

OSMO Wall Mounted

Ideal for any room, the sleek and slim OSMO Wall Mounted, with its paintable all-metal cabinet just under 5 inches deep (127 mm) seamlessly blends into any space.

Utilizing DC inverter technology for super quiet and efficient operations, OSMO Wall Mounted is compatible with low-temperature generators such as heat pumps, condensing boilers, and integrated systems with solar panels

With the ability to reach the selected temperature quickly and maintain it consistently in absolute silence, thanks to the continuous automatic modulation of the fan, OSMO Wall Mounted offers efficient and discreet heating.



Connection

- 2-pipe
- Can connect to low-temperature 4 pipe systems with optional 6-way valve.
- Available in 1/2 or 3/4 (12.7 or 19 mm) connections

Key Features

- Compact slim cabinet
- Easy to install
- Paintable all-metal cabinet
- Always-on back-lit LED dims after 15 seconds of inactivity
- Auto-restart
- Washable filters

Options

- LCDI power cord
- Custom factory colors

Operation

- Cool, heat, dehumidify, and auto
- Selectable fan speeds, low, med, high, and auto

Mounting

- Low wall

Airflow

- Supply air vents up
- Return air is on lower front

Controller Options

- Wireless remote
- Wi-Fi app for Android and iPhone
- Onboard touch controller
- Centralized control
- Wall Mounted Advanced touchscreen with a 7-day program
- Wall Mounted Basic touch controller
- Third party thermostat interface
- BACnet/Modbus interface

Key Specifications¹

Model		WM4	WM8	WM10	WM12	WM14
Cooling ²						
Total	MBh (kW)	3.1 (0.9)	7.2 (2.1)	9.6 (2.8)	11.3 (3.3)	12.7 (3.7)
Sensible	MBh (kW)	2.5 (0.7)	5.9 (1.7)	7.2 (2.1)	9.2 (2.7)	9.9 (2.9)
Water flow	Gal (L)	41.5 (157.1)	96.4 (264.9)	127.6 (483)	150.0 (567.8)	168.5 (637.8)
Pressure	Ft H ₂ O (kPa)	4.0 (12)	2.7 (8.1)	5.7 (17)	6.0 (17.9)	7.1 (21.2)
Heating ³						
Capacity	MBh (kW)	3.5 (1.0)	7.5 (2.2)	10.3 (3.0)	13.0 (3.8)	14.7 (4.3)
Water flow	Gal (L)	46.2 (174.9)	100.4 (380.1)	137.1 (519)	173.0 (654.9)	196.3 (743.1)
Pressure	Ft H ₂ O (kPa)	3.0 (9)	3.1 (9.3)	6.4 (19.1)	7.1 (21.2)	7.8 (23.3)

1. Heating and cooling performance based on zero ESP and a clean filter.

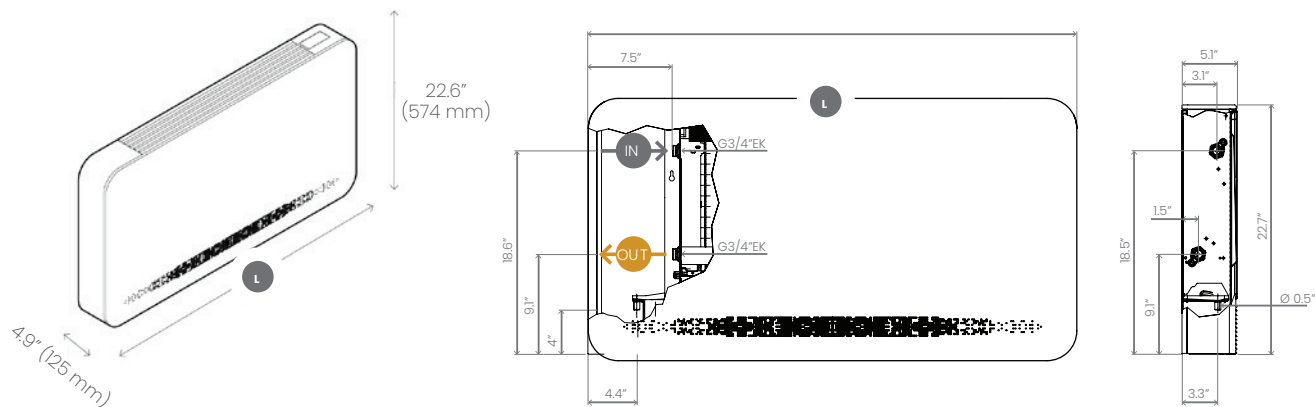
2. Cooling capacity based on 80/67°F (27/19°C) entering air temperature, 45°F (7°C) entering chilled water with a 10°F (5.6°C) ΔT.

3. Heating capacity based on 70°F (21°C) entering air temperature 113°F (45°C), entering hot water with a 10°F (5.6°C) ΔT.

Technical Specifications

Model		WM4	WM8	WM10	WM12	WM14
Hydraulic						
Coil Volume	Gal (L)	0.1 (0.4)	0.2 (0.8)	0.3 (1.1)	0.4 (1.5)	0.5 (1.9)
Max. operating	PSI	145	145	145	145	145
Hydraulic connections	in (mm)	Choice of 1/2 or 3/4 (12.7 or 19)				
Airflow						
High	CFM (m³/h)	86 (146)	173 (294)	258 (438)	334 (568)	390 (663)
Medium	CFM (m³/h)	53 (90)	124 (221)	187 (317)	241 (410)	282 (479)
Low	CFM (m³/h)	29 (49)	69 (117)	106 (181)	145 (246)	154 (262)
Static pressure	in. WC (Pa)	0.04 (10)	0.04 (10)	0.05 (12)	0.05 (12)	0.05 (12)
Electrical						
Power supply voltage	V/ph/Hz	230/1/60				
Max. draw	W	11	19	20	29	33
Max. current input	A	0.11	0.16	0.18	0.26	0.28
Minimum draw	W	5	4	6	5	5
Sound¹						
High	dB(A)	41	42	44	46	47
Medium	dB(A)	33	34	34	35	38
Low	dB(A)	24	25	26	26	28
Dimensions and Weights						
Length	in (mm)	28.9 (734)	36.8 (935)	44.7 (1,135)	52.6 (1,336)	60.4 (1,534)
Height	in (mm)	22.8 (579)	22.8 (579)	22.8 (579)	22.8 (579)	22.8 (579)
Depth	in (mm)	4.9 (125)	4.9 (125)	4.9 (125)	4.9 (125)	4.9 (125)
Net weight	lb (kg)	37.4 (16.9)	44.0 (19.9)	50.6 (22.9)	57.2 (25.9)	63.8 (28.9)

Dimensions



Model		WM4	WM8	WM10	WM12	WM14
Unit length	in (mm)	28.9 (734)	36.8 (935)	44.7 (1,135)	52.5 (1,336)	60.4 (1,534)

1. Sound pressure measured at a distance of 40 inches (1,016 mm) according to ISO7779.