



Submittal Data Sheet

1.5-Ton HSP Concealed Ducted Unit
FXMQ18TBVJU

FEATURES

- Low profile chassis design measures 9-11/16" (245 mm) deep.
- Powerful static pressure capability, with up to 0.8 in.w.g. (150 Pa) external static pressure.
- Designed for installation flexibility, with a factory rear-return configuration and field convertible to bottom return.
- DC fan motor with Auto fan speed control optimizes fan energy use by intelligently controlling the fan speed in response to room temperature conditions.
- Ease of installation with auto adjusting airflow at commissioning based on the external static pressure.
- Configurable auxiliary heat control allows for high degree of control of heater on/off temperatures.
- Integral condensate pump with up to 25-5/16" (643 mm) of lift from the drain outlet.
- A maintenance-friendly drain pan inspection port makes it quick and easy to check the conditions of the drain pan.



BENEFITS

- Requires as little as 11-1/4" (285 mm) of clearance above the ceiling thanks to the low profile design.
- Auto fan speed control optimizes fan energy use by automatically adjusting the unit's fan speed as the room temperature approaches the set point.
- The drain pan inspection port simplifies maintenance by allowing for simple and easy inspection of the drain pan conditions.
- Designed for quiet operation, with sound levels as low as 32 dB(A).





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PERFORMANCE

| | | | |
|----------------------------------|-------------|-------------------------------|---|
| Indoor Unit Model No. | FXMQ18TBVJU | Indoor Unit Name: | 1.5-Ton HSP Concealed Ducted Unit |
| Type: | Ducted | Rated Cooling Conditions: | Indoor (°F DB/WB): 80 / 67 Ambient (°F DB/WB): 95 / 75 |
| Rated Cooling Capacity (Btu/hr): | 18,000 | Rated Heating Conditions: | Indoor (°F DB/WB): 70 / 60 Ambient (°F DB/WB): 47 / 43 |
| Sensible Capacity (Btu/hr): | 13,800 | Rated Piping Length(ft): | |
| Cooling Input Power (kW): | 0.262 | Rated Height Separation (ft): | |
| Rated Heating Capacity (Btu/hr): | 20,000 | | |

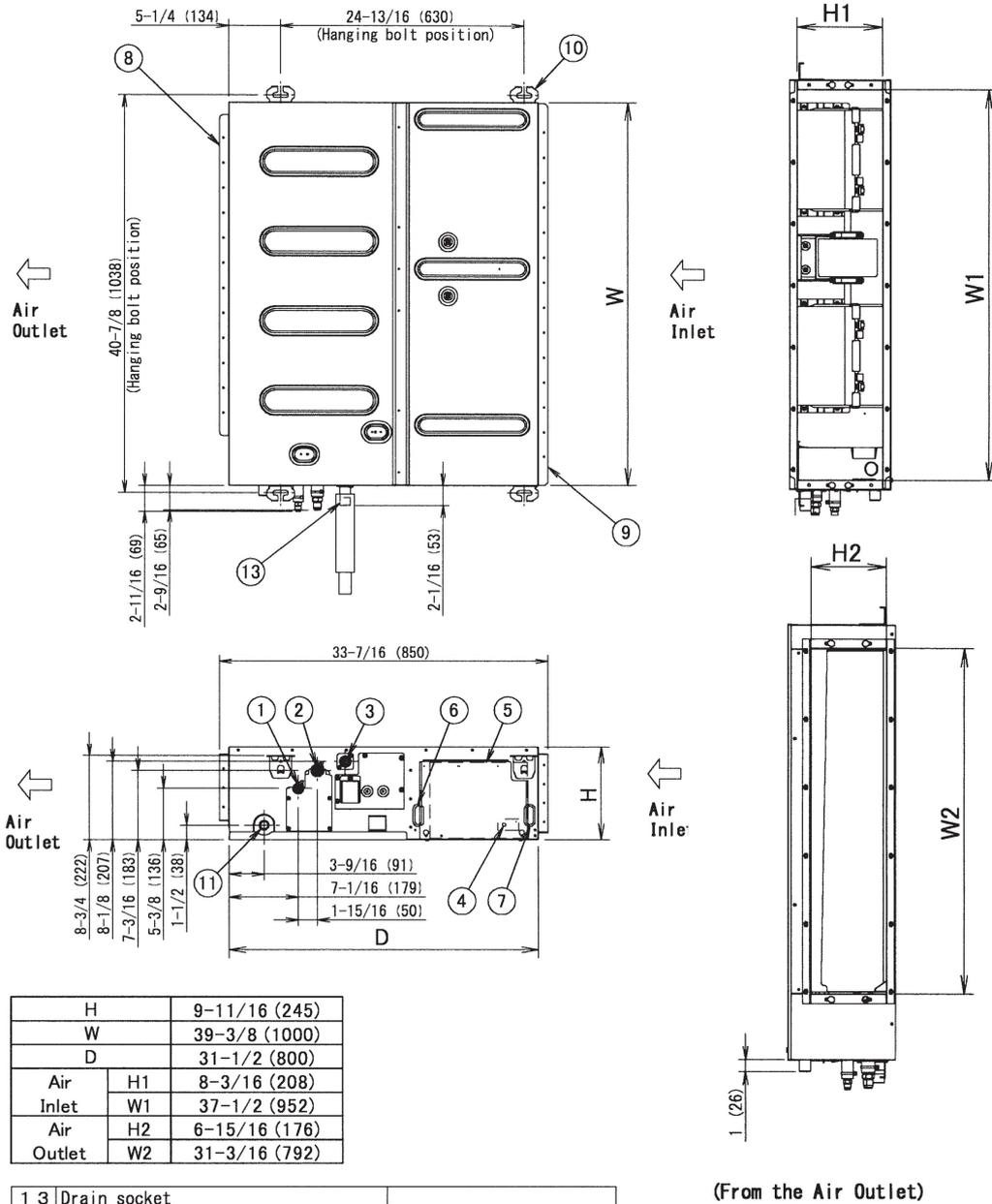
INDOOR UNIT DETAILS

| | | | |
|--|---------------------------|--------------------------------|----------|
| Power Supply (V/Hz/Ph): | 208/230 / 60 / 1 | Airflow Rate (H) (CFM): | 635 |
| Power Supply Connections: | L1, L2, G | Moisture Removal (Gal/hr): | |
| Min. Circuit Amps MCA (A): | 1.9 | Gas Pipe Connection (inch): | 1/2 |
| Max Overcurrent Protection (MOP) (A): | 15 | Liquid Pipe Connection (inch): | 1/4 |
| Dimensions (HxWxD) (in): | 9-11/16 x 39-3/8 x 31-1/2 | Condensate Connection (inch): | 1-1/4 |
| Net Weight (lb): | 77 | Sound Pressure (H/L) (dBA): | 38/35/32 |
| Ext. Static Pressure (Rated/Max) (inWg): | 0.4 / 0.8 | Sound Power Level (dBA): | 66 |

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DIMENSIONAL DRAWING



| ITEM | PART NAME | REMARK |
|------|--|---|
| 1 3 | Drain socket | |
| 1 2 | Drain hose (Accessory) | |
| 1 1 | Socket (for maintenance) | O. D. ϕ 1" (ϕ 26) |
| 1 0 | Hanger | For M10 or equivalent |
| 9 | Air Inlet flange | |
| 8 | Air Outlet flange | |
| 7 | Power supply wiring connection | |
| 6 | Transmission and remote controller wiring connection | |
| 5 | Control box (inside) | |
| 4 | Ground terminal (Control box) | M4 |
| 3 | Drain pipe connection | O. D. ϕ 1-1/4" (ϕ 32) |
| 2 | Gas pipe connection | ϕ 1/2" (ϕ 12.7) Flare connection |
| 1 | Liquid pipe connection | ϕ 1/4" (ϕ 6.4) Flare connection |

Note: For additional dimensional data and clearance information, refer to Engineering Data