

Job Name

Purchaser

Submitted to

Unit Designation

Location

Engineer

Reference

Approval

Construction

Schedule #

Specifications

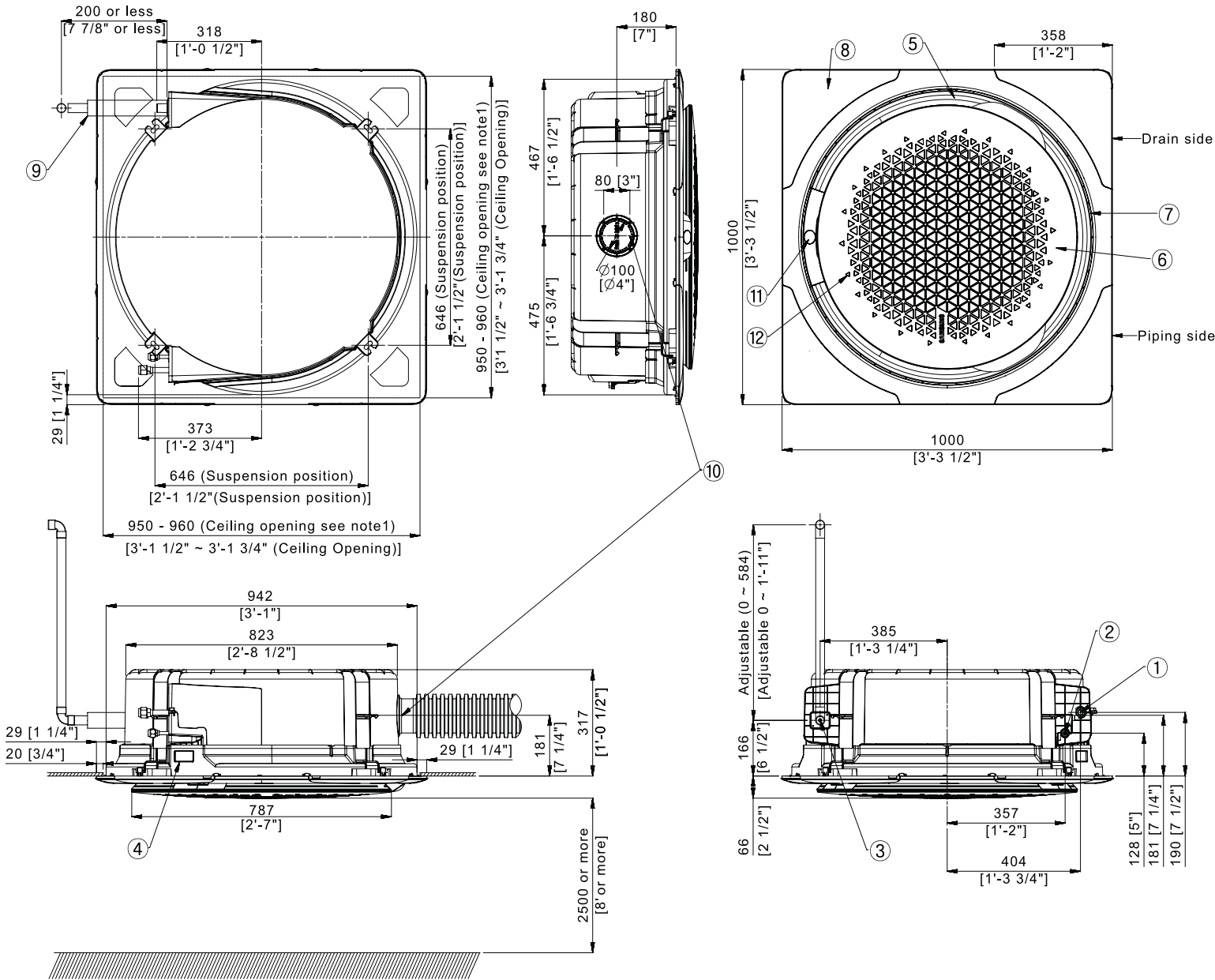
Performance	Nominal Capacity	Cooling (Btu/h)	48,000
		Heating (Btu/h)	54,000
	Condensate (pints/hour)		14.8
Power	Voltage	ø / V / Hz	1 / 208-230 / 60
	Nominal Running Current (A)		0.75
Dimensions	W X H X D	Inches	37 1/4 X 14 3/8 X 37 1/4
	Weight	lbs.	52.9
Sound Level	H / M / L	dB(a)	44 / 42 / 39
Pipe Connections	Liquid (flare)	Inches	3/8
	Suction (flare)	Inches	5/8
	Condensate Connection		1" OD, 3/4" ID
Refrigerant	Type	R410A	
	Control Method		Electronic Expansion Valve
Evaporator Fan	Type	BLDC (1) With Turbo Type Fan (1)	
	Air Volume	CFM (H/M/L)	1,112 / 954 / 848
	FLA	Amps	0.39
Fascia Panel	Ceiling Type (Square)	L X W X H (inches)	39 3/8 X 39 3/8 X 2 5/8
		Weight (lbs.)	7.94
	Open Type (Round)	Diameter X H (inches)	41 15/16 X 3 3/8
		Weight (lbs.)	5.95
Accessories	Fascia Panel	Ceiling Type (square, white)	PC4NUDMAN
		Ceiling Type (square, black)	PC4NBDMAN
		Open Type (round, white)	PC4NUNMAN
		Open Type (round, black)	PC4NBNMAN
	Wired Controller	Simplified	MWR-SH00N
		Simplified Touch Controller	MWR-SH10N
		Premium W/Scheduling	MWR-WE10N
	Wi-Fi Adapter		MIM-H03UN
	External Temperature Sensor		MRW-TA
	Wireless Controller		AR-KH00U
	External Contact Control		MIM-B14
Safety	Certifications		ETL & ETLc



- General Information
- The indoor unit shall be compatible with Samsung DVM S and DVM Eco systems (AM****X****/AA).
 - The indoor unit shall be a round ceiling cassette with 360°, even air distribution
 - Auto-restart after power loss
 - The indoor unit shall have a removable EEPROM that stores system programming information, unit name, and other data
 - All indoor unit addressing and option settings shall be done digitally; the indoor unit does not contain rotary dials or setting switches.
 - Electro-static, washable, pleated filter as standard (included with fascia panel).
 - Built in condensate pump and check valve with maximum 29" lift
 - Knock-out for outside air capability (with booster fan connection)
 - Fascia panel shall have LED indicator lights and an infrared receiver
 - The indoor unit shall have two (2) fascia panel types:
 - Ceiling Type for installation applications where a ceiling textile is present (ex. tile ceiling, gypsum). The Ceiling Type fascia panel shall be square in shape.
 - Open Type for installation applications where a ceiling textile is not present (ex. open ceiling). The Open Type fascia panel shall be circular in shape.
 - The indoor unit shall not have air louvers or blades allowing full airflow without restriction. Air direction control shall be achieved by creating a low pressure area near air outlet causing discharge air to change direction angle.
 - Fixed or auto-swing air direction shall be possible with wireless, touch, or premium wired controller (10° ~ 60° angle)
 - Independent air distribution control shall be possible with wireless or premium wired controller (three directions, 10° ~ 60° angle)
- Construction
- The indoor unit shall be have a galvanized steel frame with HIPS chassis and fascia panel certified to UL94 V0.
- Heat Exchanger
- The indoor unit heat exchanger shall be mechanically bonded aluminum fin to copper tube
- Controls
- Control signal shall be a DDC type signal
- The unit shall integrate with the Samsung NASA Controls Network Solution
- Controls shall integrate with a BMS system
- Control wiring shall be 2 X 16 AWG shielded wire
- The indoor unit shall have a 12VDC output that is interlocked with fan to activate external devices (fan ON = 12VDC ON, fan OFF = 12VDC OFF, pigtail adapter plug required)
- Wired or wireless controls must be purchased separately

* Nominal cooling capacities are based on: Indoor temperature: 80°F DB, 67°F WB. Outdoor temperature: 95°F DB, 75°F WB.
* Nominal heating capacities are based on: Indoor temperature: 70 F DB, 60 F WB. Outdoor temperature: 47 F DB, 43 F WB.

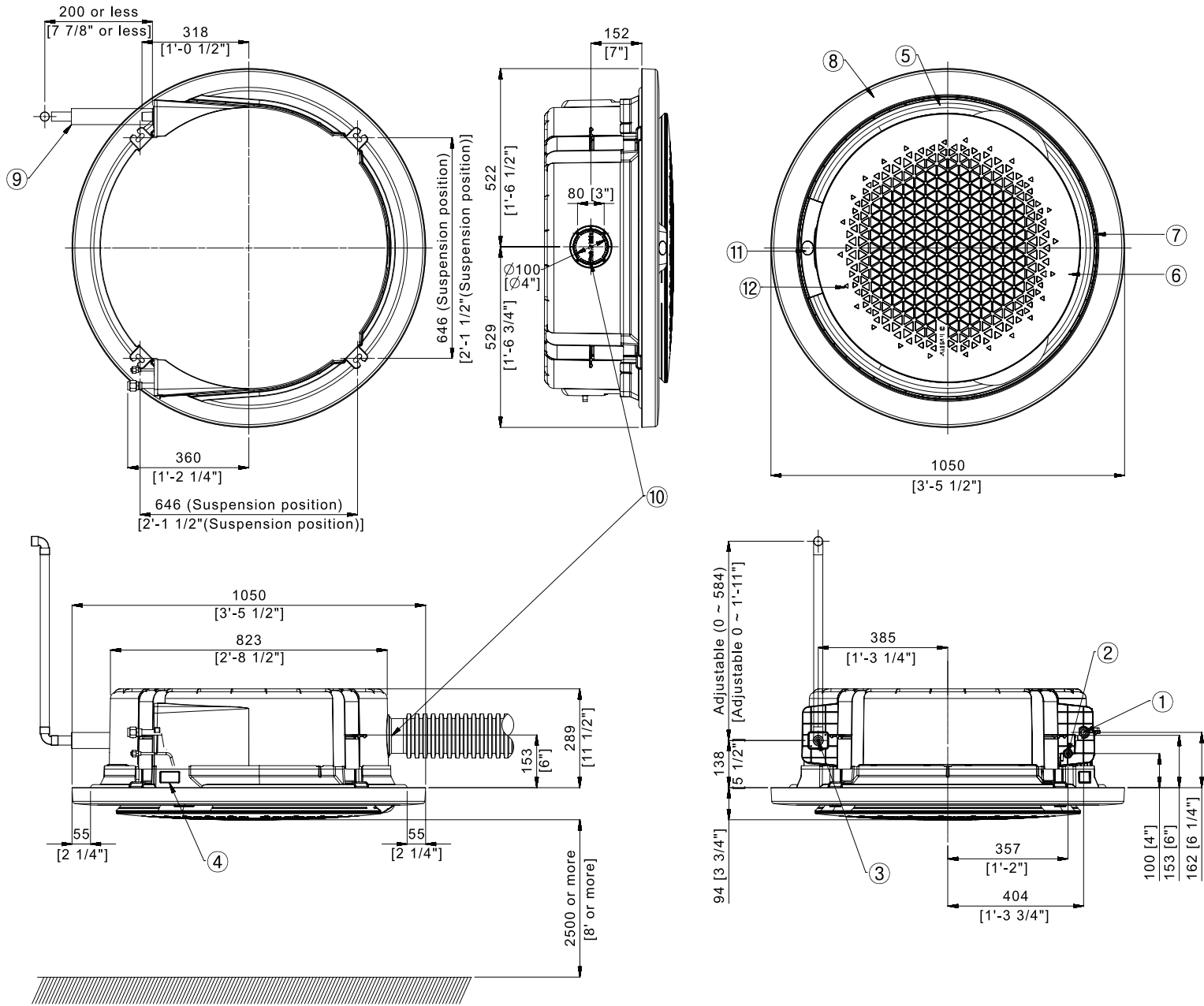
Units: mm [inches]



No.	Description
1	Refrigerant Gas Pipe
2	Refrigerant Liquid Pipe
3	Condensate drain
4	Power and wiring entry
5	Air discharge opening
6	Air suction grille

No.	Description
7	Suction rim for air direction booster fan
8	Decoration fascia panel
9	Drain hose
10	Fresh air knockout hole
11	Status display
12	Infrared receiver

Units: mm [inches]



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