













VEC-I

Coanda-effect fan coil for cassette installation



- Very quiet
- Electric saving equal to 50% with respect to a fan coil with 3-speed motor
- Total comfort: reduced variations in temperature and relative humidity in every season





DESCRIPTION

Thanks to a special air intake and flow grid, these units allow a coanda-effect air flow to be generated, parallel to the ceiling, creating optimal circulation inside the room to be air-conditioned.

They are suitable to be installed inside a suspended ceiling.

FEATURES

Ventilation group

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

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

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

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

The high efficiency even with low speed, makes it possible to reduce power consumption (more than 50% less than fan coils with traditional motors).

Apart from the inverter motor of the "VEC-I" models, each unit can be supplied with a single-phase asynchronous "VEC" motor.

Heat exchanger coil

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

Units are available with a standard coil (20-50) and a larger coil (24-54). Only units with the standard coil can be combined with an additional electric or water coil with 1 row, both available as an accessory.

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

The hydraulic connections can be inverted during installation.

Air filter

Fire resistance class 1 air filter.

ACCESSORY COMPULSORY

Control panels and dedicated accessories

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.

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

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

AerSuite

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

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

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



VMF Components

D124: Flush-mounted interface (503 box) with 2.4" touch screen display to be combined with VMF-E19, VMF-E19I accessories. It allows you to regulate and monitor the temperature inside rooms precisely and on time; in addition to accessing and interacting with your system's operating information, parameters and alarms, it allows you to set time slots. Thanks to its Wi-Fi connection, D124 in combination with the AerSuite APP (available for Android and iOS) can also be remotely controlled. All programming and most functions are done in a simple and intuitive way using the APP. To allow for customization of the interface so that it seamlessly integrates with the style of any home, D124 is compatible with switch plates from major brands available on the market. For more information, please refer to our documentation. However, a switch plate with its graphite gray support, D124CP, 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-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-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

Common accessories

BV: Hot water heat exchanger with 1 row.

RX: Armoured electric coil with safety thermostat.

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

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

DSC: Condensate drainage device.

BC: Condensate drip.

PCR: Galvanised plate protection for the controls and the electrical element.

ACCESSORIES COMPATIBILITY

Accessories mandatory

Intake grid and distribution of the air

Accessory	VEC24I	VEC30I	VEC34I	VEC40I	VEC44I	VEC50I	VEC54I
VEC20GL	•						
VEC30GL		•	•				
VEC40GL					•		•

Control panels and dedicated accessories

Accessory	VEC20I	VEC24I	VEC30I	VEC34I	VEC40I	VEC44I	VEC50I	VEC54I
AER503IR	•	•	•	•	•	•	•	•
PR0503	•	•	•	•	•	•	•	•
SA5	•	•	•	•	•	•	•	•
SW5	•	•	•	•	•	•	•	•
TX	•	•	•	•	•	•	•	•

VMF Components

Model	Ver	20	24	30	34	40	44	50	54
DI24		•	•	•	•	•	•	•	•
VMF-E19 (1)		•			•		•		•
VMF-E3		•	•	•	•	•	•	•	•
VMF-E4X		•	•	•	•		•	•	•
VMF-IR		•	•	•	•	•	•	•	•
VMF-SW		•	•	•	•	•	•	•	•
VMF-SW1							•	•	•
VMHI		•	•	•	•	•	•	•	•

⁽¹⁾ Also the accessory VMF-SIT3V is mandatory if the unit exceeds 0.7 Amperes.

Common accessories

Electric coil

Accessory	VEC20I	VEC24I	VEC30I	VEC34I	VEC40I	VEC44I	VEC50I	VEC54I
RX22	•	•						
RX32			•	•				
RX42					•	•		
RX52								•

Protection for controls and electric resistance

Accessory	VEC20I	VEC24I	VEC30I	VEC34I	VEC40I	VEC44I	VEC50I	VEC54I
PCR1V	•	•	•	•	•	•	•	•

Water coil with 1 row

Accessory	VEC20I	VEC30I	VEC40I	VEC50I
BV122	•			

Accessory			VEC20I						VEC30I						VEC40	01						VEC5	OI		
BV132									•																
BV142																									
2			"																						
3-way valve kit	- main coil or acc																							4	
	VEC20I	VEC24				EC30I	24		VEC34I	22.4	- 1/6	VEC4	_			/EC44				EC50I				C54I	
Main coil	VCF41 - VCF4124	VCF42 - VC	F4224		VCF41	-VCF41	24	VCF4	2 - VCF4	224	VC	F42 - V	CF4224	+	VCF4.	2 - VCF	4224		VCF4	2 - VCF4	4224		VCF42	- VCF42	.24
Additional coil "BV"	VCF44 - VCF4424	-		1	VCF44	- VCF42	224		-		VC	F44 - V	CF4224	ļ		-			VCF4	4 - VCF4	4224			-	
DV	-										_														_
2-way valve kit	- main coil or acc	essory BV	coil																						
•	VEC20I	VEC24	41		V	EC30I			VEC34I			VEC4	101		1	/EC44	1		١	/EC50I			VE	C54I	_
Main coil	VCFD1 - VCFD124	VCFD2 - VC	FD224	1	VCFD1	- VCFD1	124	VCFE	2 - VCFD	224	VC	FD2 - V	CFD224	1	VCFD:	2 - VCF	D224		VCFD2	2 - VCFI	D224		VCFD2 -	- VCFD2	224
Additional coil	VCED2 VCED424			,	VCEDA	VCED	124					ED4 V	CEDAD						VCED	ı veri	0424				
"BV"	VCFD2 - VCFD424	-			VCFD4	-VCFD4	124		-		VC	FD4 - V	CFD4Z4	+		-			VCFD	4 - VCFI	J4Z4			-	
/alves ending wi	ith 24 ex. VCFD12	M aro 24\/																							
•		, aic 24V.																							
Condensate dri	р																								_
Accessory		VEC20I		VEC				C30I		VEC3	41		VE	C40I			VEC44			VEC			١	/EC54I	_
3C5		•		•				•		•				•			•			•	•			٠	_
Condensate dra	ainaga																								
	illage	VEC20I		VEC	241		VE	C30I		VEC3	AI.		VE	C40I			VEC44	ı		VEC	בטו		١	/EC54l	_
Accessory								•		VEC	41		V L	•			VEC44				.301			•	_
PERFORMAN	ICE SPECIFICA	TIONS V	EC	•																					
PERFORMAN P-pipe	ICE SPECIFICA			EC201		V	EC24I		VEC30)l	,	VEC34I	ı	,	/EC40I		,	VEC44	ı		VEC50	I		VEC54	_
PERFORMAN	ICE SPECIFICA				3	V	EC24I	3 1		DI 3	1	VEC34 I	3	1	/EC401	3	1	VEC44 2	J 3	1	VEC50 2	I	1	VEC54	ı
PERFORMAN	ICE SPECIFICA		VI	EC201		_	EC241	3 1 H I				_	_	_		3 H		_		-			_	_	3
PERFORMAN -pipe			V I	EC201 2	3	1	EC241		2	3	1	2	3	1	2	_	1	2	3	-	2	3	1	2	
PERFORMAN -pipe			1 L	EC201 2	3 H	1 L	EC24I 2 M		. M	3 H	1 L	2	3 H	1 L	2 M	_	1	2	3	1 L	2	3 H	1 L	2 M	-
PERFORMAN -pipe Heating performance leating capacity	270°C/60°C(1)	TIONS V	1 L 1,87	EC201 2 M	3 H	1 L	EC24I 2 M	Н	2 . M	3 H 4,31	1 L	2 M	3 H	1 L	2 M 5,21	Н	1 L	2 M	3 H	1 L	2 M	3 H	1 L	2 M	9,
PERFORMANpipe	270°C/60°C(1) Side	TIONS V	1 L 1,87	EC201 2 M	3 H	1 L	EC24I 2 M 2,50 3 219 3	H I	2 M 03 3,64 66 319	3 H 4,31	1 L 4,31	2 M 53,18	3 H 6,14	1 L 4,21	2 M 5,21	H 6,29	1 L 5,41	2 M	3 H 8,07	1 L 4,76	2 M	3 H 7,16	1 L	2 M 8,08	9,
PERFORMANpipe	270°C/60°C(1) Side	KW I/h kPa	1 L 1,87 1 164 2	2 M 2,54 223 4	3 H 3,10 272 6	1 L 2,07 181	2 M 2,50 3 219 3 2	H I 3,42 3,43 300 26 3 9	2 . M . M 	3 H 4,31 378 17	1 L 4,31 378 5	2 M 53,18 454 7	3 H 6,14 538 9	1 L 4,21 369 6	2 M 5,21 457 9	6,29 551 12	1 L 5,41 474 9	2 M 6,68 586 14	3 H 8,07 708 19	1 L 4,76 417 7	2 M 6,34 556 11	3 H 7,16 628 14	1 L 6,06 532 9	2 M 8,08 709 15	9, 81
PERFORMAN -pipe Heating performance -leating capacity Water flow rate system so Pressure drop systems id -leating performance -leating capacity	e 70 °C / 60 °C (1) side de 45 °C / 40 °C (2)	kW I/h kPa kW	1 1 L 1,87 2 164 2 0,95	2 M M 22,54 2223 4	3 H 3,10 272 6	2,07 181 1	2,50 3 219 3 2 1,40 1	H I I I I I I I I I I I I I I I I I I I	2 M 03 3,64 66 319 1 13	3 H 4,31 378 17	1 L 4,31 378 5	2 M 53,18 454 7 2,57	3 H 6,14 538 9	1 L 4,21 369 6	2 M 5,21 457 9	H 6,29 551 12 3,12	5,41 474 9	2 M 6,68 586 14	3 H 8,07 708 19	1 L 4,76 417 7	2 M 6,34 556 11	3 H 7,16 628 14	1 L 6,06 532 9	2 M 8,08 709 15	9, 80 1
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PERFORMAN pipe deating performance eating capacity later flow rate system sid leating performance eating capacity later flow rate system sid ooling performance ooling capacity later flow rate system sid ooling capacity ensible cooling capacity ster flow rate system sid ressure drop system sid	e 70 °C / 60 °C (1) side de e 45 °C / 40 °C (2) side de 7 °C / 12 °C	kW I/h kPa kW I/h kPa kW kW kW	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	EC201 2 M 22,54 2223 4 1,26 217 5	3,10 272 6 1,54 265 7	2,07 181 1 1,20 206 2 0,88 0,67	EC24I 2 M 2,50 3 219 3 2 1,40 1 241 2 3 3 1,21 1 0,90 1 208 2	H I 3,42 3,1 300 26 3 9 1,70 1,1 2292 29 4 9 1,52 1,1 1,14 1,1	2 M 33 3,64 66 319 1 13 50 1,81 8 311 1 13 35 1,61 33 1,25 2 277	3 H 4,31 378 17 2,14 368 17 1,91 1,49	1 L 4,31 378 5 2,15 370 5 1,79	2 M 53,18 454 7 2,57 442 7 2,14 1,51	3 H 6,14 538 9 3,05 525 9	1 L 4,21 369 6 2,09 359 6 1,99	2 M 5,21 457 9 2,59 445 9	H 6,29 551 12 3,12 537 13 22,99 22,41	5,41 474 9 2,69 463 10	2 M 6,68 586 14 3,30 568 14 3,34 2,42	3 H 8,07 708 19 4,01 690 20 3,91 2,74	1 L 4,76 417 7 2,37 408 7	2 M 6,34 556 11 3,15 542 12 3,17 2,27	3 H 7,16 628 14 3,56 612 14 3,61 2,59	6,06 532 9 3,02 519 17 3,00 2,09	2 M 8,08 709 15 4,02 691 15 4,00 2,83	9, 80 1 4, 73 1 4, 3, 73
PERFORMAN pipe leating performance leating capacity Vater flow rate system side leating capacity leating performance leating capacity vater flow rate system side leating capacity leating system side leating capacity leating system side leating performance leating capacity leating system side leating performance leating capacity leating performance leating capacity leating performance leating performance leating capacity leating performance leating capacity leating performance leating performance leating performance leating capacity leating performance leatin	e 70 °C / 60 °C (1) side de e 45 °C / 40 °C (2) side de 7 °C / 12 °C	kW I/h kPa kW I/h kPa kW KW I/h kPa	1,87 164 2 0,95 163 3 0,80 0,64 (138	EC201 2 M 22,54 2223 4 4 1,26 217 5	3,10 272 6 1,54 265 7 1,31 1,07 225	2,07 181 1 1,20 206 2 0,88 0,67	EC24I 2 M 2,50 3 219 3 2 1,40 1 241 2 3 3 1,21 1 0,90 1 208 2	H I I I I I I I I I I I I I I I I I I I	2 M 33 3,64 66 319 1 13 50 1,81 8 311 1 13 35 1,61 33 1,25 2 277	3 H 4,31 378 17 2,14 368 17 1,91 1,49 329	1 L 4,31 378 5 2,15 370 5 1,79 1,26 308	2 M 53,18 454 7 2,57 442 7 2,14 1,51 368	3 H 6,14 538 9 3,05 525 9 2,47 1,78 425 8	1 L 4,21 369 6 2,09 359 6 1,99 1,58 342 6	2 M 5,21 457 9 2,59 445 9	H 6,29 551 12 3,12 537 13 2,99 2,41 514	5,41 474 9 2,69 463 10 2,55 1,91 439	2 M 6,68 586 14 3,30 568 14 3,34 2,42 574	3 H 8,07 708 19 4,01 690 20 3,91 2,74 673	1 L 4,76 417 7 2,37 408 7 2,35 1,68 404	2 M 6,34 556 11 3,15 542 12 3,17 2,27 545	3 H 7,16 628 14 3,56 612 14 3,61 2,59 621	6,06 532 9 3,02 519 17 3,00 2,09 516	2 M 8,08 709 15 4,02 691 15 4,00 2,83 688	9, 8 1 1 4, 7 1 1 4, 3, 7 7 1
PERFORMAN pipe leating performance leating capacity Vater flow rate system sideleating capacity Vater flow rate system sideleating capacity Vater flow rate system sideleating performance leating performance leating capacity Vater flow rate system sideleating vater fl	e 70 °C / 60 °C (1) side de e 45 °C / 40 °C (2) side de 7 °C / 12 °C	kW I/h kPa kW I/h kPa type	1,87 164 2 0,95 163 3 0,80 0,64 (138	EC201 2 M 22,54 2223 4 4 1,26 217 5	3,10 272 6 1,54 265 7 1,31 1,07 225	2,07 181 1 1,20 206 2 0,88 0,67	EC24I 2 M 2,50 3 219 3 2 1,40 1 241 2 3 3 1,21 1 0,90 1 208 2	H I I I I I I I I I I I I I I I I I I I	2 M 33 3,64 66 319 1 13 50 1,81 8 311 1 13 35 1,61 33 1,25 2 277	3 H 4,31 378 17 2,14 368 17 1,91 1,49 329	1 L 4,31 378 5 2,15 370 5 1,79 1,26 308	2 M 53,18 454 7 2,57 442 7 2,14 1,51 368	3 H 6,14 538 9 3,05 525 9 2,47 1,78 425 8	1 L 4,21 369 6 2,09 359 6 1,99 1,58 342 6	2 M 5,21 457 9 2,59 445 9	H 6,29 551 12 3,12 537 13 2,99 2,41 514	5,41 474 9 2,69 463 10 2,55 1,91 439	2 M 6,68 586 14 3,30 568 14 3,34 2,42 574	3 H 8,07 708 19 4,01 690 20 3,91 2,74 673	1 L 4,76 417 7 2,37 408 7 2,35 1,68 404	2 M 6,34 556 11 3,15 542 12 3,17 2,27 545	3 H 7,16 628 14 3,56 612 14 3,61 2,59 621	6,06 532 9 3,02 519 17 3,00 2,09 516	2 M 8,08 709 15 4,02 691 15 4,00 2,83 688	9, 80 1 4, 73 1 4, 3, 73
PERFORMAN pipe leating performance leating capacity Vater flow rate system side cooling performance leating capacity ensible cooling capacity vater flow rate system side an ype an motor	e 70 °C / 60 °C (1) side de e 45 °C / 40 °C (2) side de 7 °C / 12 °C	kW I/h kPa kW I/h kPa type type	1,87 164 2 0,95 163 3 0,80 0,64 (138	EC201 2 M 2,54 2223 4 1,26 217 5 1,07 0,87 184 4	3,10 272 6 1,54 265 7 1,31 1,07 225	2,07 181 1 1,20 206 2 0,88 0,67	EC24I 2 M 22,50 3 2219 3 2 1,40 1 241 2 3 3 11,21 1 0,90 1 208 2	H I I I I I I I I I I I I I I I I I I I	2 M M 33,644 319 13 13 13 13 13 1,25 2 2,277 11	3 H 4,31 378 17 2,14 368 17 1,91 1,49 329	1 L 4,31 378 5 2,15 370 5 1,79 1,26 308	2 M 53,18 454 7 2,57 442 7 2,14 1,51 368 6	3 H 6,14 538 9 3,05 525 9 2,47 1,78 425 8	1 L 4,21 369 6 2,09 359 6 1,99 1,58 342 6	2 M 5,21 457 9 2,59 445 9 2,47 1,98 425 9	H 6,29 551 12 3,12 537 13 2,99 2,41 514	5,41 474 9 2,69 463 10 2,55 1,91 439	2 M 6,68 586 14 3,30 568 14 3,34 2,42 574	3 H 8,07 708 19 4,01 690 20 3,91 2,74 673	1 L 4,76 417 7 2,37 408 7 2,35 1,68 404	2 M 6,34 556 11 3,15 542 12 3,17 2,27 545 12	3 H 7,16 628 14 3,56 612 14 3,61 2,59 621	6,06 532 9 3,02 519 17 3,00 2,09 516	2 M 8,08 709 15 4,02 691 15 4,00 2,83 688 27	9, 80 1 4, 73 1 4, 3, 73
PERFORMAN -pipe Heating performance deating capacity Water flow rate system sid Heating performance deating capacity Water flow rate system sid Heating performance deating capacity Water flow rate system sid Cooling performance dooling capacity Water flow rate system sid Foressure drop system sid Fores	e 70 °C / 60 °C (1) side de e 45 °C / 40 °C (2) side de 7 °C / 12 °C	kW I/h kPa kW I/h kPa type type no.	VI 1 1 1 1 1 1 1 1 1 1 1 1 1	EC201 2 M 2,54 2223 4 1,26 217 5 1,07 0,87 184 4	3,10 272 6 1,54 265 7 1,31 1,07 225 6	2,07 181 1 1,20 206 2 0,88 0,67 151	EC24I 2 M 2,50 3 2219 3 2 1,40 1 241 2 3 1 1 1	H I I I I I I I I I I I I I I I I I I I	2 M M 33 3,646 3199 13 13 13 13 13 13 13 13 13 13 13 14 13 14 15 15 16 16 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	3 H 4,31 378 17 2,14 368 17 1,91 1,49 329 13	1 L 4,31 378 5 2,15 370 5 1,79 1,26 308 5	2 M 53,18 454 7 2,57 442 7 2,14 1,51 368 6	3 H 6,14 538 9 3,05 525 9 2,47 1,78 425 8	1 L 4,21 369 6 2,09 359 6 1,99 1,58 342 6	2 M 5,21 457 9 2,59 445 9 2,47 1,98 425 9	H 6,29 551 12 3,12 537 13 2,99 2,41 514 12	1 L 5,41 474 9 2,69 463 10 2,55 1,91 439 11	2 M 6,68 586 14 3,30 568 14 3,34 2,42 574 17	3 H 8,07 708 19 4,01 690 20 3,91 2,74 673 22	1 L 4,76 417 7 2,37 408 7 2,35 1,68 404 7	2 M 6,34 556 11 3,15 542 12 3,17 2,27 545 12	3 H 7,16 628 14 3,56 612 14 3,61 2,59 621 15	1 L 6,06 532 9 3,02 519 17 3,00 2,09 516	2 M 8,08 709 15 4,02 691 15 4,00 2,83 688 27	9, 80 11 4, 78 11 4, 3, 73 3
PERFORMAN -pipe Heating performance leating capacity Water flow rate system sid Heating performance Heating capacity Water flow rate system sid Heating performance Heating capacity Water flow rate system sid Cooling performance Hooling capacity House flow rate system sid Hooling capacity House flow rate system sid House flow rate system sid House flow rate Heating flow	e 70 °C / 60 °C (1) side de e 45 °C / 40 °C (2) side de 7 °C / 12 °C	kW I/h kPa kW I/h kPa type type no. m³/h	1,87 1 164 2 0,95 163 3 0,80 0,64 (138 3)	2 M 2,54 223 4 1,26 2217 5 1,07 5 1,07 1,07 1,07 1,07 1,07	3 H 3,10 272 6 1,54 265 7 1,31 1,07 225 6	1 L 2,07 181 1 1,20 206 2 0,88 0,67 151 1	EC24I 2 M 2,50 3 219 3 2 1,40 1 241 2 3 1,1,21 1 208 2 2	H II H II	2 M M 33 3,646 3199 13 13 13 13 13 15 1,611 13 16 17 14 15 15 1,611 14 15 15 1,611 14 15 15 1,611 14 15 15 1,611 14 15 15 1,611 14 15 15 1,611 14 15 15 1,611 14 15 15 1,611 14 15 15 1,611 14 15 15 1,611 14 15 15 1,611 14 15 15 1,611 14 15 15 1,611 14 15 15 1,611 14 15 15 1,611 14 15 15 15 1,611 14 15 15 15 1,611 14 15 15 15 1,611 14 15 15 15 1,611 14 15 15 15 1,611 14 15 15 15 1,611 14 15 15 15 1,611 14 15 15 15 1,611 14 15 15 15 15 15 15 15 1,611 14 15 15 15 15 15 15 15 15 15 15 15 15 15	3 H 4,31 378 17 2,14 368 17 1,91 1,49 329 13	1 L 4,31 378 5 2,15 370 5 1,79 1,26 308 5	2 M 53,18 454 7 2,57 442 7 2,14 1,51 368 6	3 H 6,14 538 9 3,05 525 9 2,47 1,78 425 8 Centr Inve	1 L 4,21 369 6 2,09 359 6 1,99 1,58 342 6	2 M 5,21 457 9 2,59 445 9 2,47 1,98 425 9	H 6,29 551 12 3,12 537 13 2,99 2,41 514 12	5,41 474 9 2,69 463 10 2,55 1,91 439 11	2 M 6,68 586 14 3,30 568 14 2,42 574 17	3 H 8,07 708 19 4,01 690 20 3,91 2,74 673 22	1 L 4,76 417 7 2,37 408 7 2,35 1,68 404 7	2 M 6,34 556 11 3,15 542 12 3,17 2,27 545 12	3 H 7,16 628 14 3,56 612 14 3,61 2,59 621 15	1 L 6,06 532 9 3,02 519 17 3,00 2,09 516 17	2 M 8,08 709 15 4,02 691 15 4,00 2,83 688 27	9, 80 1 4, 78 1 4, 3, 73 3
PERFORMAN -pipe Heating performance leating capacity Water flow rate system so ressure drop system sid Heating performance deating capacity Water flow rate system sid Looling performance Looling capacity Water flow rate system sid Looling capacity Water flow rate system sid Looling capacity Looling capaci	e 70 °C / 60 °C (1) side de e 45 °C / 40 °C (2) side de 7 °C / 12 °C	kW I/h kPa kW I/h kPa type type no. m³/h W	1,87 1 1,64 2 0,95 1 163 3 0,80 0,64 (138 138 138 130 4	2 M 2,54 223 4 1,26 2217 5 1,07 5 1,07 1,07 1,07 1,09 4	3,10 272 6 1,54 265 7 1,31 1,07 225 6	1 L 2,07 181 1 1,20 206 2 0,88 0,67 151 1 130 4	EC24I 2 M M 22,50 3 2 219 3 2 2 1,40 1 2 241 2 3 3 1,21 1 10,90 1 208 2 2 2 1 1,67 2 9	H I I I I I I I I I I I I I I I I I I I	2 2 M M 3,644 66 3199 13 13 13 13 13 13 13 14 15 15 1,611 11 11 11 11 11 11 11 11 11 11 11 11	3 H 4,31 378 17 2,14 368 17 1,91 1,49 329 13	1 L 4,31 378 5 2,15 370 5 1,79 1,26 308 5	2 M 53,18 454 7 2,57 442 7 2,14 1,51 368 6	3 H 6,14 538 9 3,05 525 9 2,47 1,78 425 8 Centr Inve	1 L 4,21 369 6 2,09 359 6 1,58 342 6 fugal rter	2 M 5,21 457 9 2,59 445 9 2,47 1,98 425 9	H 6,29 551 12 3,12 537 13 2,99 2,41 12 511 26	5,41 474 9 2,69 463 10 2,55 1,91 439 11	2 M 6,68 586 14 3,30 568 14 2,42 574 17	3 H 8,07 708 19 4,01 690 20 3,91 2,74 673 22	1 L 4,76 417 7 2,37 408 7 2,35 1,68 404 7	2 M 6,34 556 11 3,15 542 12 3,17 2,27 545 12 2 529 27	3 H 7,16 628 14 3,56 612 14 3,61 2,59 621 15	6,06 532 9 3,02 519 17 3,00 2,09 516 17	2 M 8,08 709 15 4,02 691 15 4,00 2,83 688 27 2 529 27	9, 80 1 4, 3, 1 3, 1 3, 1 3
PERFORMAN -pipe Heating performance leating capacity Water flow rate system so ressure drop system sid Heating performance deating capacity Vater flow rate system sid Looling performance Looling capacity Water flow rate system sid Looling capacity Water flow rate system sid Looling capacity Looling capaci	e 70 °C / 60 °C (1) side de 45 °C / 40 °C (2) side de 7 °C / 12 °C y side de	kW I/h kPa kW I/h kPa type type no. m³/h	1,87 1 1,64 2 0,95 1 163 3 0,80 0,64 (138 138 138 130 4	2 M 2,54 223 4 1,26 2217 5 1,07 5 1,07 1,07 1,07 1,07 1,07	3 H 3,10 272 6 1,54 265 7 1,31 1,07 225 6	1 L 2,07 181 1 1,20 206 2 0,88 0,67 151 1	EC24I 2 M 22,50 3 219 3 2 1,40 1 241 2 3 3 1,121 1 208 2 2	H II H II	2 2 M M 3,644 66 3199 13 13 13 13 13 13 13 14 15 15 1,611 11 11 11 11 11 11 11 11 11 11 11 11	3 H 4,31 378 17 2,14 368 17 1,91 1,49 329 13	1 L 4,31 378 5 2,15 370 5 1,79 1,26 308 5	2 M 53,18 454 7 2,57 442 7 2,14 1,51 368 6	3 H 6,14 538 9 3,05 525 9 2,47 1,78 425 8 Centr Inve	1 L 4,21 369 6 2,09 359 6 1,99 1,58 342 6	2 M 5,21 457 9 2,59 445 9 2,47 1,98 425 9	H 6,29 551 12 3,12 537 13 2,99 2,41 514 12	5,41 474 9 2,69 463 10 2,55 1,91 439 11	2 M 6,68 586 14 3,30 568 14 2,42 574 17	3 H 8,07 708 19 4,01 690 20 3,91 2,74 673 22	1 L 4,76 417 7 2,37 408 7 2,35 1,68 404 7	2 M 6,34 556 11 3,15 542 12 3,17 2,27 545 12	3 H 7,16 628 14 3,56 612 14 3,61 2,59 621 15	1 L 6,06 532 9 3,02 519 17 3,00 2,09 516 17	2 M 8,08 709 15 4,02 691 15 4,00 2,83 688 27	9, 80 1 4, 78 1 4, 3, 1 3, 1 3
PERFORMANpipe	e 70 °C / 60 °C (1) side de 45 °C / 40 °C (2) side de 7 °C / 12 °C y side de	kW I/h kPa kW I/h kPa type type no. m³/h W	1,87 1 164 2 2 0,95 163 3 3 0,80 0,64 (138 138 130 4 48	EC201 2 M	3 H 3,10 272 6 1,54 265 7 1,31 1,07 225 6	1 L 2,07 181 1 1,20 206 2 0,88 0,67 151 1 130 4 48	EC24I 2 M M 22,50 3 2219 3 2 1,40 1 241 2 3 3 1,21 1 0,90 1 208 2 2 1 167 2 9 70	H I I A,42 3,300 2c B,70 1,70 1,70 1,70 1,70 1,70 1,70 1,70 1	2 2 M M 3,644 66 3199 13 13 13 13 13 13 13 14 15 15 1,611 11 11 11 11 11 11 11 11 11 11 11 11	3 H 4,31 378 17 2,14 368 17 1,91 1,49 329 13 383 35 90	1 L 4,31 378 5 2,15 370 5 1,79 1,26 308 5	2 M 53,18 454 7 2,57 442 7 2,14 1,51 368 6	3 H 6,14 538 9 3,05 525 9 2,47 1,78 425 8 Centr Inve	1 L 4,21 369 6 2,09 359 6 1,99 1,58 342 6 10 10 10 10 10 10 10 10 10 10 10 10 10	2 M 5,21 457 9 2,59 445 9 2,47 1,98 425 9	H 6,29 551 12 3,12 537 13 2,99 2,41 514 12 511 26 90	5,41 474 9 2,69 463 10 2,55 1,91 439 11	2 M 6,68 586 14 3,30 568 14 2,42 574 17 2 406 20 72	3 H 8,07 708 19 4,01 690 20 3,91 2,74 673 22 511 26 90	1 L 4,76 417 7 2,37 408 7 2,35 1,68 404 7	2 M 6,34 556 11 3,15 542 12 3,17 2,27 545 12 2 529 27 78	3 H 7,16 628 14 3,56 612 14 3,61 2,59 621 15 613 34 90	3,02 519 17 3,00 2,09 516 17 371 18 56	2 M 8,08 709 15 4,02 691 15 4,00 2,83 688 27 2 529 27 78	9, 81 1 4, 78 1 1 4, 7, 3, 7, 3

Diametre hydraulic fittings Main heat exchanger

Power supply

Power supply

3/4"

1/2"

Ø

1/2"

3/4"

230V~50Hz

3/4"

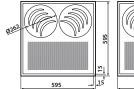
3/4"

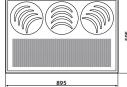
3/4"

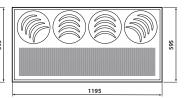
3/4"

⁽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.

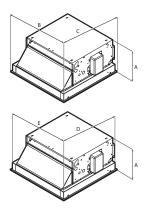
GRID DIMENSIONS (MANDATORY ACCESSORY)







DIMENSIONS



Dimensions and weights of the unit with grid (maximum dimensions)

Size			20	24	30	34	40	44	50	54
Dimensions and w	eights						-10			- 34
A		mm	283	283	283	283	283	283	283	283
В		mm	595	595	895	895	1195	1195	1195	1195
C		mm	595	595	595	595	595	595	595	595
Empty weight		kg	16	16	21	21	25	25	25	25
Weight of the grid		kg	3,7	3,7	5,7	5,7	7,0	7,0	7,0	7,0

Dimensions of the unit with grid (dimensions for installation)

Size			20	24	30	34	40	44	50	54
Dimensions a	nd weights									
A		mm	283	283	283	283	283	283	283	283
D		mm	574	574	574	574	574	574	574	574
E		mm	574	574	874	874	1174	1174	1174	1174