

SUBMITTAL DATA: CM25

Job Name:	Location:	Date:
Puchaser:	Engineer:	
Submitted to:	For	<input type="checkbox"/> Reference <input type="checkbox"/> Approval <input type="checkbox"/> Construction
Unit Designation:	Schedule No.:	

- 25,000 Btu/h cooling capacity
- High sensible cooling – ideal for server rooms
- Environmentally-friendly design – 14 SEER, variable-speed compressor, R410A refrigerant & RoHS compliant
- Compact, self-contained unit is easy to install
- Wall mount controller offers advanced programmability and settings



Technical Specs		CM25*
Electronic Features	Operation Control	Wall Mounted Controller with LCD Display Electronic
Electrical Characteristics	Voltage Requirement Min. – Max. Voltage Recommended Fuse Size	208/230V, 1 Phase, 60 Hz 198–253V 20 amps
Cooling Capacity Evaporator: 80°F, 50%RH Condenser: 95°F, 50%RH	Total Cooling Capacity Sensible Cooling capacity Power Consumption Current Consumption	25,000 Btu/h ¹ 18,000 Btu/h ¹ 2.90 kW ¹ 12.6 amps ¹
Cooling Capacity Evaporator: 72°F, 50%RH Condenser: 95°F, 50%RH	Total Cooling Capacity Sensible Cooling capacity Power Consumption Current Consumption	25,000 Btu/h ¹ 18,900 Btu/h ¹ 3.20 kW ¹ 15 amps ¹
SEER		14 ¹
Evaporator	Fan Type Max. Air Flow - high/low Max. External Static Pressure	Centrifugal 950/800 CFM ¹ 0.6 IWG
Condenser	Fan Type Max. Ar Flow - high/low Max. External Static Pressure	Centrifugal 1,600/1,300 CFM ¹ 0.5 IWG
Compressor	Type Output	Hermetic Swing Inverter 1.38 kW @ 60 RPS
Refrigerant	R-410A	2.31 lbs
Dimensions (w/flange)	W x D x H	57 x 36 x 20 in
Net Weight/Shipping Weight		310/353 lbs
Power Cord	Gauge Length	N/A N/A
Condensate Pump		Auto Pump Included with a 4ft lift capacity
Operating Conditions	Min. – Max. (@ 50% RH)	60°–95°F (Evaporator) 50°–113°F (Condenser)
Max. Duct Length	Cold Duct Hose HotDuct Hose	120 ft ² 90 ft ²
Max. Sound Level	Under Ceiling Tile with Evaporator Duct	55 dB(A)

¹ Measured with two 20 ft ducts with one 90° bend each, supply grill and return grill with filter (0.30 IWG external static pressure)

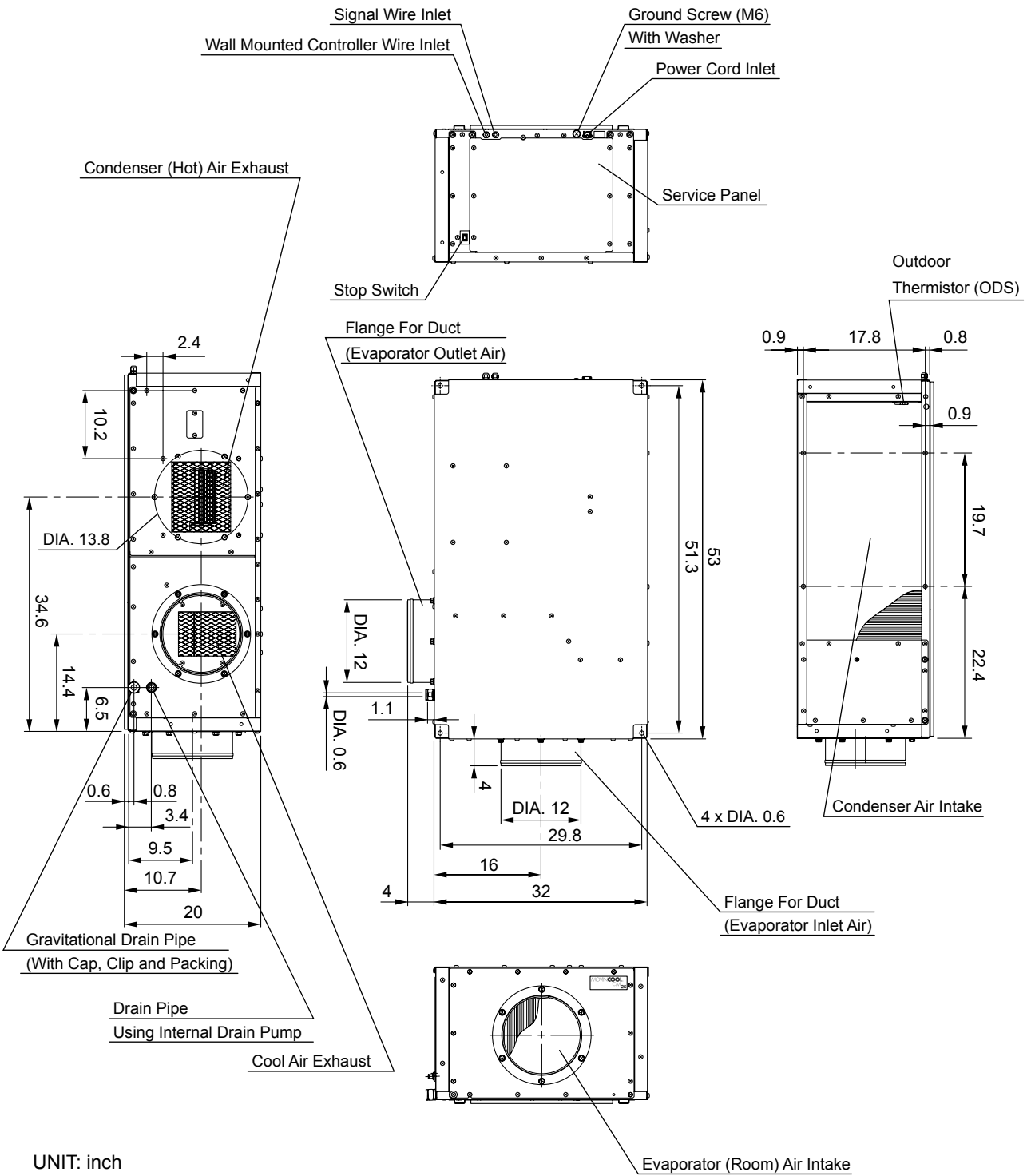
² Confirm pressure drop of duct, grills and filter with manufacturer’s specifications (ducts not included)

* Specification information shown with 230V.

All specifications subject to change without notice.

Dimensions

CM25



UNIT: inch

1003189