Submittal Data

V33D030S6-5P VRF 4-Way Cassette (3 x 3)

Job Name: _____

Location: _____

Purchaser: _____

Engineer: _____

Submitted to: _____

Reference _____ Approval _____ Construction _____

Unit designation: _____

Schedule #: _____

General Information

- Compatible with R-32 VRF air, water, and mini-VRF systems.
- The indoor unit shall feature Calm air mode. When activated in cooling mode, the unit will close its louver and will disperse air into the space through thousands of micro-holes on the front of the indoor unit, preventing cold air drafts on occupants.
- The indoor unit shall have an integral condensate pump with maximum 30-3/8" lift from bottom of the unit (21-5/8" from drain outlet) with check valve and float switch to disable unit in the event of condensate overflow.
- The indoor unit fascia panel shall have a built-in Wi-Fi adapter as standard to allow control and monitoring using the Samsung SmartThings app.
- Knock out for outside air capability.

Construction

- Insulated, HIPS chassis and fascia panel certified to UL94 V0.
- High-voltage terminal block temperature sensor to disable unit in the event of power connection overheating.

Refrigerant System

- The heat exchanger shall be mechanically boded aluminum fin to copper tube.
- The indoor unit shall include an R32 alarm output plug for simple notification or interlock of third-party equipment upon R32 leak detection (VSTAT10P-1 accessory required).

Indoor Fan

- Indoor fan is a single turbo type.
- Three fan speed settings and auto settings.
- Electro-static, washable filter as standard (included with fascia panel).
- Fascia panel shall have LED indicator lights, infrared receiver, and (4) motorized louvers with independent control (32°-65° louver control range).

Controls

- Control wiring shall be 2 X 16 AWG.
- The unit shall be operated via a wired remote controller model VSTAT04P-1, purchased separately.
- Dual set temperature support when connected to supported controllers.
- Wired or wireless controllers must be purchased separately.

External Heat Control

- External heat control functionality allows for configuration of fan operation during auxiliary heat operation, defrost, and emergency heat (VSTAT10P-1 accessory required).
- External heat control configuration settings include outside ambient external heat lockout, outside ambient compressor lockout, and time delay options (VSTAT10P-1 accessory required).
- Emergency heat functionality allows the system to continue controlling the external heat source even when system errors prevent the heat pump from operating (VSTAT10P-1 accessory required).
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Convenience

- Emergency Temperature Output (ETO) function: when indoor unit is in error status or when room temperature exceeds a configurable temperature level, the system outputs a signal to an external source (e.g., backup system, building management system, alert device like status light, warning lamp, or buzzer).
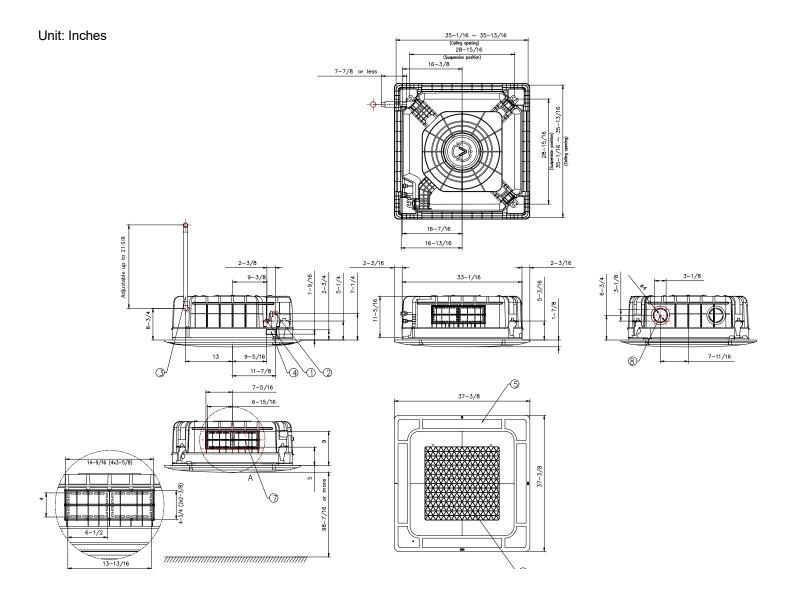
Lennox maintains a policy of ongoing development. Specifications are subject to change without notice.

Specifications   V33D030S6-5P

Model	Indoor Unit Model Number		V33D030S6-5P
Performance	Nominal Capacity	Cooling (Btu/h)	30,000
		Heating (Btu/h)	34,000
Power	Voltage	ø / V / Hz	1 / 208-230 / 60
	Operating Current (max.)	Cooling (A)	0.90
		Heating (A)	0.90
	MCA	A	1.39
	MOP	A	15
Evaporator Fan	Type		BLDC (1) With Turbo Type Fan (1)
	Output	Watts	97
Airflow	Air Volume (L/M/H)	Cooling (CFM)	901 / 1,130 / 1,342
		Heating (CFM)	901 / 1,130 / 1,342
Refrigerant	Type		R-32
	A2L Leak Detection		Integral
Pipe Connections	Refrigerant	High side (In.)	3/8
		Low side (In.)	5/8
	Condensate		1 1/4 in. OD, 1 in. ID
Dimensions	W X H X D	In.	33 1/16 X 11 5/16 X 33 1/16
	Weight	lbs.	49.20
Sound Pressure Level	Low/Med./High	dB(A)	35 / 39 / 43.5
Safety	Certifications		UL 60335-2-40
Fascia Panel	L X W X H	In.	37 3/8 X 37 3/8 X 7/8
	Weight	lbs.	13.9
Safety	Certifications		UL 60335-2-40

Accessories   V33D030S6-5P

Fascia Panel	White	V1V33D01CPWW
	Black	V1V33D01CPBW
Wired controller	Advanced	VSTAT04P-1
	Touchscreen	VSTAT02P-1
Thermostat adapter (for connection to standard 24VAC thermostats)		VSTAT09P-1
Wireless controller		VSTAT01P-1
External temperature sensor		VCTRL11P-1
External contact control interface module		VSTAT10P-1
Motion Detect Sensor (MDS)		V1MDS01CS
CN83 Pigtail (for 12VDC VENT output)		JV DB39-01263A CN83 Pigtail

Dimensional Drawing

V33D030S6-5P

Unit: Inches

No.	Description
1	Liquid pipe connection (3/8)
2	Gas pipe connection (5/8)
3	Drain hose connection
4	Opening for power and communication wire conduit
5	Fresh air intake (Ø 4")