

SUBMITTAL DATA: SVZ-KP36NA & SUZ-KA36NAH2

36,000 BTU/H MULTI-POSITION AIR HANDLER HEAT PUMP SYSTEM

Job Name:	Location:	Date:
Purchaser:	Engineer:	
Submitted to:	For ☐ Reference ☐ Approval ☐ Construction	
System Designation:	Schedule No.:	



ACCESSORIES:

Windscreens (ME-FR-24)
Electric Heater Kit (See_SB_EH_MVZ_PVA_PVfy_SVZ)

Optional Controls

Wireless Controller (MHK1)
Wired Remote Controller (PAR-40MAA)
Thermostat Interface (PAC-US444CN-1)
Simple MA Remote (PAC-YT53CRAU-J)
Wireless Remote Controller (PAR-FL32MA-E)
System Control Interface (MAC-334IF-E)

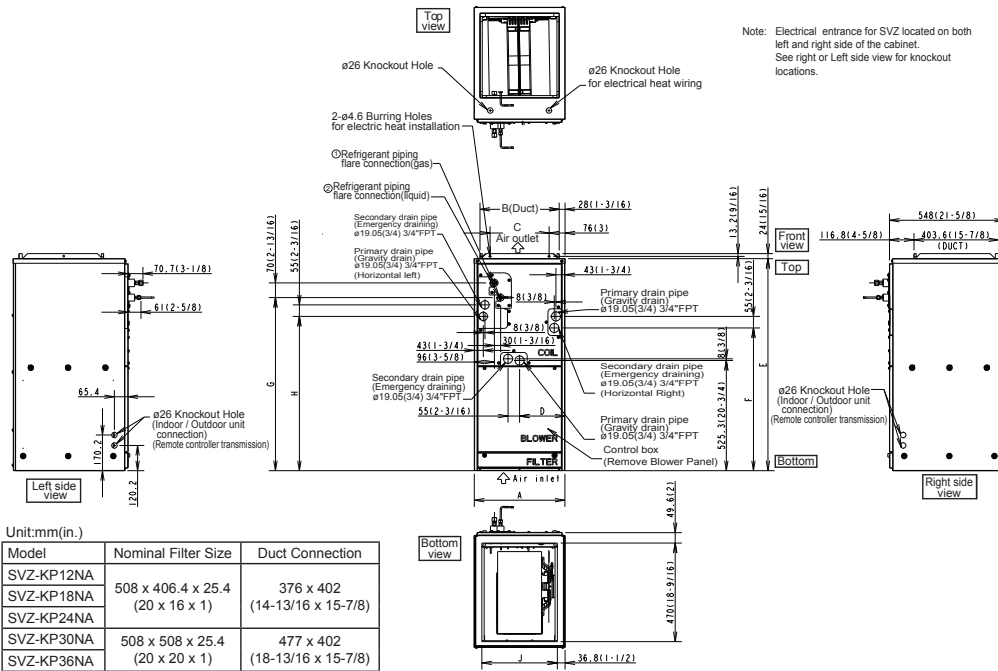
NOTES: *1: Rating conditions (cooling): Indoor: D.B. 26.7°C (80°F), W.B. 19.4°C (67°F), Outdoor: D.B. 35°C (95°F), W.B. 23.9°C (75°F)
(heating): Indoor: D.B. 21.1°C (70°F), W.B. 15.6°C (60°F), Outdoor: D.B. 8.3°C (47°F), W.B. 6.1°C (43°F)
*2: Rating conditions (heating): Indoor: D.B. 21.1°C (70°F), W.B. 15.6°C (60°F), Outdoor: D.B. -9.3°C (17°F), W.B. -8.4°C (15°F)

Operating range		Indoor intake air temperature		Outdoor intake air temperature (SUZ-KA36NAH2 TH)	
Cooling	Maximum	D.B. 35°C (95°F), W.B. 21.7°C (71°F)	D.B. 46°C (115°F)	D.B. 46°C (115°F)	D.B. 46°C (115°F)
	Minimum	D.B. 26.7°C (80°F), W.B. 19.4°C (67°F)	D.B. 24°C (75°F), W.B. 15°C (60°F)	D.B. 24°C (75°F), W.B. 15°C (60°F)	D.B. 24°C (75°F), W.B. 15°C (60°F)
Heating	Maximum	D.B. 26.7°C (80°F), W.B. 19.4°C (67°F)	D.B. 24°C (75°F), W.B. 15°C (60°F)	D.B. 24°C (75°F), W.B. 15°C (60°F)	D.B. 24°C (75°F), W.B. 15°C (60°F)
	Minimum	D.B. 21.1°C (70°F), W.B. 15.6°C (60°F)	D.B. -20°C (4°F), W.B. -21°C (5°F)	D.B. -20°C (4°F), W.B. -21°C (5°F)	D.B. -20°C (4°F), W.B. -21°C (5°F)

Cooling	Rated Capacity	Btu/h	33400
	Capacity Range	Btu/h	11600-33000
	Total input	W	3711
	Energy Efficiency	EER	9.0
		SEER	16
	Moisture Removal	Pints/h	4.7
	Sensible Heat Factor		0.84
Heating at 47°F	Rated Capacity	Btu/h	33500
	Capacity Range	Btu/h	13260-36000
	Total input	W	3030
	HSPF (Region IV)	Btu/h/W	11.7 (11.6)
Heating at 17°F	Rated Capacity	Btu/h	23200
	Rated Total input	W	2710 (2830)
	Maximum Capacity	Btu/h	23200
	Maximum Total Input	W	2710 (2830)
Power supply	Voltage, Phase, Cycle		208/230V, 1-phase, 60Hz
Voltage	Indoor - Outdoor S1-S2		AC 208/230V
	Indoor - Outdoor S2-S3		DC12-24V
	Indoor - Remote controller		DC12V
Indoor unit	MCA (*)	A	4.13
	Fan Motor	F.L.A.	3.3
	Fan Motor Output	W	244
	Air flow (Lo-Mid-Hi)	DRY (CFM)	767-910-910
		WET (CFM)	-
	External Static Pressure	in WG	0.3 - 0.5 - 0.8
	Sound Pressure Level (Lo-Mid-Hi)	dB (A)	35-40-42
	External Finish Color		BLACK
	Dimensions	W: in	21
		D: in	21-5/8
		H: in	43-3/4
	Weight Unit	lbs	119
	Field Drainpipe O.D.	in	O.D. 3/4
	Refrigerant pipe Gas	in	5/8
	Refrigerant pipe Liquid	in	3/8

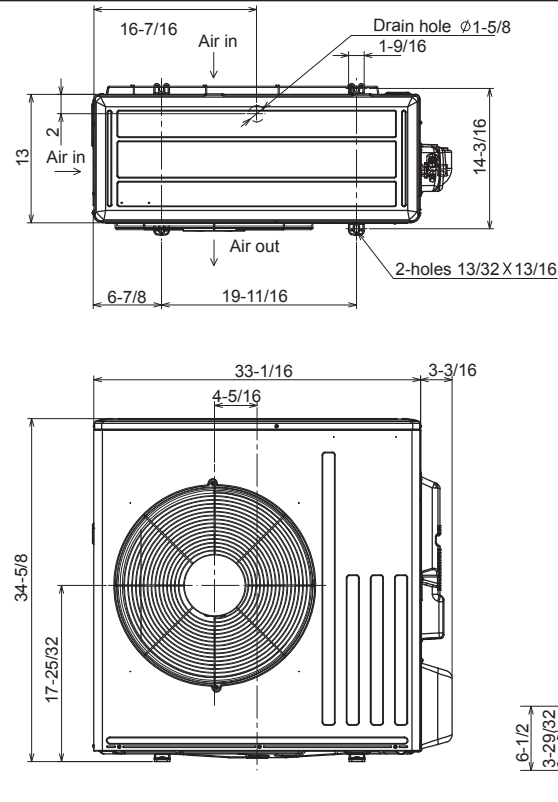
Outdoor unit	MCA (*)	A	17
	MOCP (*)	A	31
	Fan Motor	F.L.A.	1
	Compressor	Model (Type)	DC INVERTER-driven Twin Rotary
		R.L.A.	13
		L.R.A.	16
	Air flow (Cooling/Heating)	CFM	(2,020/1,930)
	Refrigerant Control		Linear Expansion Valve
	Defrost Method		Reverse Cycle
	SPL (Cooling)	dB (A)	55
	SPL (Heating)	dB (A)	55
	External Finish Color		Munsell No. 3Y 7.8/1.1
	Dimension	W: in	33-1/16
		D: in	13
		H: in	34-5/8
Remote Controller	Type		Wired Remote Controller
	Weight	lbs	129
Refrigerant	Type		R410A
	Charge	lbs, oz	4.14
Refrigerant Pipe	Oil	Type (Fl.oz.)	FV50S (15.6)
	Gas side O.D.	in	5/8
	Liquid side O.D.	in	3/8
	Height Difference (Max)	ft	100
	Length (Max.)	ft	100
Connection Method	Indoor/Outdoor		Flared/Flared
Operation Guarantee	Cooling	°F	14 - 115
	Heating	°F	14 - 75

DIMENSIONS: SVZ-KP36NA & SUZ-KA36NAH2



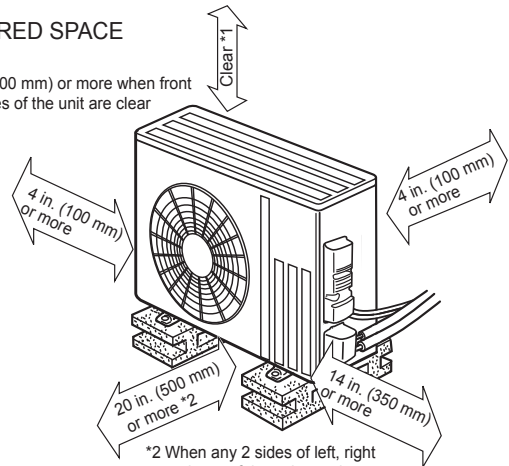
Model	A	B	C	D	E	F	G	H	J	Gas Pipe	Liquid pipe
SVZ-KP12NA	432	376	281	224	1,010.8	680	823	735.5	360	ø 9.52 (3/8)	ø 6.35 (1/4)
SVZ-KP18NA	(17)	(14-13/16)	(11-1/8)	(8-7/8)	(39-13/16)	(26-13/16)	(32-7/16)	(29)	(14-3/16)	ø 12.7 (1/2)	
SVZ-KP24NA											
SVZ-KP30NA	534	477	382.6	266.5	1,113.8	737	953.5	792	461	ø 15.88 (5/8)	ø 9.52 (3/8)
SVZ-KP36NA	(21)	(18-13/16)	(15-1/8)	(10-1/2)	(43-7/8)	(29-1/16)	(37-9/16)	(31-3/16)	(18-3/16)		

Unit: in. (mm)



REQUIRED SPACE

*1 20 in. (500 mm) or more when front and sides of the unit are clear



Service panel

Liquid refrigerant pipe joint
Refrigerant pipe (flared) ø 1/4 (KA18)
Refrigerant pipe (flared) ø 3/8 (KA24/30/36)

Gas refrigerant pipe joint
Refrigerant pipe (flared) ø 1/2 (KA18)
Refrigerant pipe (flared) ø 5/8 (KA24/30/36)

Unit: in.



Form # SB_SVZ-KP36NA_SUZ-KA36NAH2.TH_202008
Specifications are subject to change without notice.
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