

Submittal Data VUCD036S6-5P VRF Ceiling Mount

Job Name:	Location:			
Purchaser:	Engineer:			
Submitted to:	Reference	Approval	Construction	
Init designation:	Schedule #			

General Information

- Compatible with R-32 VRF air, water, and mini systems.
- The indoor unit shall feature integral Wi-Fi adapter as standard to allow control and monitoring using the Samsung SmartThings app.

Construction

· HIPS chassis certified to UL94 V0 with a galvanized steel base.

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 shall be sirocco type.
- Fan shall support three fan speeds and Auto setting.
- Washable filter included as standard.

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).
- 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 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).





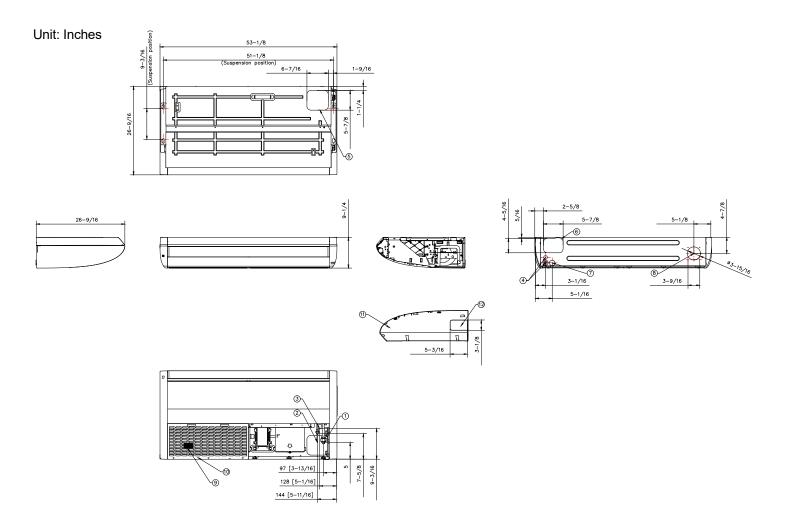
Specifications VUCD036S6-5P

Model	Indoor Unit Model Number		VUCD036S6-5P	
Performance	Nominal Capacity	Cooling (Btu/h)	36,000	
		Heating (Btu/h)	40,000	
Power	Voltage	ø / V / Hz	1 / 208-230 / 60	
	Operating Current (max.)	Cooling (A)	0.94	
		Heating (A)	0.83	
	MCA	A	3.0	
	MOP	A	15	
Evaporator Fan	Туре		BLDC (1) With Sirocco Fan (3)	
	Output	Watts	153	
Airflow	Air Volume (L/M/H)	Cooling (CFM)	653 / 844 / 1,035	
		Heating (CFM)	653 / 844 / 1,035	
Refrigerant	Туре		R-32	
	A2L Leak Detection		Integral	
Pipe Connections	Refrigerant	High side (In.)	3/8	
		Low side (In.)	5/8	
	Condensate		OD 1 1/4", ID 1"	
Dimensions	WXHXD	ln.	53 1/8 X 9 1/4 X 26 9/16	
	Weight	lbs.	75.00	
Sound Pressure Level	Low/Med./High	dB(A)	37 / 41 / 45	
Safety	Certifications		UL 60335-2-40	

Accessories vucdo36S6-5P

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	
CN83 Pigtail (for 12VDC VENT output)		JV DB39-01263A CN83 Pigtail	

Dimensional Drawing VUCD036S6-5P



No.	Description
1	Liquid pipe connection (3/8)
2	Gas pipe connection (5/8)
3	Condensate drain
4	Conduit hole
5	Knockout hole for upper piping
6	Knockout hole for rear piping
7	Knockout hole for drain pipe
8	Knockout hole for fresh air intake
9	Air filter
10	Air suction grille
11	Cover side
12	Knockout hole for side piping