

SUBMITTAL DATA - OUTDOOR UNIT

VRC192W4M-4Y VRF Water Source

Job:	Engineer:			
Location:	Architect:			
Schedule No.:	Location:			
System Designation:	Date:			
Motor Course Outdoor Unit	For: Reference	Annroval	Review	Construction

Water Source Outdoor Unit

FEATURES

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

SAMSUNG

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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	192,000
	Rated ²	184,000
EER	Ducted	11.6
	Non-Ducted	11.1
IEER	Ducted	19.9
	Non-Ducted	18.18
Heating Capacity ¹ (Btu/h)		216,000
COP	Ducted	4.23
	Non-Ducted	4.02
Operating Water Temperatures (°F)	Cooling	50-113
	Heating	50-113

ELECTRICAL DATA	
Power Supply (Volts/Phase/Hertz)	208-230/3/60
Minimum Circuit Ampacity (A)	39.6
Maximum Overcurrent Protection (A)	50
Compressor Output (kW x n)	4.96 x 2

GENERAL DATA			
Connection Ratio	50% to 130%		
Maximum Number of Indoor Units	33		
Refrigerant Type	R-410A		
Factory Refrigerant Charge (each unit)	21.6 lbs.		

DIMENSIONS (Each Module) Unit Height 39.4 Dimensions (in) Width 43.3 Depth 21.5 Net Weight 529 Main System Piping (in) Liquid Pipe Connection 5/8

Gas Pipe Connection

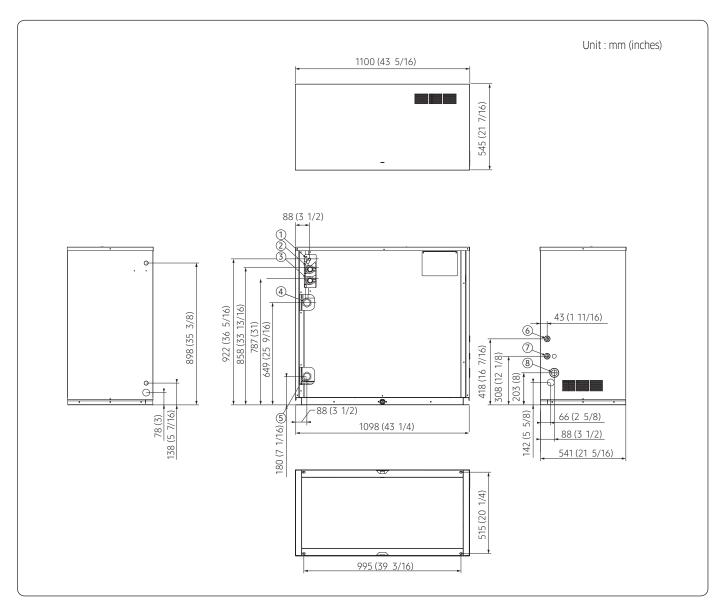
NOTES

- 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)
 - Heating: Indoor temperature: 70°F(21.1°C) DB, 60°
 F(15.6°C) WB / Inlet water temperature: 68°F(20°C)
- * Rated capacityes are based on (Equivalent refrigerant piping : 25ft(7.5m), Level differences : 0ft(0m)
 - Cooling : Indoor temperature : 80.6°F(27°C) DB, 66.2°
 F(19°C) WB / Inlet water temperature : 86°F(30°C)
 - Heating: Indoor temperature: 68°F(20°C) DB, 59° F(15°C) WB / Inlet water temperature: 68°F(20°C)

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DIMENSIONAL DRAWINGS - MM (Inches)



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