DIVA-XLI DIVA-XLI SWING

Cassette fan coils with EC motor

Cooling capacity 12,6-15,1 kW
Heating capacity 13,4-16,4 kW

Features

Innovative design for large environments

ABS ceiling panelling with manual or motorised fins and filter option ePM1-55%

Consumption reduced with EC motor

Touch controls

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

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, composed of a buffer ceiling unit.

DIVA-XLI

• Unit complete with:

– 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).

• Buffer ceiling (PLP or PLP/PM1 accessory): in ABS polymer (RAL 9003) with manually adjustable delivery fins and return grille.

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– 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).

– SWING advanced control for motorised fins integrated in the unit.

• Buffer ceiling (PLP/S or PLP/S/PM1 accessory): in ABS polymer (RAL 9003) with return grille, filter, IR receiver and motorised delivery fins.

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

DIVA-XLI

• PLP- ABS Ceiling panelling (RAL 9003), with regenerable filter.

• PLP/PM1 – ABS Ceiling panelling (RAL 9003), with filter ePM1-55% (F7).

DIVA-XLI SWING

• PLP/S- ABS Ceiling panelling (RAL 9003), with motorised fins and regenerable filter.

• PLP/S/PM1- ABS Ceiling panelling (RAL 9003), with motorised fins and filter ePM1-55% (F7).

DIVA-XLI; DIVA-XLI SWING

➔❖ 3-way ON/OFF electrovalve for 2 and 4-pipe systems.

➔❖ 2-way ON/OFF electrovalves for 2 and 4-pipe systems.

• Circular connector for air distribution at a distance from the unit.

• Primary air kit.

• Casing for in view installation.

• 3-way ON/OFF electrovalve for in view casing.

CONTROLS

DIVA-XLI
STANDARD control
For wall mounting installation
➔ Electronic panel with display and RS485 serial interface, semi-recessed in wall.

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).
DIVA-XLI SWING
SWING advanced control for motorised fins integrated in the unit.
➔ Control panel flush with the display.
➔ Remote control.
➔ Wall mounting receiver with probe and LED.

Key: ❖ Factory fitted
➔ Supplied separately

Technical data

DIVA-XLI – DIVA-XLI SWING	2T – RE			130	150
❶ Total cooling capacity [EN1397]	MAX	kW	E	12,6	15,13
	MED	kW	E	9,43	11,38
	MIN	kW	E	6,36	7,86
❷ Heating capacity (45°C) [EN1397]	MAX	kW	E	13,39	16,4
	MED	kW	E	9,59	11,86
	MIN	kW	E	6,18	7,82
❸ Heating capacity (50°C)	MAX	kW	E	15,84	19,57
	MED	kW	E	11,42	14,07
	MIN	kW	E	7,39	9,33
❹ Heating capacity (70°C) [EN1397]	MAX	kW		23,45	30,67
	MED	kW		17,02	20,84
	MIN	kW		10,34	13,6
RE electrical resistance	230-1-50 V, 400-3-50 V	kW		3	3
② Air flow speed	MAX	m³/h		1905	2480
	MED	m³/h		1290	1650
	MIN	m³/h		790	1025
② Sound power	MAX	dB(A)	E	58	64
	MED	dB(A)	E	49	55
	MIN	dB(A)	E	38	44
❻ Sp. sound pressure	MAX	dB(A)		49	55
	MED	dB(A)		40	46
	MIN	dB(A)		29	35
② Absorbed power	MAX	W	E	93	183
	MED	W	E	35	64
	MIN	W	E	13	21
Electrical supply		V-ph-Hz		230-1-50	230-1-50
DIMENSIONS AND WEIGHT				**130**	**150**
Box – Dimensions WxHxD		mm		869 x 304 x 869	869 x 304 x 869
PLP Ceiling panelling – Dimensions WxHxD		mm		1017 x 91 x 1017	1017 x 91 x 1017
Box – Weight		kg		42	42
PLP Ceiling panelling – Weight		kg		7,5	7,5

DIVA-XLI – DIVA-XLI SWING	4T			130	150
❶ Total cooling capacity [EN1397]	MAX	kW	E	11,61	13,59
	MED	kW	E	8,86	10,59
	MIN	kW	E	6,07	7,45
❻ Heating capacity of additional coil (65°C) [EN1397]	MAX	kW	E	10,55	12,17
	MED	kW	E	8,40	9,80
	MIN	kW	E	6,01	7,19
❹ Heating capacity of additional coil (70°C) [EN1397]	MAX	kW		12,04	13,89
	MED	kW		9,58	11,18
	MIN	kW		6,84	8,20
④ Air flow speed	MAX	m³/h		1905	2480
	MED	m³/h		1290	1650
	MIN	m³/h		790	1025
④ Sound power	MAX	dB(A)	E	58	64
	MED	dB(A)	E	49	55
	MIN	dB(A)	E	38	44
❻ Sp. sound pressure	MAX	dB(A)		49	55
	MED	dB(A)		40	46
	MIN	dB(A)		29	35
④ Absorbed power	MAX	W	E	93	183
	MED	W	E	35	64
	MIN	W	E	13	21
Electrical supply		V-ph-Hz		230-1-50	230-1-50
DIMENSIONS AND WEIGHT				**130**	**150**
Box – Dimensions WxHxD		mm		869 x 304 x 869	869 x 304 x 869
PLP Ceiling panelling – Dimensions WxHxD		mm		1017 x 91 x 1017	1017 x 91 x 1017
Box – Weight		kg		42	42
PLP Ceiling panelling – Weight		kg		7,5	7,5

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

Performance refers to the motor's input signal: 10V – 5V – 1V at MAX – MED – MIN speed.

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