum internally insulated, with rectangular flanges

Ver	030	040	130	140	230	240	330	340
1	RPM000V	RPM000V	RPM100V	RPM100V	RPM200V	RPM200V	RPM300V	RPM300V

Delivery straight internally insulated, with circular flanges

Ver	030	040	130	140	230	240	330	340
1	RDMC000V	RDMC000V	RDMC100V	RDMC100V	RDMC200V	RDMC200V	RDMC300V	RDMC300V

Straight delivery coupling

Ver	030	040	130	140	230	240	330	340
I	RDM000V	RDM000V	RDM100V	RDM100V	RDM200V	RDM200V	RDM300V	RDM300V

Circular flanges kit for plenum

Accessory	VED030I	VED040I	VED130I	VED140I	VED230I	VED240I	VED340I
KFV10	•		•	•	•	•	•

PERFORMANCE SPECIFICATIONS

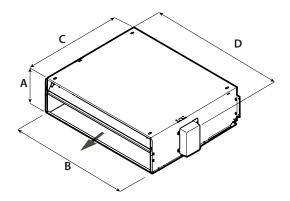
2-nine

		1	/ED03	Ol	١	/ED040)I	١	/ED13()I	١	/ED14	Ol	١	/ED23(DI	١	ED240)I	VED330I			VED340I		
	'	1	5	7	1	5	7	1	5	7	1	5	7	1	5	7	1	5	7	1	5	7	1	5	7
		L	М	Н	L	М	Н	L	М	Н	L	М	Н	L	М	Н	L	М	Н	L	М	Н	L	М	Н
Heating performance 70 °C / 60 °C (1)																									-
Heating capacity	kW	1,82	3,37	3,69	2,37	3,57	3,92	4,40	5,83	6,29	4,52	6,09	6,58	5,35	6,50	7,16	5,80	7,14	7,91	7,81	9,34	10,51	8,31	10,08	10,95
Water flow rate system side	l/h	160	296	323	207	313	343	386	512	552	396	534	577	469	570	628	509	626	694	685	819	921	729	878	960
Pressure drop system side	kPa	3	7	9	4	10	12	13	22	26	9	16	18	27	30	37	18	26	32	9	13	16	22	28	32
Heating performance 45 °C / 40 °C (2)																									
Heating capacity	kW	0,90	1,67	1,83	1,17	1,77	1,94	2,18	2,90	3,12	2,24	3,02	3,27	2,66	3,23	3,56	2,88	3,55	3,93	3,88	4,64	5,22	3,98	4,98	5,44
Water flow rate system side	l/h	157	291	318	204	308	338	380	504	543	390	526	568	462	561	618	501	616	683	674	807	907	718	865	945
Pressure drop system side	kPa	3	8	9	5	11	13	15	24	28	10	16	19	26	29	36	18	27	32	10	14	17	13	20	23
Cooling performance 7 °C / 12 °C																									
Cooling capacity	kW	0,98	1,42	1,58	1,11	1,69	1,86	2,06	2,76	2,95	2,25	3,02	3,25	2,57	3,09	3,37	2,88	3,59	3,97	3,62	4,36	4,91	3,95	4,72	5,27
Sensible cooling capacity	kW	0,74	1,08	1,20	0,80	1,20	1,31	1,42	1,91	2,05	1,59	2,16	2,32	1,98	2,40	2,65	2,18	2,67	2,96	2,77	3,27	3,64	2,92	3,51	3,90
Water flow rate system side	l/h	170	250	279	193	296	327	358	480	515	390	525	566	445	538	588	499	624	691	633	760	860	680	811	906
Pressure drop system side	kPa	3	7	9	5	12	14	15	27	41	11	20	23	25	36	44	16	31	37	10	14	18	16	21	26
Fan																									
Туре	type												Centr	fugal											
Fan motor	type												Inve	rter											
Number	no.		1			1			2			2			2			2			3			3	
Air flow rate	m³/h	161	256	285	160	249	277	287	397	434	280	386	420	417	524	590	406	509	570	572	704	805	563	685	775
High static pressure	Pa	21	50	61	21	50	61	26	50	60	26	50	60	32	50	64	32	50	63	33	50	66	34	50	64
Input power	W	12	29	36	12	29	36	17	33	45	17	33	45	24	40	53	24	40	53	35	60	86	35	60	86
Signal 0-10V	%	54	80	90	54	80	90	58	82	90	58	82	90	66	80	90	62	80	90	62	78	90	66	84	90
Duct type fan coil sound data (3)																									
Sound power level (inlet + radiated)	dB(A)	44,0	52,0	54,0	44,0	52,0	54,0	47,0	53,0	55,0	47,0	53,0	55,0	49,0	54,0	57,0	49,0	54,0	57,0	49,0	55,0	58,0	49,0	55,0	58,0
Sound power level (outlet)	dB(A)	40,0	48,0	50,0	40,0	48,0	50,0	42,0	48,0	50,0	42,0	48,0	50,0	44,0	49,0	52,0	44,0	49,0	52,0	45,0	51,0	54,0	45,0	51,0	54,0
Diametre hydraulic fittings																									
Туре	type												Gas	- F											
Main heat exchanger	Ø												3/	4"											
Power supply																									
Power supply													230V	~50Hz											

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⁽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



		VED030I	VED040I	VED130I	VED140I	VED230I	VED240I	VED330I	VED340I
Dimensions and weights									
A	mm	217	217	217	217	217	217	217	217
В	mm	550	550	781	781	1001	1001	1122	1122
С	mm	584	584	584	584	584	584	584	584
D	mm	576	576	807	807	1027	1027	1148	1148

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