

Cassette fan coils with EC motor

DIVA-I



Cooling capacity: 2.7÷10.7 kW - Heating capacity:
3.4÷12.7 kW

√ Consumption reduced by 50%
with EC motor

√ 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



INVERTER



Web code: DIVI1 controls: ACREG

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;
- Inverter brushless EC motor.
- 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 - Single main coil

4T - Double main coil and additional

RE - Single main coil and supplementary electrical resistance.

ACCESSORIES

- PLP- ABS ceiling panelling (RAL 9003).
- PLM- Metal ceiling panelling (RAL 9003) flush with false ceiling, 60x60cm models only.
- ♦ 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.
- Shank for air distribution at a distance from the unit.
- Primary air kit.

CONTROLS

STANDARD controls

For wall mounting installation

→ Electronic panel with display and RS485 serial interface, semi-recessed in wall.

Advanced LIT-TOUCH controls

- Wired 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-I 2T - DIVA-I RE		30	40	50	60	110
❶ Total cooling capacity [EN1397]	kW	2,73	4,3	4,96	6,3	10,69
❷ Heating capacity (45°C) [EN1397]	kW	2,87	4,36	5,15	6,7	10,56
❸ Heating capacity (50°C)	kW	3,44	5,24	6,2	8,01	12,7
❹ Heating capacity (70°C) [EN1397]	kW	5,81	8,81	10,47	13,5	21,34
RE electrical resistance	kW	-	1,5	2,5	2,5	3
Air flow speed	m³/h	535	710	880	1165	1770
Sound power	dB(A)	47	54	60	48	57
❺ Sp. sound pressure	dB(A)	38	45	51	39	48
Absorbed power	W	16	31	62	33	108
Electrical supply	V-ph-Hz	230-1-50	230-1-50	230-1-50	230-1-50	230-1-50
DIMENSIONS AND WEIGHTS		30	40	50	60	110
Box - Dimensions WxHxD	mm	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	965 x 85 x 965	965 x 85 x 965
Box - Weight	kg	22	24	24	36	39
PLP Ceiling panelling - Weight	kg	3	3	3	6	6
DIVA-I 4T		30	40	50	60	110
❶ Total cooling capacity [EN1397]	kW	2,75	3,9	4,47	6,48	9,76
❷ Heating capacity of additional coil (65°C) [EN1397]	kW	3,18	2,91	3,29	8,24	8,33
❸ Heating capacity of additional coil (70°C) [EN1397]	kW	3,64	3,38	3,85	9,39	9,62
Air flow speed	m³/h	535	710	880	1165	1770
Sound power	dB(A)	47	54	60	48	57
❺ Sp. sound pressure	dB(A)	38	45	51	39	48
Absorbed power	W	16	31	62	33	108
Electrical supply	V-ph-Hz	230-1-50	230-1-50	230-1-50	230-1-50	230-1-50
DIMENSIONS AND WEIGHTS		30	40	50	60	110
Box - Dimensions WxHxD	mm	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	965 x 85 x 965	965 x 85 x 965
Box - Weight	kg	22	24	24	36	39
PLP Ceiling panelling - Weight	kg	3	3	3	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.
- Performance refers to the motor's input signal: 10V - 5V - 1V at MAX - MED - MIN speed.



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