

SUBMITTAL DATA: SVZ-KP18NA & SUZ-KA18NAH2

18,000 BTU/H MULTI-POSITION AIR HANDLER HEAT PUMP SYSTEM

Job Name:	Location:	Date:
Purchaser:	Engineer:	
Submitted to:	For <input type="checkbox"/> Reference <input type="checkbox"/> Approval <input type="checkbox"/> Construction	
System Designation:	Schedule No.:	


ACCESSORIES:

- Windscreen (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)

Capacity (BTU/h)	5°F	-4°F	-4°F
	3,900	2,900	0.92
COP	5°F	-4°F	-4°F
	1.24	0.92	

Indoor make up temperature		Outdoor make up temperature	
Maximum	D.B. 35°C(85°F) W.B. 21.7°C(71°F)	Maximum	D.B. 46°C(115°F)
Minimum	D.B. 19.4°C(67°F) W.B. 13.5°C(57°F)	Minimum	D.B. -10°C(14°F)
Maximum	D.B. 23.7°C(75°F) W.B. 19.2°C(67°F)	Maximum	D.B. 24°C(75°F) W.B. 18°C(65°F)
Minimum	D.B. 21.1°C(70°F) W.B. 15.8°C(60°F)	Minimum	D.B. -10.9°C(14°F) W.B. -11°C(12°F)

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(85°F) W.B. 21.7°C(71°F)
 (heating) Indoor: D.B. 21.1°C(70°F) W.B. 15.8°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. 15.8°C(60°F) Outdoor: D.B. -8.3°C(17°F) W.B. -9.4°C(15°F)

Cooling	Rated Capacity	Btu/h	18000
	Capacity Range	Btu/h	6200-18000
	Total input	W	1360
	Energy Efficiency	EER	13.2
		SEER	18
	Moisture Removal	Pints/h	2.4
	Sensible Heat Factor		0.85
Heating at 47°F	Rated Capacity	Btu/h	21600
	Capacity Range	Btu/h	8300-26000
	Total input	W	1600
	HSPF(Region IV)	Btu/h/W	12.6(12.2)
	Heating at 17°F	Rated Capacity	Btu/h
Rated Total input		W	1460(1580)
Maximum Capacity		Btu/h	14000
Maximum Total Input		W	1460(1580)
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	3
	Fan Motor	F.L.A	2.4
	Fan Motor Output	W	121
	Air flow (Lo-Mid-Hi)	DRY(CFM)	471-573-675
		WET(CFM)	-
	External Static Pressure	in WG	0.3 - 0.5 - 0.8
	Sound Pressure Level (Lo-Mid-Hi)	dB (A)	33-36-41
	External Finish Color		BLACK
	Dimensions	W: in	17
		D: in	21-5/8
		H: in	39-13/16
	Weight Unit	lbs	93
	Field Drainpipe O.D.	in	O.D. 3/4
	Refrigerant pipe Gas	in	1/2
	Refrigerant pipe Liquid	in	1/4

Outdoor unit	MCA (*)	A	14	
	MOCP (*)	A	24	
	Fan Motor	F.L.A.	0.67	
	Compressor	Model(Type)	DC INVERTER-driven Twin Rotary	
		R.L.A.	10	
		L.R.A.	12.5	
	Air flow (Cooling/Heating)	CFM	(1,691/1,691)	
	Refrigerant Control		Linear Expansion Valve	
	Defrost Method		Reverse Cycle	
	SPL (Cooling)	dB (A)	54	
	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	
Weight	lbs	127		
Remote Controller	Type	Wired Remote Controller		
Refrigerant	Type	R410A		
	Charge	lbs, oz	3.9	
	Oil	Type(Fl.oz.)	FV50S(11.8)	
Refrigerant Pipe	Gas side O.D.	in	1/2	
	Liquid side O.D.	in	1/4	
	Height Difference (Max)	ft	50	
	Length (Max.)	ft	100	
Connection Method	Indoor/Outdoor	Flared/Flared		
Operation	Cooling	°F	14 - 115	
	Heating	°F	-4 - 75	

Note: Mitsubishi Electric (MESCA) supports the use of only MESCA supplied and approved accessories for proper functioning of the unit(s). Use of non-MESCA supported accessories will affect warranty coverage.

*All electrical work shall comply with National (CEC) and local codes and regulations. Should this document be altered or changed without MESCA's permission, it becomes null and void. MESCA assumes no responsibility for any consequences in such cases.

