

SUBMITTAL DATA: CMW30

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

- 29,400 Btu/h total cooling capacity
- High sensible cooling – ideal for server rooms
- Environmentally friendly design – 17 IEER, 15.2/14.8 EER (208 V/230 V), R-410A refrigerant and RoHS compliant
- Low-cost installation using standard off-the-shelf hardware
- Maximum sound level of only 55 dB(A) – 5 decibels lower than a normal conversation
- Wide condenser EWT range – 45°F to 115°F



Technical Specs

CMW30

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 and Power Consumption Evaporator: 80°F, 50% RH Condenser: EWT/LWT: 85°F/ 95°F	Total Cooling Capacity Sensible Cooling Capacity Power Consumption Current Consumption	*29,400/29,400 Btu/h ¹ *20,400/20,800 Btu/h ¹ *1.93/1.99 kW ¹ *9.6/8.9 amps ¹
Cooling Capacity and Power Consumption Evaporator: 75°F, 50% RH Condenser: EWT/LWT: 85°F/ 95°F	Total Cooling Capacity Sensible Cooling Capacity Power Consumption Current Consumption	*25,200/25,200 Btu/h ¹ *21,400/22,000 Btu/h ¹ *1.95/2.00 kW ¹ *9.6/9.0 amps ¹
IEER		17
EER		*15.2/14.8
Evaporator	Type of Evaporator Fan Type Max. Air Flow - High Max. Air Flow - Low Max. External Static Pressure Motor Output - High Motor Output - Low	Plate Fin Centrifugal *1,000/1,060 CFM ¹ *770/840 CFM ¹ 0.66 IWG *180/240 W *84/104 W
Condenser	Type of Condenser Water Connections	Water Cooled Coaxial Coil 3/4 in NPT Female
Compressor	Type	Hermetic Swing Inverter
Refrigerant	Type	R-410A
Dimensions	W x D x H (without range) W x D x H (with range)	45 x 32 x 20 in 49 x 35 x 20 in
Net Weight/Shipping Weight		236/271 lbs
Condensate Pump Capacity	Pump Rate Head	5 gal/h 4 ft
Operating Conditions	Evaporator Condenser Water Pressure Recommended Water Flow Rate	55°F-95°F, 50% RH 45°F-115°F (Condenser Water) 6 psi-150 psi 7.1 gal/min
Maximum Duct Length	Cold Duct Hose Hot Duct Hose	120 ft ² N/A
Maximum Sound Level	Under Ceiling Tile with Evaporator Duct	55 dB(A) ³

* Values at 208/230 Volt

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) (ducts not included).

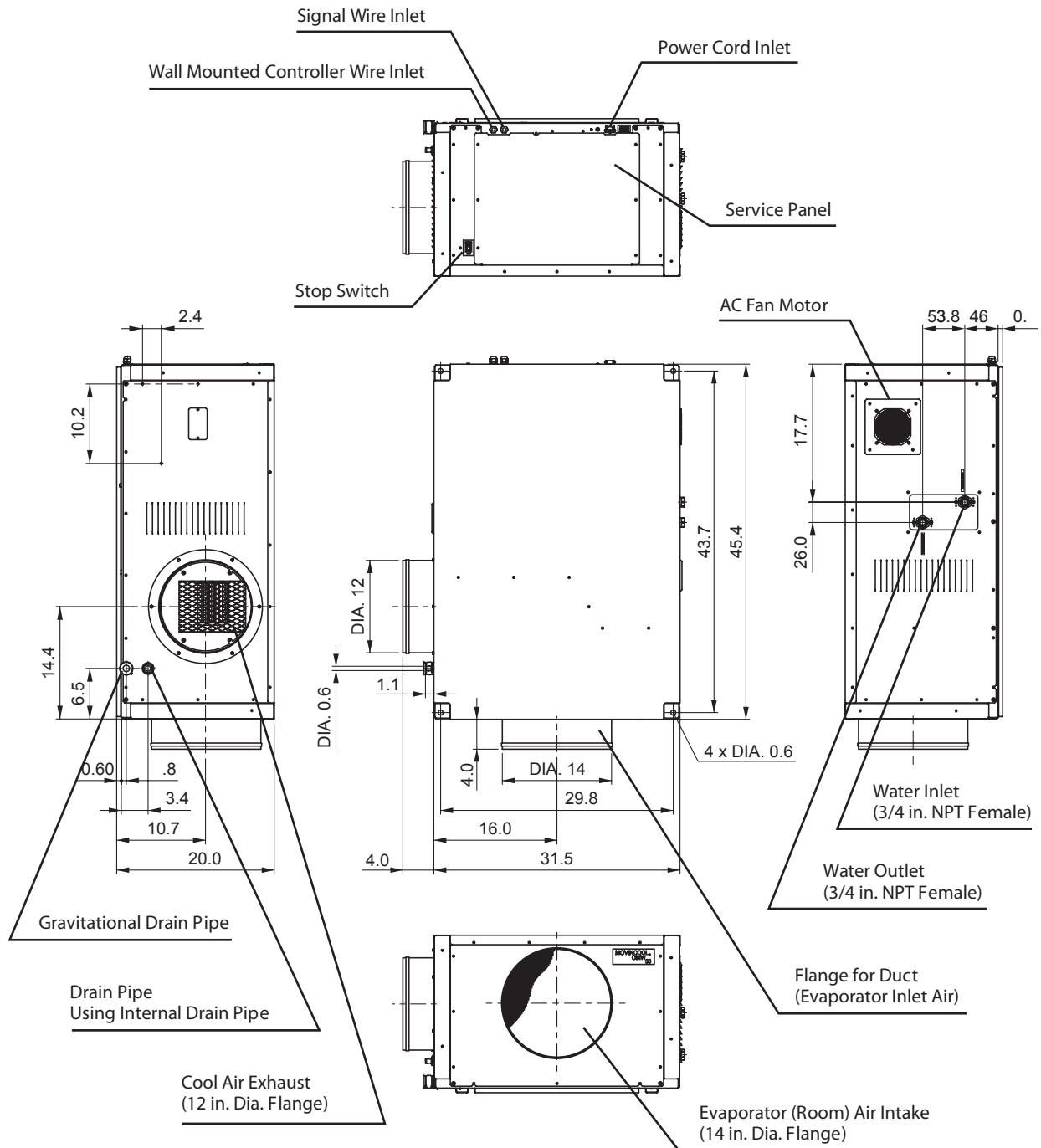
² Confirm pressure drop of duct, grills and filter with manufacturer specifications.

³ Measured at 3 ft (1.0 m) under the ceiling with evaporator duct and ceiling tile.

All specifications subject to change without notice.

Dimensions

CMW30



UNIT: inch

ILL00274-00