




LENNOX  
VHEC144S4-4P  
VRF Hydro Unit



# LENNOX VHEC144S4-4P VRF Hydro Unit Owner's Manual

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**LENNOX VHEC144S4-4P VRF Hydro Unit**



## **SUBMITTAL DATA – IN DOOR UNIT**

VHEC096S4-4P VRF Hydro Unit

- 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 four capacities 36 – 144K

### **WARRANTY**

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

## SPECIFICATIONS

PERFORMANCE	
Heating Capacity (Btu/h)	108,000
Power Input W (Heating)	10
Operating Temp. Range Heating (°F)	-4-95
Operating Water Temp. Range (°F)	68~122
Refrigerant Type	R-410A
Sound Pressure (dBA)	28
Power Supply (Volts/ Phase/Hertz)	208-230V-1Ph-60Hz
Power Source Wire (No Heater)	10 AWG
Transmission Cable	18 AWG
Water Flow Rate (GPM)	24.3
Flow Switch (GPM)	7.9
Pipe Size	NPT1
Type	PHE
DIMENSIONS	
Unit Dimensions (in)    Height  Width Depth	24.7
	20.4
	13
Liquid Pipe Connection (in)	3/8
Gas Pipe Connection (in)	5/8
Drain Connection (in)	3/4
Unit Shipping Weight (lb)	80
Unit Net Weight (lb)	75.4

## OPTIONAL ACCESSORIES

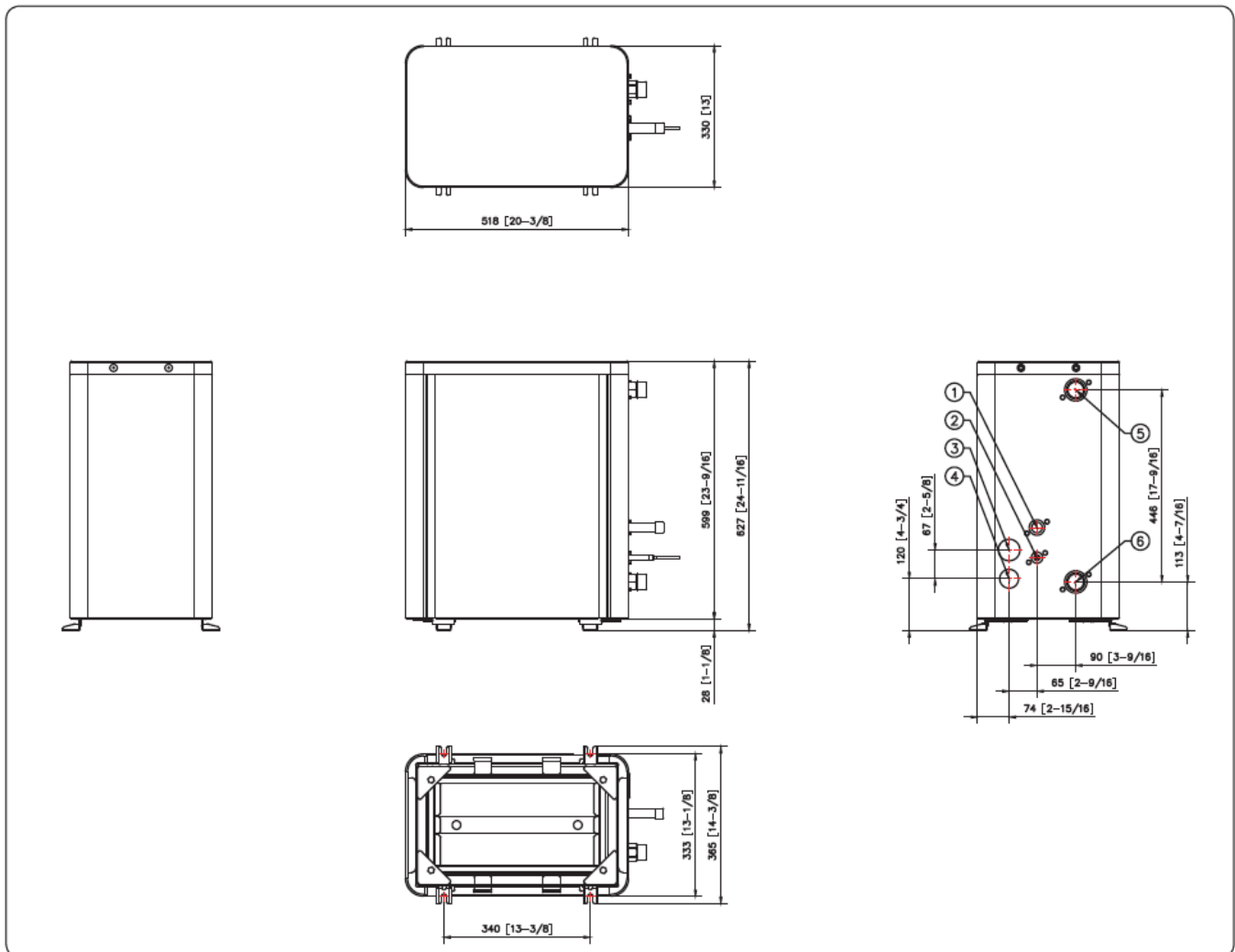
VSTAT05P-1 Hydro Unit Wired Controller 37Y75

## NOTES

1. Specifications may be subject to change without prior notice for product improvement.
2. 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

3. 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)
4. Sound pressure was acquired in an anechoic room. Thus actual noise level may be different depending on the installation conditions.
5. The VRF system contains R410A (GWP=2,088) which is fluorinated greenhouse gas.
6. Heat Exchanger type : Plate Heat Exchanger (STS)

## 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	—	—	—

## 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. 496294 (202412)

## Frequently Asked Questions (FAQ)

- Q: Can I use this unit for cooling purposes?**

A: The VHEC096S4-4P VRF Hydro Unit is designed specifically for heating purposes and is not suitable for cooling.


- Q: What type of refrigerant does this unit use?**

A: This unit operates using R-410A refrigerant.

- Q: What should I do if I encounter an error code on the unit display?**

A: Refer to the user manual for error code explanations and troubleshooting steps. If the issue persists, contact a qualified service technician for assistance.

## Documents / Resources

	<p><a href="#">LENNOX VHEC144S4-4P VRF Hydro Unit</a> [pdf] Owner's Manual VHEC036S4-4P, VHEC048S4-4P, VHEC096S4-4P, VHEC144S4-4P, VHEC144S4-4P VRF Hydro Unit, VRF Hydro Unit, Hydro Unit, Unit</p>
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## References

- [User Manual](#)

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