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.

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

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).

c ETL US LISTED
Intertek

AHRI CERTIFIED
www.ahridirectory.org
Unitary Small HP
AHRI Standard 210/240
Certification applies only when the complete system is listed with AHRI.

AHRI CERTIFIED
www.ahridirectory.org
Variable Refrigerant Flow (VRF) Multi-Split AC and HP
AHRI Standard 1230

SPECIFICATIONS VSED006S6-5P

Model	Indoor Unit Model Number		VSED006S6-5P
Performance	Nominal Capacity	Cooling (Btu/h)	6,000
		Heating (Btu/h)	6,700
Power	Voltage	Φ / V / Hz	1 / 208-230 / 60
	Current Input	Cooling (A)	0.20
		Heating (A)	0.20
	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	105 / 140 / 175
Refrigerant	Type		R-32
	A2L Leak Detection		Integral
Piping Connections	Refrigerant	High side (in.)	1/4
		Low side (in.)	1/2
	Condensate Drain	in.	OD 1 1/4, ID 1
Dimensions	W×H×D	in.	46 x 23 5/8 x 8 11/16
	Weight	lbs.	55.8
Sound Pressure Level	Low / Mid / High	dB(A)	20/ 24 / 27
Safety	Certifications		UL 60335-2-40

ACCESSORIES VSED006S6-5P

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 VSED006S6-5P

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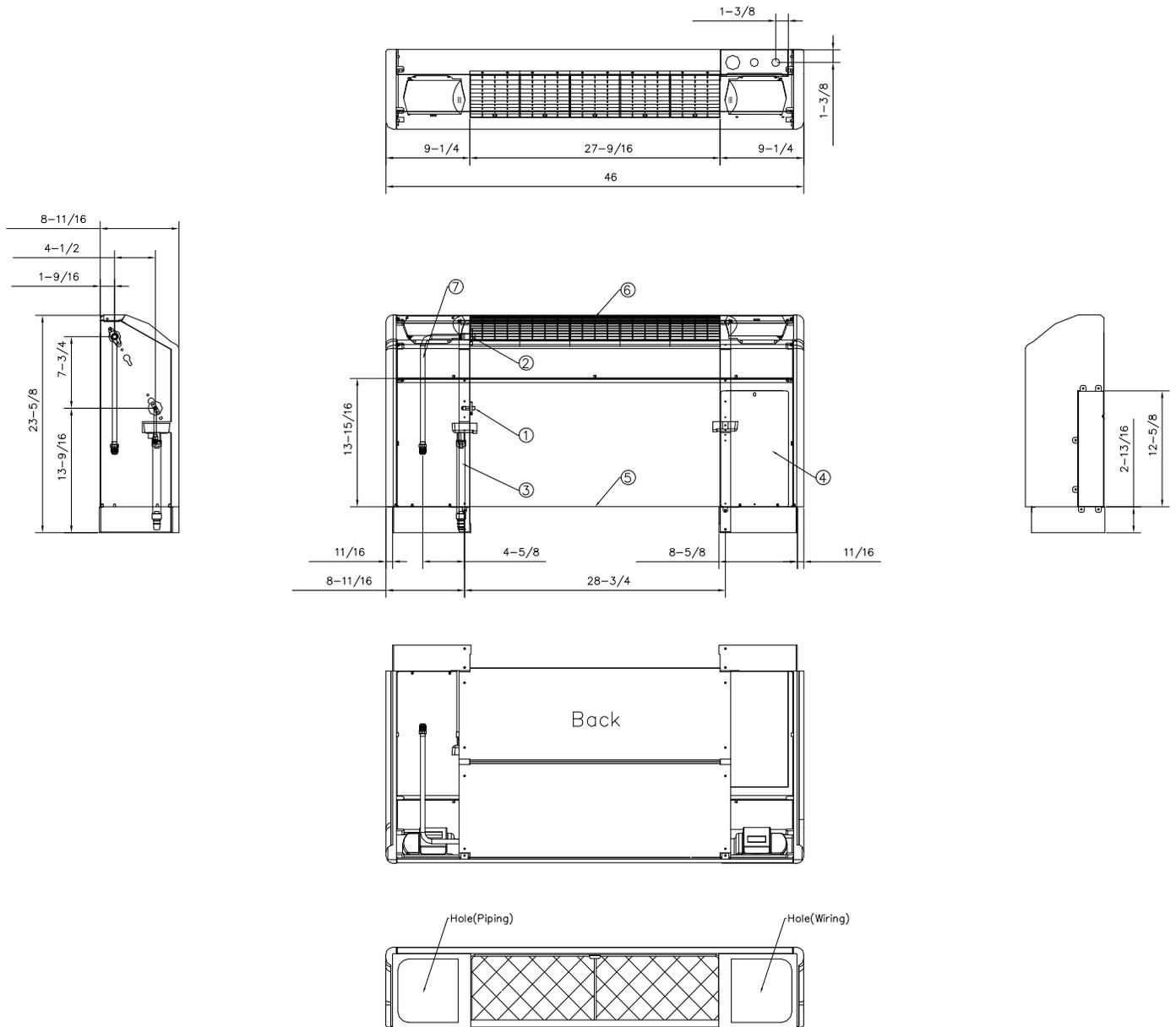
No	Description
1	Liquid pipe connection (1/4)
2	Gas pipe connection (1/2)
3	Drain Connection
4	Opening for Power and Communication Wire Conduit
5	Air Intake
6	Air Outlet