

DIVA

Cassette fan coils

Cooling capacity 1,9÷10,9 kW

Heating capacity 2,6÷14,0 kW

Features



Set-ups for 2 or 4-pipe installations or 2 pipe installations with electrical resistance

ABS or metal ceiling panelling with Coanda effect.

New touch controls

2 or 3-way, ON/OFF electrovalves and pre-mounted controls on board

Tax incentives*



Cassette-type fan coil units.

Construction features

- Fan coils: cassette-type for installation in false ceilings, with air return and delivery directly in the room.
- Heat exchanger: finned coil.
- Radial fan.
- 6-speed motor, 3 of which are connected in a terminal block.
- Structure: self-supporting, in galvanised sheet steel complete with an additional condensate drain pan and pump to lift the condensate (maximum head 650 mm).
- PLP buffer ceiling (accessory): in ABS polymer (RAL 9003) with manually adjustable delivery fins, return grille and regenerable filter.

Construction set-ups

Type of unit

2T - 2 pipes, single main coil.

4T - 4 pipes, double main coil and additional.

RE - 2 pipes, single main coil and electrical resistance.

ACCESSORIES

- PLP-ABS ceiling panelling (RAL 9003).
- PLM – Metal ceiling panelling (RAL 9003) flush with false ceiling with Coanda effect.
- ❖ 3-way ON/OFF electrovalve for 2 and 4-pipe systems.
- ❖ 2-way ON/OFF electrovalves for 2 and 4-pipe systems.
- Primary air duct fitting.
- Circular connector for air distribution at a distance from the unit.
- Primary air kit.

CONTROLS

STANDARD controls

For wall mounting installation

→ Panel with speed and summer/winter switch.

→ Panel with room thermostat, summer/winter switch, speed switch, ON/OFF valve control and electrical

resistance.

- Electronic panel with automatic summer/winter switching for 2-pipe systems.
- Electronic panel with automatic summer/winter switching and automatic speed adjustment for 2-pipe systems with electrical resistance or 4-pipe systems.
- Electronic panel with display and RS485 serial interface, semi-recessed in wall.
- Interface board to control up to 4 fan coils.

Advanced LIT-TOUCH controls

- Flush LIT-Touch control panel in glossy black or pearl white for wall mounting installation.
 - LIT-Touch remote control and receiver for ceiling panelling or wall mounting installation, with air temperature probe and operation LED.
- For on board installation
- ❖ LIT-Touch electronic control for 2-pipe systems, with 2 pipes with electrical resistance or 4 pipes, complete with minimum water temperature probe, ON/OFF valve control and integrated master/slave function up to a total of 15 units.
 - Additional board with 2 digital outputs that can be configured.
 - On board air temperature probe.
 - RS485 serial board for serial communication with other devices (Modbus RTU protocol).

Key: ❖ Factory fitted

- Supplied separately

Technical data

DIVA 2T				20	30	40	50	60	90	110	
❶ Total cooling capacity [EN1397]	MAX	kW	E	1,92	2,64	4,26	4,93	6,08	9,39	10,93	
	MED	kW	E	1,6	2,31	3,3	3,82	4,86	6,72	8,36	
	MIN	kW	E	1,25	1,82	2,23	2,91	4,18	5,27	5,27	
❷ Heating capacity (45°C) [EN1397]	MAX	kW	E	2,24	2,8	4,37	5,15	6,5	9,23	11,77	
	MED	kW	E	1,8	2,42	3,28	3,85	5,03	6,4	8,56	
	MIN	kW	E	1,39	1,86	2,13	2,85	4,27	4,92	5,12	
❸ Heating capacity (50°C)	MAX	kW	E	2,64	3,35	5,23	6,17	7,77	10,7	14	
	MED	kW	E	2,12	2,9	3,93	4,63	6,03	7,34	10,3	
	MIN	kW	E	1,62	2,22	2,56	3,43	5,12	5,61	6,13	
❹ Heating capacity (70°C) [EN1397]	MAX	kW		4,13	5,32	8,58	10,29	12,08	15,55	22,63	
	MED	kW		2,8	4,37	6,32	7,69	9,29	9,98	17,21	
	MIN	kW		2,03	3,24	4,13	5,48	7,19	7,23	9,74	
RE electrical resistance	230-1-50 V	kW		-	1,5	2,5	2,5	3	3	3	
❺ Air flow speed	MAX	m³/h		610	520	710	880	1140	1500	1820	
	MED	m³/h		420	420	500	610	820	970	1280	
	MIN	m³/h		310	310	320	430	630	710	710	
❻ Sound power	MAX	dB(A)	E	49	45	53	59	48	53	58	
	MED	dB(A)	E	40	40	45	49	40	40	48	
	MIN	dB(A)	E	33	33	33	41	33	34	34	
❼ Sp. sound pressure	MAX	dB(A)		40	36	44	50	39	44	49	
	MED	dB(A)		31	31	36	40	31	31	39	
	MIN	dB(A)		24	24	24	32	24	25	25	
Absorbed power	MAX	W	E	57	44	68	90	77	120	170	
	MED	W	E	32	32	44	57	48	63	95	
	MIN	W	E	25	25	25	32	33	42	42	
Electrical supply		V-ph-Hz		230-1-50	230-1-50	230-1-50	230-1-50	230-1-50	230-1-50	230-1-50	
DIMENSIONS AND WEIGHT				20	30	40	50	60	90	110	
Box – Dimensions WxHxD		mm		575 x 275 x 575	575 x 275 x 575	575 x 275 x 575	575 x 275 x 575	820 x 303 x 820	820 x 303 x 820	820 x 303 x 820	
PLP Ceiling panelling – Dimensions WxHxD		mm		670x 67x 670	670x 67x 670	670x 67x 670	670x 67x 670	965 x 85 x 965	965 x 85 x 965	965 x 85 x 965	
Box – Weight		kg		22	22	24	24	36	39	39	
PLP Ceiling panelling – Weight		kg		3	3	3	3	6	6	6	
DIVA 4T				20	30	32	40	42	50	60	80
❶ Total cooling capacity [EN1397]	MAX	kW	E	2,27	2,66	3,27	3,86	3,72	4,44	6,26	7,59
	MED	kW	E	1,93	2,33	2,61	3,02	2,96	3,47	4,98	5,6
	MIN	kW	E	1,49	1,83	1,83	2,07	2,33	2,69	4,11	4,48
❷ Heating capacity of additional coil (65°C) [EN1397]	MAX	kW	E	2,66	3,04	3,86	2,91	4,19	3,29	8,02	9,66
	MED	kW	E	2,23	2,66	3,04	2,4	3,33	2,66	6,33	7,15
	MIN	kW	E	1,73	2,14	2,14	1,74	2,61	2,14	5,21	5,69
❹ Heating capacity of additional coil (70°C) [EN1397]	MAX	kW	E	3,09	3,5	4,47	3,42	5,04	3,88	9,18	11,12
	MED	kW	E	2,57	3,05	3,5	2,75	4,03	3,12	7,24	8,16
	MIN	kW	E	1,99	2,46	2,46	2,01	3,13	2,49	5,94	6,49
❺ Air flow speed	MAX	m³/h		610	520	710	710	880	880	1140	1500
	MED	m³/h		420	420	500	500	610	610	820	970
	MIN	m³/h		310	310	320	320	430	430	630	710
❻ Sound power	MAX	dB(A)	E	49	45	53	53	59	59	48	53
	MED	dB(A)	E	40	40	45	45	49	49	40	40
	MIN	dB(A)	E	33	33	33	33	41	41	33	34
❼ Sp. sound pressure	MAX	dB(A)		40	36	44	44	50	50	39	44
	MED	dB(A)		31	31	36	36	40	40	31	31
	MIN	dB(A)		24	24	24	24	32	32	24	25
❺ Absorbed power	MAX	W	E	57	44	68	68	90	90	77	120
	MED	W	E	32	32	44	44	57	57	48	63
	MIN	W	E	25	25	25	25	32	32	33	42
Electrical supply		V-ph-Hz		230-1-50	230-1-50	230-1-50	230-1-50	230-1-50	230-1-50	230-1-50	230-1-50
DIMENSIONS AND WEIGHT				20	30	32	40	42	50	60	80

Box – Dimensions WxHxD	mm	575 x 275 x 575	575 x 275 x 575	575 x 275 x 575	575 x 275 x 575	575 x 275 x 575	575 x 275 x 575	575 x 275 x 575	820 x 303 x 820	820 x 303 x 820
PLP Ceiling panelling – Dimensions WxHxD	mm	670x 67x 670	670x 67x 670	670x 67x 670	670x 67x 670	670x 67x 670	670x 67x 670	670x 67x 670	965 x 85 x 965	965 x 85 x 965
Box – Weight	kg	24	24	24	24	24	24	24	39	39
PLP Ceiling panelling – Weight	kg	3	3	3	3	3	3	3	6	6

DIVA 2T

❶ Total cooling capacity [EN1397]	MAX	kW	E
	MED	kW	E
	MIN	kW	E
❷ Heating capacity (45°C) [EN1397]	MAX	kW	E
	MED	kW	E
	MIN	kW	E
❸ Heating capacity (50°C)	MAX	kW	E
	MED	kW	E
	MIN	kW	E
❹ Heating capacity (70°C) [EN1397]	MAX	kW	
	MED	kW	
	MIN	kW	
RE electrical resistance	230-1-50 V	kW	
❺ Air flow speed	MAX	m³/h	
	MED	m³/h	
	MIN	m³/h	
❻ Sound power	MAX	dB(A)	E
	MED	dB(A)	E
	MIN	dB(A)	E
❼ Sp. sound pressure	MAX	dB(A)	
	MED	dB(A)	
	MIN	dB(A)	
Absorbed power	MAX	W	E
	MED	W	E
	MIN	W	E
Electrical supply		V-ph-Hz	

DIMENSIONS AND WEIGHT

Box – Dimensions WxHxD	mm
PLP Ceiling panelling – Dimensions WxHxD	mm
Box – Weight	kg
PLP Ceiling panelling – Weight	kg

DIVA 4T

				90	92	110
❶ Total cooling capacity [EN1397]	MAX	kW	E	8,65	8,72	10,03
	MED	kW	E	6,27	6,84	7,75
	MIN	kW	E	4,95	4,48	4,95
❷ Heating capacity of additional coil (65°C) [EN1397]	MAX	kW	E	7,5	11,16	8,58
	MED	kW	E	5,63	8,81	6,79
	MIN	kW	E	4,59	5,69	4,59
❸ Heating capacity of additional coil (70°C) [EN1397]	MAX	kW	E	8,68	12,87	9,97
	MED	kW	E	6,48	10,08	7,5
	MIN	kW	E	5,27	6,49	5,27
❹ Air flow speed	MAX	m³/h		1500	1820	1820
	MED	m³/h		970	1280	1280
	MIN	m³/h		710	710	710
❺ Sound power	MAX	dB(A)	E	53	58	58
	MED	dB(A)	E	40	48	48
	MIN	dB(A)	E	34	34	34
❻ Sp. sound pressure	MAX	dB(A)		44	49	49
	MED	dB(A)		31	39	39
	MIN	dB(A)		25	25	25
❷ Absorbed power	MAX	W	E	120	170	170
	MED	W	E	63	95	95
	MIN	W	E	42	42	42
Electrical supply		V-ph-Hz		230-1-50	230-1-50	230-1-50

DIMENSIONS AND WEIGHT

Box – Dimensions WxHxD	mm	820 x 303 x 820	820 x 303 x 820	820 x 303 x 820
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PLP Ceiling panelling – Dimensions WxHxD	mm	965 x 85 x 965	965 x 85 x 965	965 x 85 x 965
Box – Weight	kg	39	39	39
PLP Ceiling panelling – Weight	kg	6	6	6

Data at the following conditions:

- ❶ Air: 27°C D.B.; 19°C W.B. – Water: 7/12°C.
- ❷ Air: 20°C – Water: 45/40°C.
- ❸ Air: 20°C – Water: 50°C, flow rate as in cooling.
- ❹ Air: 20°C – Water: 70/60°C.
- ❺ Air: 20°C – Water: 65/55°C.
- ❻ For room volume equal to 100 m³ and reverberation time = 0.5 sec.
- E Eurovent certified performance.
- ② 2 pipes
- ④ 4 pipes



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