

EVSLC-MF Ductable fan heater with multizone management

(up to 5 zones)



Descrizione

EVSLC-MF is a recessed fan coil unit designed to work in combination with a heat pump, providing optimal heating and cooling for both residential and commercial spaces. The unit features an onboard electronic controller capable of managing different temperature setpoints for heating or cooling within the same season, for 2 to 5 zones depending on the selected model.

Features

The EVSLC-MF features compact dimensions, allowing for easy recessed installation either on the ceiling or wall. The unit is built with a self-supporting galvanized steel frame with internal thermal and acoustic insulation, a hydronic coil appropriately sized to ensure satisfactory heat exchange, and a low-pressure-loss, easily removable filter section.

Each unit is equipped with energy-efficient EC centrifugal fans with forward-curved blades for optimal quiet operation (one fan per zone, depending on the selected model). The motors operate at constant airflow, enabling automatic adaptation to the installed system.

Four different sizes are available, offering varying heating and cooling capacities to allow the best selection based on system requirements.

Elettronica di comando

Version IN2: equipped with an electronic board for 3-speed fan control. Wall-mounted touch remote panel installed in a 503 junction box. Temperature sensors are located on the unit to manage the hydronic coil valve.

For each unit, a display must be purchased for each zone to be controlled, depending on the selected model, in order to achieve different temperature setpoints. For very large spaces, a single display can be used to maintain the same temperature setpoint throughout the area.

Available displays for these units:

- EVCNV2-N: advanced remote control with integrated sensors, black.
- EVCNV2-B: advanced remote control with integrated sensors, white.
- EVCNW2-N: advanced remote control with integrated sensors and Wi-Fi, black.
- EVCNW2-B: advanced remote control with integrated sensors and Wi-Fi, white.

Technical Features

- (1) Coil water temperature 7/12 °C, ambient air temperature 27 °C dry bulb / 19 °C wet bulb (EU Regulation 2016/2281).
- (2) Coil water temperature 45/40 °C, ambient air temperature 20 °C (EU Regulation 2016/2281).
- (3) Data according to standards UNI EN 3741 and UNI EN 3744.

EVSLC-MF		60	80	100	120
Number of Controllable Zones		2	3	4	5
Nominal Airflow at Maximum Speed	m³/h	600	900	1200	1500
Airflow per Single Fan at Maximum Speed	m³/h	300			
Airflow per Single Fan at Medium Speed	m³/h	205			
Portata aria per singolo ventilatore alla min velocità	m³/h	60			
Available Pressure	Pa	100			
Rated Power Consumption of Fans	kW	0,14	0,21	0,28	0,35
Heating / Cooling Performance		60	80	100	120
Total Cooling Capacity ¹	kW	3,8	5,5	7,2	8,1
Sensible Cooling Capacity ¹	kW	2,7	3,9	5,1	6,1
Water Flow Rate	m³/h	0,60	0,95	1,2	1,4
Pressure Drop	kPa	29	21	19	11
Maximum Total Cooling Capacity per Zone	kW	2,1			
Maximum Sensible Cooling Capacity per Zone	kW	1,5			
Total Cooling Capacity ²	kW	3,9	5,7	7,42	9,0
Water Flow Rate	m³/h	0,81	0,98	1,3	1,57
Pressure Drop	kPa	29	22	21	12
Maximum Total Heating Capacity per Zone	kW	2,2			
Acoustic Data ³		60	80	100	120
Sound Power Lw Transmitted Through the Structure	dB(A)	60	61	62	64
Sound Power Lw Radiated into the Duct	dB(A)	65	69	69	71

Average Sound Pressure Level Lp at 1 m	dB(A)	46	48	49	51
Average Sound Pressure Level Lp at 3 m	dB(A)	38	40	41	43
Electrical data		60	80	100	120
Power Supply	V / ph / Hz	230 / 1 / 50			
Maximum Power Consumption	kW	0,19	0,28	0,37	0,46
Maximum Current Draw	A	0,7	1,4	2,1	2,8

Dimensions

- All dimensions are expressed in mm.
- Configurazione standard, attacchi batteria ad acqua a SINISTRA rispetto il flusso dell'aria.
- A richiesta attacchi batteria ad acqua a DESTRA rispetto il flusso dell'aria.

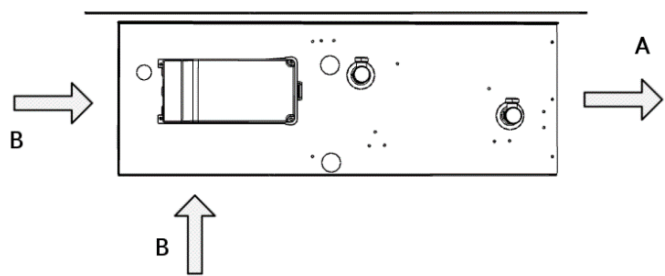
Models	A	B	C	D	E	F	H	Ø Mandata Aria DN	Return Air	Water Connections IN/OUT	Condensate Drain Ø mm	Number of Electrical Panels QE	Weight Kg
									b x h				
EVSLC-MF 60	790	750	240	695	770	632	90	2x160	630x150	3/4" F	16/20	2	43
EVSLC-MF 80	990	950	240	695	970	632	90	3x160	830x150	3/4" F	16/20	3	47
EVSLC-MF 100	1190	1150	240	695	1170	632	90	4x160	1030x150	3/4" F	16/20	4	56
EVSLC-MF 120	1480	1440	240	695	1460	632	90	5x160	1320x150	3/4" F	16/20	5	67



Models	Description
EVSLC-MF 60	Return Plenum with 2 Circular Inlets for Flexible Duct ø 160 mm
EVSLC-MF 80	Return Plenum with 3 Circular Inlets for Flexible Duct ø 160 mm
EVSLC-MF 100	Return Plenum with 4 Circular Inlets for Flexible Duct ø 160 mm
EVSLC-MF 120	Return Plenum with 5 Circular Inlets for Flexible Duct Ø 160 mm

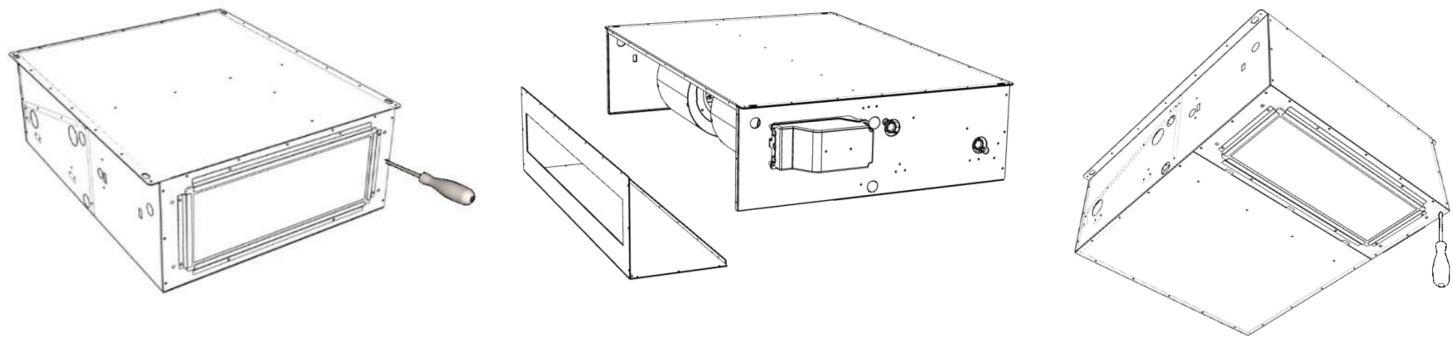
Horizontal Installation

A: supply air
B: return air



Return Air Configuration

In EVSLC-MF units it is possible to vary the air intake port from rear to side.



Accessories for Air Return



