

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

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

For: Reference Approval Review Construction

VRF Hydro Unit

FEATURES

- Flexible Installation Options
- Louver-less Installation
- Refrigerant R-410A
- Available in two capacities 48 & 144K

WARRANTY

- 10-year limited warranty.*See warranty for details.

SPECIFICATIONS

PERFORMANCE

Heating Capacity (Btu/h)	54,500
Power Input W (Heating)	3100
Operating Temp. Range Heating (°F)	-4-109.4
Operating Water Temp. Range (°F)	77~176
Refrigerant Type	R-410A
Sound Pressure (dBA)	42
Power Supply (Volts/ Phase/Hertz)	208-230V-1Ph-60Hz
Power Source Wire (No Heater)	6 AWG
Transmission Cable	18 AWG
Water Flow Rate (GPM)	6.1
Flow Switch (GPM)	3.2
Pipe Size	NPT1
Type	PHE

DIMENSIONS

Unit Dimensions (in)	Height	47.6
	Width	20.4
	Depth	13
Liquid Pipe Connection (in)		3/8
Gas Pipe Connection (in)		5/8
Drain Connection (in)		3/4
Unit Shipping Weight (lb)		250.2
Unit Net Weight (lb)		233.7

NOTES

- Specifications may be subject to change without prior notice for product improvement.
- Nominal cooling capacities are based on;
 - Water temperature : 73.4°F(23°C) inlet, 64.4°F(18°C) outlet
 - Indoor temperature : 80.6°F(27°C) DB, 66.2°F(19°C) WB
 - Outdoor temperature : 95°F(35°C) DB, 75.2°F(24°C) WB
- Nominal heating capacities are based on; Water temperature : 86°F(30°C) inlet, 95°F(35°C)outlet Indoor temperature : 68°F(20°C) DB Outdoor temperature :44.6°F(7°C) DB, 42.8°F(6°C) WB 3)
- Sound pressure was acquired in an anechoic room. Thus actual noise level may be different depending on the installation conditions.
- The VRF system contains R410A (GWP=2,088) which is fluorinated greenhouse gas.
- Heat Exchanger type : Plate Heat Exchanger (STS)



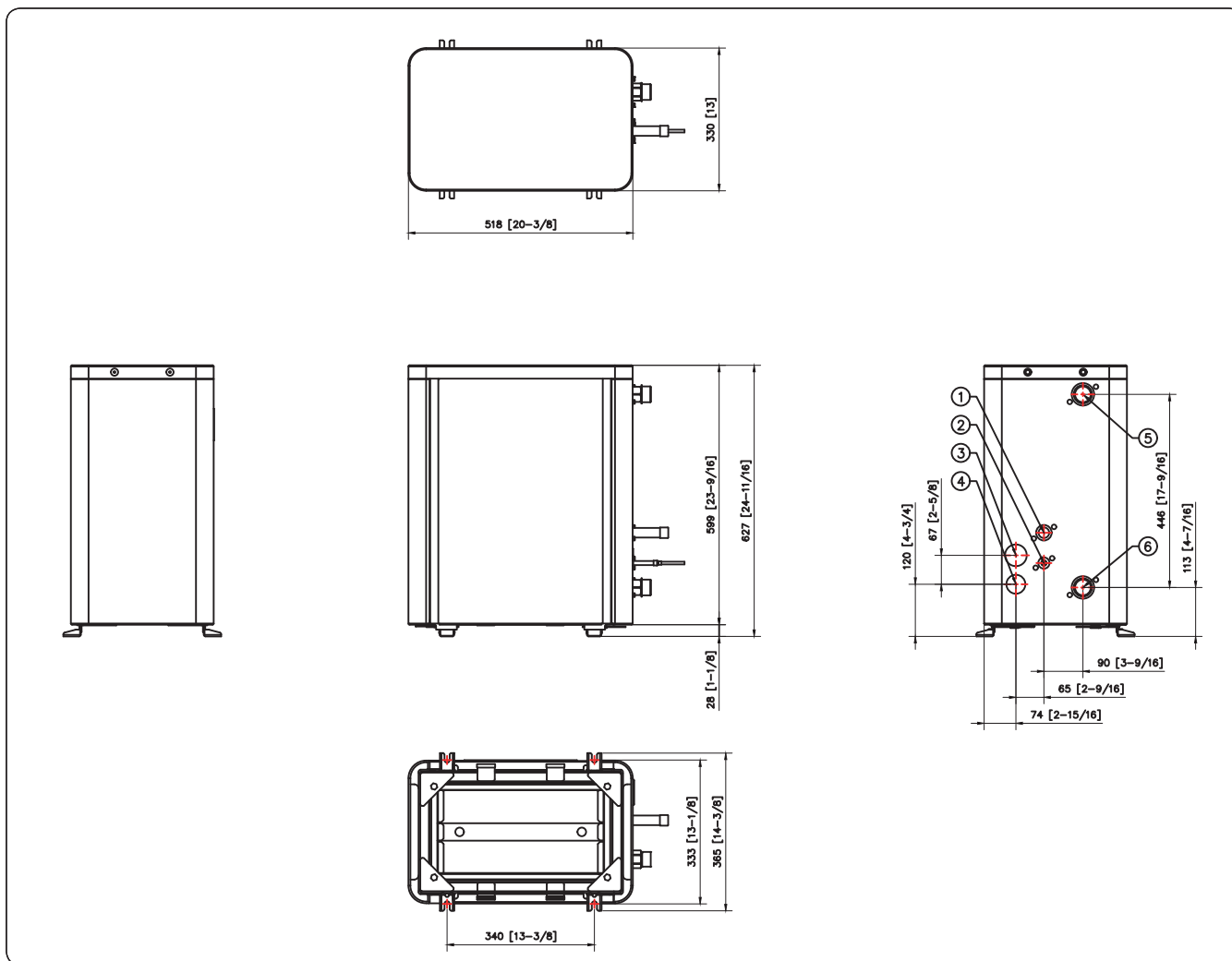
OPTIONAL ACCESSORIES

VSTAT05P-1 Hydro Unit Wired Controller	37Y75
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NOTE – Due to Lennox' ongoing commitment to quality, Specifications, Ratings and Dimensions subject to change without notice and without incurring liability. Improper installation, adjustment, alteration, service or maintenance can cause property damage or personal injury. Installation and service must be performed by a qualified installer and servicing agency.

DIMENSIONAL DRAWINGS - MM (Inches)



No.	Name	Description			
		VHEC036S4-4P	VHEC048S4-4P	VHEC096S4-4P	VHEC144S4-4P
1	Gas Pipe Connection		Φ15.88[5/8]	Φ22.22[7/8]	Φ28.58[1 1/8]
2	Liquid Pipe Connection		Φ9.52[3/8]	Φ9.52[3/8]	Φ12.70[1/2]
3	Communication Wiring Conduits		-	-	-
4	Power supply conduit		-	-	-
5	Water outlet pipe		-	-	-
6	Water inlet pipe		-	-	-