

Job Name: \_\_\_\_\_  
 Purchaser: \_\_\_\_\_  
 Submitted to: \_\_\_\_\_  
 Unit designation: \_\_\_\_\_

Location: \_\_\_\_\_  
 Engineer: \_\_\_\_\_  
 Reference: Approval Construction  
 Schedule #: \_\_\_\_\_



**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.
- Emergency heat functionality allows the system to continue controlling the external heat source even when system errors prevent the heat pump from operating.

**General Information**

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

**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).

**Construction**

- The unit shall be constructed of galvanized steel and HIPS chassis certified to UL94 V0.

**Refrigerant System**

- The heat exchanger shall be mechanically bonded aluminum fin to copper tube.
- Refrigerant flow shall be controlled by electronic expansion valve at the indoor unit.
- The indoor unit shall include an R-32 alarm output plug for simple notification or interlock of third-party equipment upon R-32 leak detection (VSTAT10P-1 accessory required).

**Indoor Fan**

- Indoor fan shall be sirocco type.
- Fan shall support three fan speeds and Auto setting.
- The unit shall include electro-static, washable, pleated filters as standard.

**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



## SPECIFICATIONS VSED024S6-5P

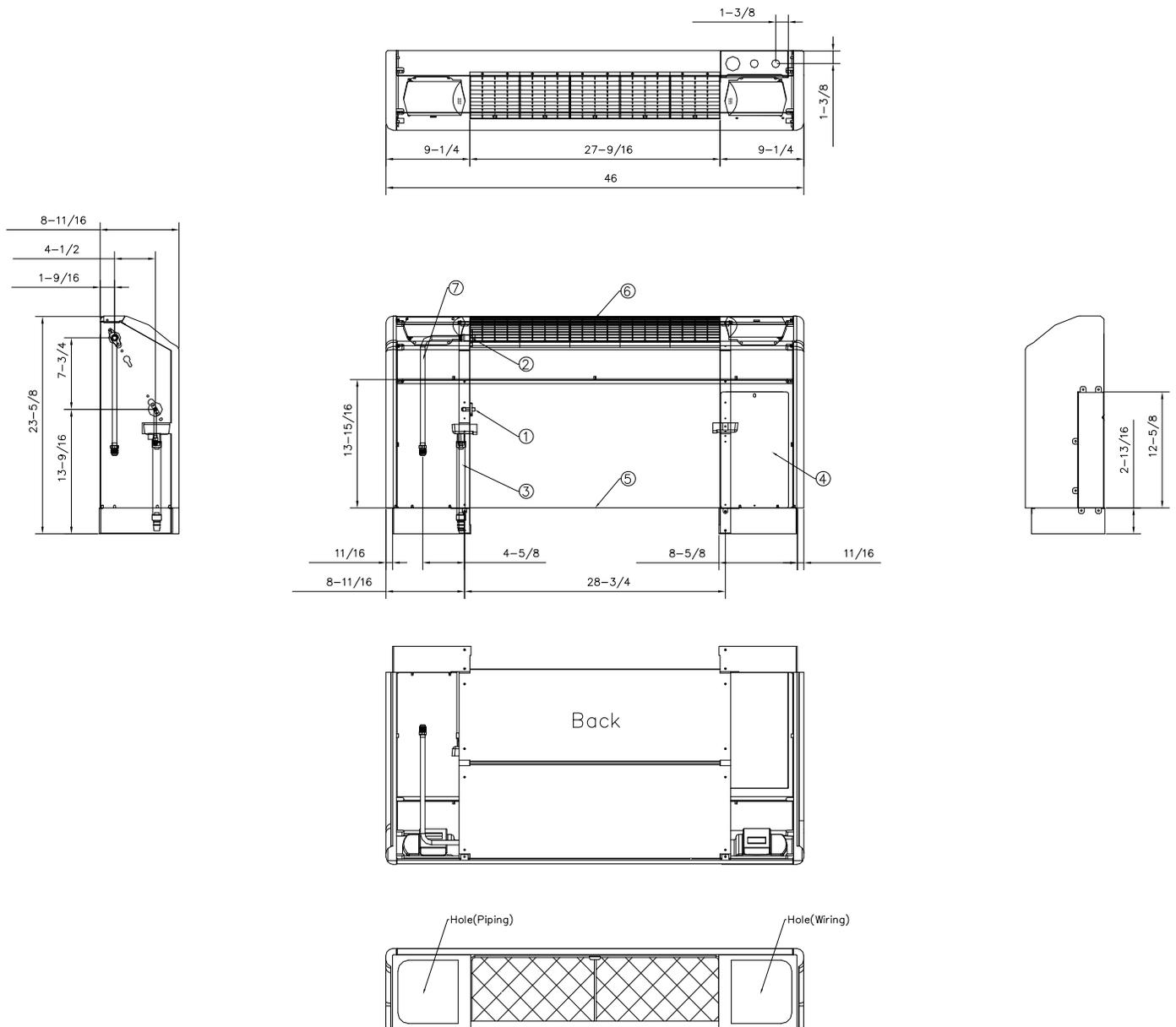
Model	Indoor Unit Model Number		VSED024S6-5P
Performance	Nominal Capacity	Cooling (Btu/h)	24,000
		Heating (Btu/h)	27,000
Power	Voltage	$\Phi$ / V / Hz	1 / 208-230 / 60
	Current Input	Cooling (A)	0.53
		Heating (A)	0.53
	MCA	A	1.0
MOP	A	15.0	
Fan	Type		BLDC with Sirocco Fan
	Motor Output	Watts	100
Airflow	Air Volume (L/M/H)	CFM	390 / 495 / 550
Refrigerant	Type		R-32
	A2L Leak Detection		Integral
Piping Connections	Refrigerant	High side (in.)	3/8
		Low side (in.)	5/8
	Condensate Drain	in.	OD 1 1/4, ID 1
Dimensions	W×H×D	in.	57 1/16 x 23 5/8 x 8 11/16
	Weight	lbs.	67.9
Sound Pressure Level	Low / Mid / High	dB(A)	34 / 38 / 42
Safety	Certifications		UL 60335-2-40

## ACCESSORIES VSED024S6-5P

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
Condensate Pump	Blue Diamond	X87-721

# DIMENSIONAL DRAWING VSED024S6-5P

Unit: Inches



No	Description
1	Liquid pipe connection (1/4)
2	Gas pipe connection (1/2)
3	Drain Connection
4	Opening for Power and Communication Wire Conduit
5	Air Intake
6	Air Outlet