

Job: _____
Location: _____
Schedule No.: _____
System Designation: _____

Engineer: _____
Architect: _____
Location: _____
Date: _____

For: Reference Approval Review Construction

Water Source Outdoor Unit

FEATURES

- Heat Pump Models
- Flexible Installation Options
- Louver-less Installation
- Minimal Noise for Maximal Comfort
- Advanced Plate Heat Exchanger
- Renewable Energy Source

WARRANTY

- Compressor - 10-year limited warranty
 - All other components - 10-year limited warranty
- *See warranty for details

SPECIFICATIONS

PERFORMANCE

Cooling Capacity ¹ (Btu/h)	Nominal	72,000
	Rated ²	69,000
EER	Ducted	15.0
	Non-Ducted	14.3
IEER	Ducted	23.9
	Non-Ducted	22.7
Heating Capacity ¹ (Btu/h)		81,000
COP68	Ducted	5.31
	Non-Ducted	5.04
Operating Water Temperatures (°F)	Cooling	50-113
	Heating	50-113

ELECTRICAL DATA

Power Supply (Volts/Phase/Hertz)	460/3/60
Minimum Circuit Ampacity (A)	10
Maximum Overcurrent Protection (A)	15
Compressor Output (kW x n)	4.96 x 1

GENERAL DATA

Connection Ratio	50% to 130%
Maximum Number of Indoor Units	12
Refrigerant Type	R-410A
Factory Refrigerant Charge (each unit)	12.1 lbs.

NOTES

1. Specification may be subject to change without prior notice.
2. * Nominal capacities are based on (Equivalent refrigerant piping : 25ft(7.5m), Level differences : 0ft(0m)
 - a. Cooling : Indoor temperature : 80°F(26.7°C) DB, 67°F(19.4°C) WB / Inlet water temperature : 85°F(29.4°C) F(19°C) WB / Inlet water temperature : 86°F(30°C)
 - b. Heating : Indoor temperature : 70°F(21.1°C) DB, 60°F(15.6°C) WB / Inlet water temperature : 68°F(20°C) F(15°C) WB / Inlet water temperature : 68°F(20°C)
3. * Rated capacities are based on (Equivalent refrigerant piping : 25ft(7.5m), Level differences : 0ft(0m)
 - a. Cooling : Indoor temperature : 80.6°F(27°C) DB, 66.2°F(19°C) WB / Inlet water temperature : 86°F(30°C) F(19°C) WB / Inlet water temperature : 86°F(30°C)
 - b. Heating : Indoor temperature : 68°F(20°C) DB, 59°F(15°C) WB / Inlet water temperature : 68°F(20°C) F(15°C) WB / Inlet water temperature : 68°F(20°C)

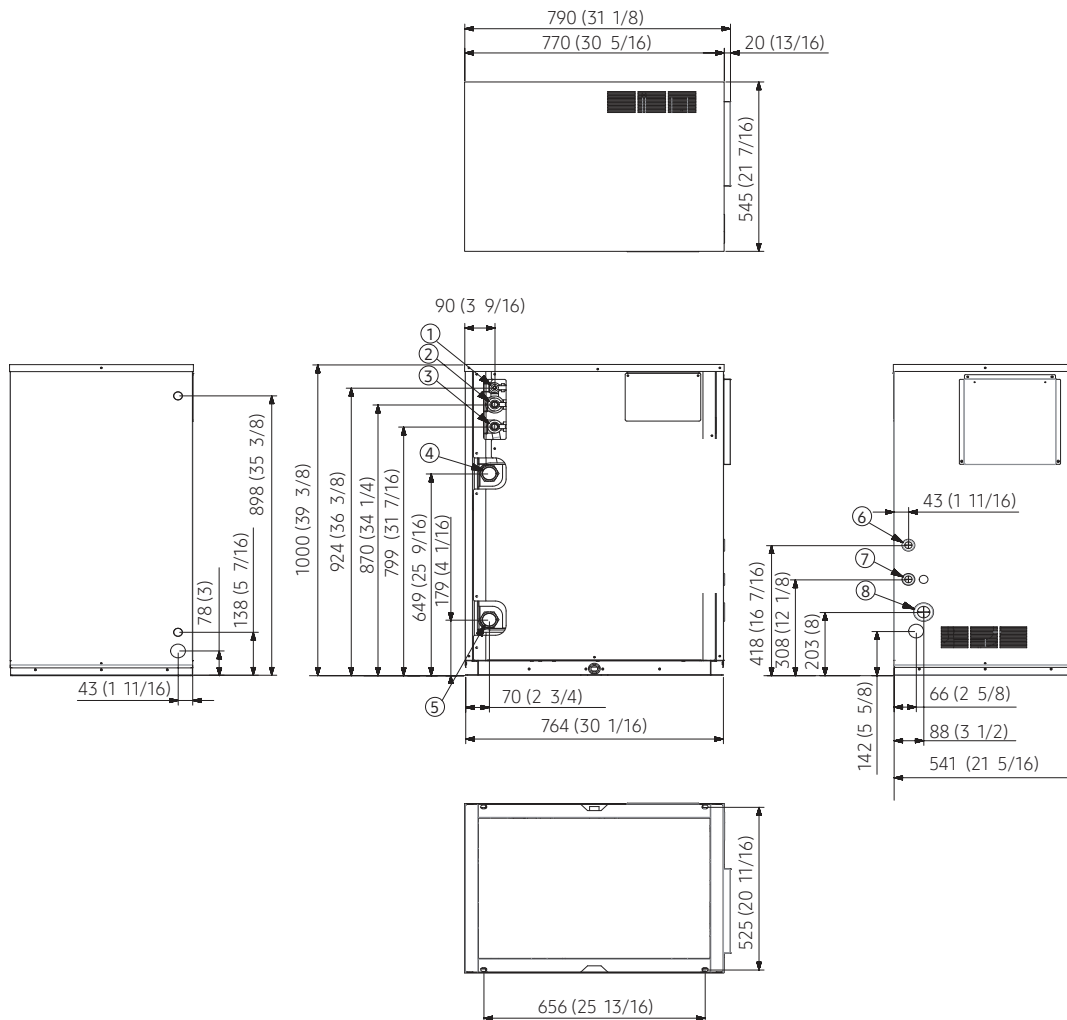


DIMENSIONS (Each Module)

Unit	Height	39.4
Dimensions (in)	Width	31.1
	Depth	21.5
Net Weight		368
Main System Piping (in)		
Liquid Pipe Connection		3/8
Gas Pipe Connection		3/4

DIMENSIONAL DRAWINGS - MM (Inches)

Unit : mm (inches)



No.	Name	Description			No.	Name	Description		
		6Ton	8Ton	10Ton			6Ton	8Ton	10Ton
①	Liquid ref. pipe	9.52 (3/8")	9.52 (3/8")	12.70 (1/2")	⑤	Water inlet pipe	NPT 1-1/4		
②	High pressure gas ref. pipe	15.88 (5/8")	19.05 (3/4")	19.05 (3/4")	⑥	Communication wiring	-		
③	Low pressure gas ref. pipe	19.05 (3/4")	22.22 (7/8")	28.58 (1 1/8")	⑦	External contact wiring	-		
④	Water outlet pipe	NPT 1-1/4			⑧	Power wiring	-		