

## Cassette fan coils with EC motor

# DIVA-XLI DIVA-XLI SWING



Cooling capacity: 12.6÷15.1 kW - Heating capacity:  
13.4÷16.4 kW

- √ **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**



Web code: DIX1 DIXS1

### 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.DIVA-XLI SWING
  - 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).
  - 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 - Single main coil  
4T - Double main coil and additional  
RE - Single main coil and supplementary electrical resistance.

#### ACCESSORIES

- DIVA-XLI
- PLP- ABS Ceiling panelling (RAL 9003), with regenerable filter (G0).
  - 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 (G0).
  - 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 DIVA\_XLI

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		130	150
❶ Total cooling capacity [EN1397]	kW	12,6	15,13
❷ Heating capacity (45°C) [EN1397]	kW	13,39	16,4
❸ Heating capacity (50°C)	kW	15,84	19,57
❹ Heating capacity (70°C) [EN1397]	kW	23,45	30,67
RE electrical resistance	kW	3	3
Air flow speed	m³/h	1905	2480
Sound power	dB(A)	58	64
❺ Sp. sound pressure	dB(A)	49	55
Absorbed power	W	93	183
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		130	150
❶ Total cooling capacity [EN1397]	kW	11,61	13,59
❷ Heating capacity of additional coil (65°C) [EN1397]	kW	10,55	12,17
❹ Heating capacity of additional coil (70°C) [EN1397]	kW	12,04	13,89
Air flow speed	m³/h	1905	2480
Sound power	dB(A)	58	64
❺ Sp. sound pressure	dB(A)	49	55
Absorbed power	W	93	183
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.
- Performance refers to the motor's input signal: 10V - 5V - 1V at MAX - MED - MIN speed.

RHOSS S.P.A. declines all responsibility for possible mistakes in this document and reserves the right to alter the features of their products without notice.

Rhoss S.p.A.  
Via Oltre Ferrovia, 32  
33033 Codroipo (UD) - Italy  
tel. +39 0432 911611 - rhoss@rhoss.it  
www.rhoss.it www.rhoss.com



RhossOfficial



RhossOfficialChannel



Rhoss