

Submittal Data

VLOD012S6-5P VRF Low Static Ducted

Job Name: _____
Purchaser: _____
Submitted to: _____
Unit designation: _____

Location: _____
Engineer: _____
Reference _____ Approval _____ Construction _____
Schedule #: _____

General Information

- Compatible with R-32 VRF air, water, and mini-VRF systems.
- The indoor unit shall have an integral condensate pump with maximum 29" lift from bottom of the unit with check valve and float switch that disables indoor in the event of condensate overflow.
- The indoor unit shall have a built-in Wi-Fi adapter as standard to allow control and monitoring using the Samsung SmartThings app.

Construction

- Insulated, galvanized steel.

Refrigerant System

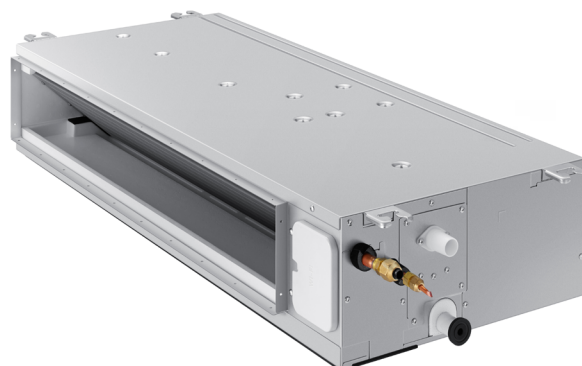
- The heat exchanger shall be mechanically boded aluminum fin to copper tube.
- Refrigerant flow shall be controlled by electronic expansion valve at the indoor unit.
- The indoor unit shall include an R32 alarm output plug for simple notification or interlock of third-party equipment upon R32 leak detection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

Indoor Fan

- Three fan speeds and auto setting

Controls

- Control wiring shall be 2 X 16 AWG wire.
- 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).
- External heat control functionality allows for configuration of fan operation during auxiliary heat operation, defrost, and emergency heat.
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Convenience

- Emergency Temperature Output (ETO) function: when indoor unit is in error status or when room temperature exceeds configurable temperature level, the system outputs a signal to an external source, e.g., backup system, building management system, alert device (ex: status light, warning lamp, buzzer).

Specifications VLOD012S6-5P

Model	Indoor Unit Model Number		VLOD012S6-5P
Performance	Nominal Capacity	Cooling (Btu/h)	12,000
		Heating (Btu/h)	13,500
Power	Voltage	ø / V / Hz	1 / 208-230 / 60
	Operating Current (max.)	Cooling (A)	0.42
		Heating (A)	0.42
	MCA	A	0.73
	MOP	A	15
Evaporator Fan	Type		BLDC (1) With Sirocco Fan (2)
	Consumption	Watts	84
	External Static Pressure	Standard ("WC)	0.04
		Min. / Max. ("WC)	0 / 0.16
Airflow	Air Volume (L/M/H/Turbo)	Cooling (CFM)	388 / 459 / 512
		Heating (CFM)	388 / 459 / 512
Refrigerant	Type		R-32
	A2L Leak Detection		Integral
Pipe Connections	Refrigerant	High side	1/4
		Low side	1/2
	Condensate		1 1/4 in. OD, 1 in. ID
Dimensions	W X H X D	In.	43 5/16 X 7 13/16 X 17 5/16
	Weight	lbs.	49.60
	Duct Connections (W X H)	Supply (in.)	37 1/16 X 5 7/8
		Return (ID, in.)	38 1/2 X 6 5/8 (inside)
Sound Pressure Level	Low / Med. / High	dB(A)	24 / 27 / 29
Safety	Certifications		UL 60335-2-40

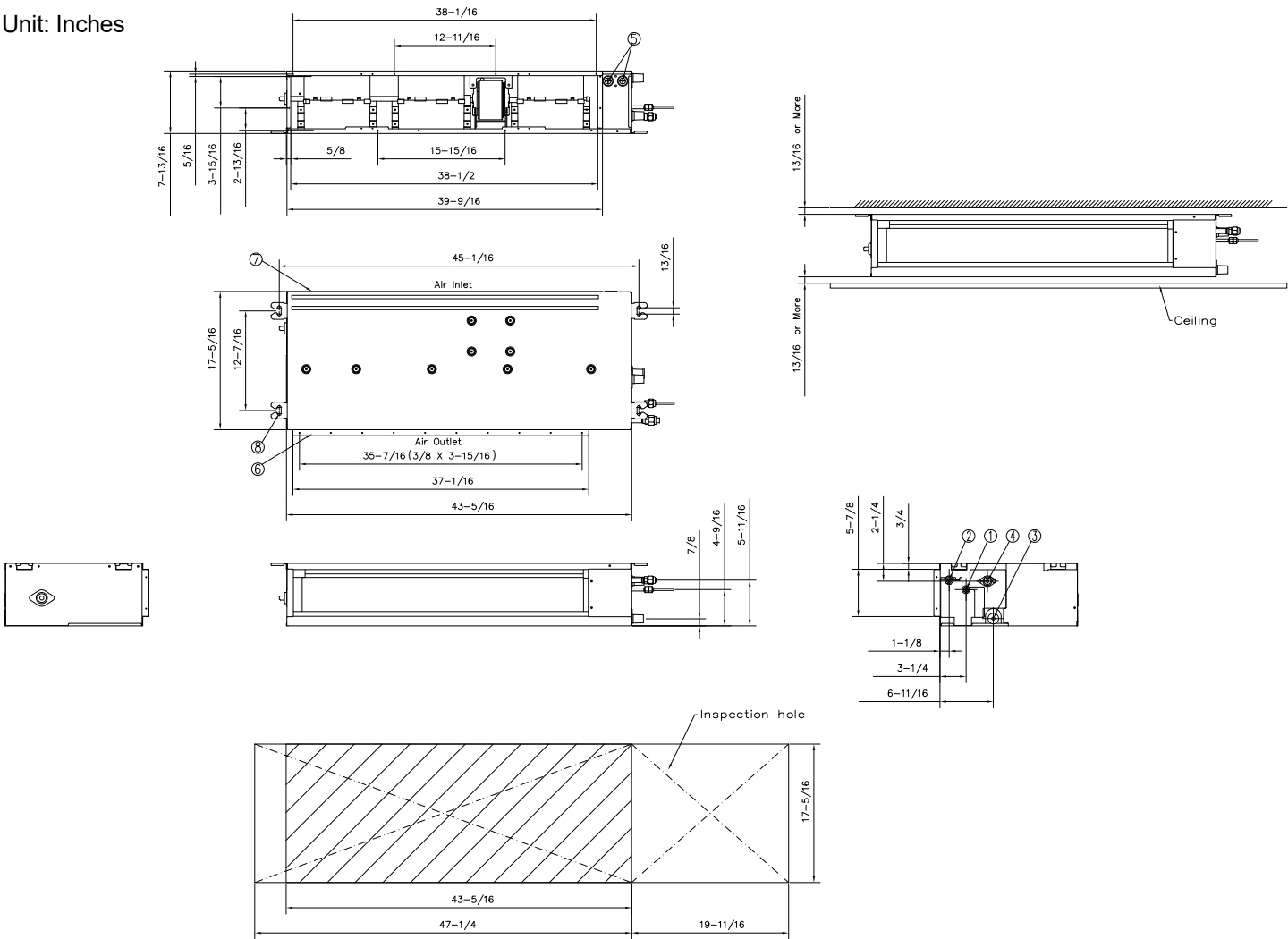
Accessories VLOD012S6-5P

Filter box		V1FBX06-4P
Wired controller	Advanced	VSTAT04P-1
	Touchscreen	VSTAT02P-1
Thermostat adapter (for connection to standard 24VAC thermostats)		VSTAT09P-1
Wireless signal control	Wireless signal receiver	VCTRL10P-1
	Wireless controller	VSTAT01P-1
External temperature sensor		VCTRL11P-1
External contact control interface module		VSTAT10P-1
CN83 Pigtail (for 12VDC VENT output)		JV DB39-01263A CN83 Pigtail

Dimensional Drawing

VLOD012S6-5P

Unit: Inches



No.	Description
1	Liquid pipe connection (1/4)
2	Gas pipe connection (1/2)
3	Gravity drain connection
4	Drain connection
5	Opening for power and communication wire conduit
6	Supply air outlet flange
7	Return air (air inlet)
8	Suspension bolt anchor point