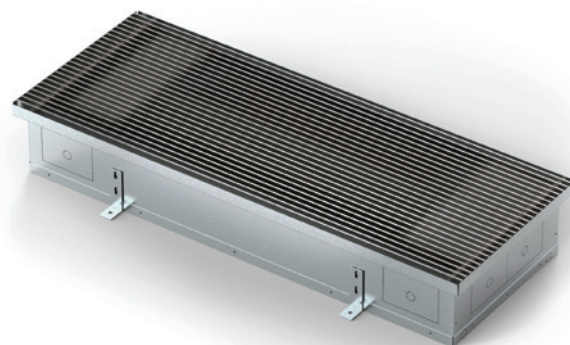


# OSMO Frameless Trench

The OSMO Frameless Trench fan coil is a robust solution for heating and cooling large windows and sliding doors, preventing cold infiltration.

It efficiently circulates air, with continuous filtration for protection. Its low flow allows precise temperature control, enhanced by a quiet ECM fan. Compatible with low-temperature sources, it's fully floor-mounted, discreet, durable, and reliable with stainless steel casings and copper-aluminum heat exchangers.



## 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

- Fully recessed into the floor
- Auto-restart
- Washable filters

## Options

- LCDI power cord

## Operation

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

## Mounting

- Recessed floor mount

## Airflow

- Supply air vertical
- Return air vertical

## Controller Options

- Wi-Fi app for Android and iPhone
- Centralized control
- Wall Mounted touch controller
- Third party thermostat interface
- BACnet/Modbus interface

## Key Specifications¹

| Model           |              | FT4        | FT6        | FT8         |
|-----------------|--------------|------------|------------|-------------|
| <b>Cooling¹</b> |              |            |            |             |
| Total           | MBh (kW)     | 4.1 (1.2)  | 5.5 (1.6)  | 7.2 (2.1)   |
| Sensible        | MBh (kW)     | 3.4 (1.0)  | 4.9 (1.4)  | 6.8 (2.0)   |
| Water flow      | Gal (L)      | 55 (208.2) | 74 (280.1) | 96 (363.4)  |
| Pressure        | Ft H2O (kPa) | 3.7 (11.1) | 1.7 (5.1)  | 1.8 (5.4)   |
| <b>Heating²</b> |              |            |            |             |
| Capacity        | MBh (kW)     | 5.2 (1.5)  | 6.9 (2.0)  | 8.9 (2.6)   |
| Water flow      | Gal (L)      | 69 (261.2) | 92 (348.3) | 119 (450.5) |
| Pressure        | Ft H2O (kPa) | 5.4 (16.1) | 2.4 (7.2)  | 2.7 (8.1)   |

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.

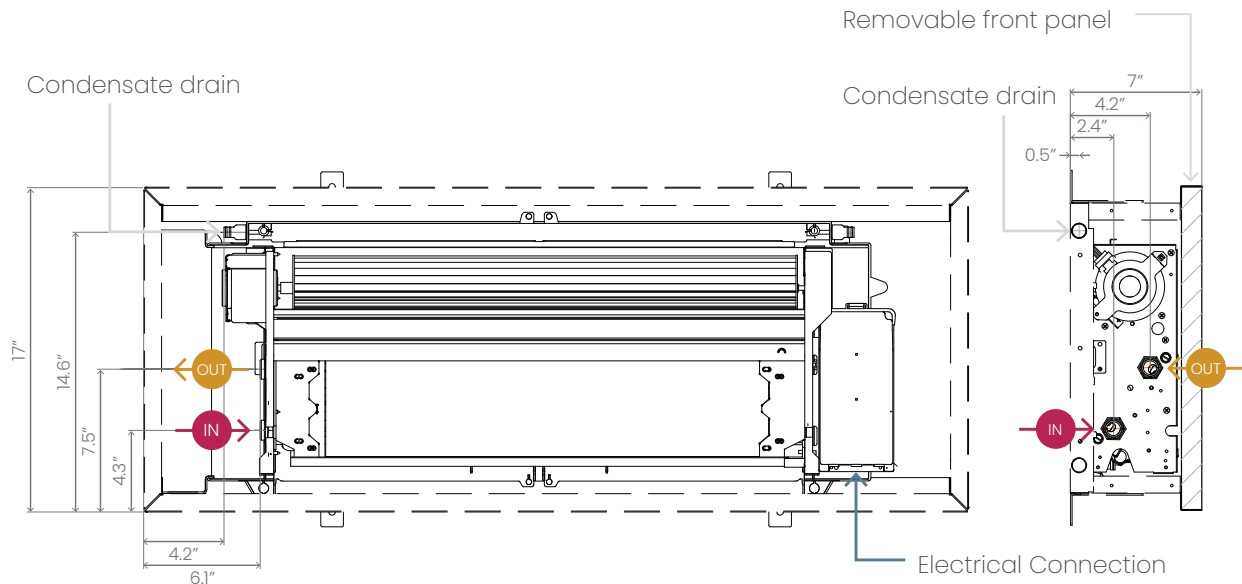
3. Heating capacity based on 70°F (21°C) entering air temperature 113°F (45°C), entering hot water with a 10°F (5.6°C) ΔT.

# Technical Specifications

| Model                  |             | FT4                               | FT6          | FT8          |
|------------------------|-------------|-----------------------------------|--------------|--------------|
| Hydraulic              |             |                                   |              |              |
| Coil Volume            | Gal (L)     | 0.13 (0.5)                        | 0.16 (0.6)   | 0.20 (0.8)   |
| Maximum Operating      | PSI         | 145                               | 145          | 145          |
| Hydraulic connections  | in (mm)     | Choice of 1/2 or 3/4 (12.7 or 19) |              |              |
| Airflow                |             |                                   |              |              |
| High                   | CFM (m³/h)  | 134 (228)                         | 195 (331)    | 259 (440)    |
| Medium                 | CFM (m³/h)  | 91 (155)                          | 135 (229)    | 167 (284)    |
| Low                    | CFM (m³/h)  | 49 (83)                           | 73 (124)     | 81 (137)     |
| Static pressure        | in. WC (Pa) | 0.04 (10)                         | 0.04 (10)    | 0.04 (10)    |
| Electrical             |             |                                   |              |              |
| In Voltage             | V/ph/Hz     | 230/1/60                          |              |              |
| Max                    | W           | 19                                | 20           | 29           |
| Max                    | A           | 0.16                              | 0.18         | 0.26         |
| Min                    | W           | 4                                 | 4            | 4            |
| Sound¹                 |             |                                   |              |              |
| High                   | dB(A)       | 40                                | 41           | 42           |
| Medium                 | dB(A)       | 33                                | 34           | 34           |
| Low                    | dB(A)       | 25                                | 25           | 26           |
| Dimensions and Weights |             |                                   |              |              |
| Length                 | in (mm)     | 35.2 (894)                        | 43.1 (1,095) | 51.0 (1,295) |
| Height                 | in (mm)     | 17.0 (432)                        | 17.0 (432)   | 17.0 (432)   |
| Depth                  | in (mm)     | 7.4 (188)                         | 7.4 (188)    | 7.4 (188)    |
| Net weight             | lb (kg)     | 30.8 (14.0)                       | 35.2 (15.9)  | 41.8 (18.9)  |

## Dimensions

### Hydraulic Connections



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