

SLZ-KF18NA1 & SUZ-KA18NAHZ-TH

18,000 Btu/h Ceiling-Cassette Heat Pump

Job Name:	Location:	Date:
Purchaser:	Submitted by:	
Submitted to:	Reference	Approval
System Designation:	Schedule Number #:	
Engineer:		



Energy Efficiency	SEER	19.0
	EER	12.5
	HSPF	9.4

Accessories:

Grille (SLP-18FAEU - Ordered separate) (w/3D i-see sensor)
Windscreens (ME-FR-24)
Wired Remote Sensor (PAC-SE41TS-E)
Outside Air Sensor for MHK1 (MOS1)
Wire for Remote on/off with CN32 connector (PAC-715AD)
Connector and wire for Operation status/error using CN51 (PAC-725AD)
Connector of CN32 (remote on/off) (PAC-SE55RA-E)
Connector cable for remote display (PAC-SA88HA-EP)

Optional Controls:

Wired Remote Controller (PAR-40MAA)
Simple MA Remote Controller (PAC-YT53CRAU-J)
Thermostat Interface (PAC-US444CN-1)
System Control Interface (MAC-334IF-E)
Wireless Remote (PAR-SL100A-E)(Requires PAR-SF9FA-E)
Backlit, Wall-mounted, Wireless Controller (MHK2)
Portable Central Controller (MCCH1)

Indoor unit	MCA (*)	A	0.54
	Fan Motor	F.L.A	0.43
	Fan Motor Output	W	50
	Air flow (Lo-Mid-Hi)	DRY(CFM)	300-420-475
		WET(CFM)	270-378-429
	External Static Pressure	in WG	0
	Sound Pressure Level (Lo-Mid-Hi)	dB (A)	32-40-43
	External Finish Color	Munsell 1.0Y 9.2/0.2	
	Dimensions	W: in	22-7/16
		D: in	22-7/16
		H: in	8-3/16
	Weight Unit	lbs	30.6
	Field Drainpipe O.D.	in	O.D. 1-1/4
	Refrigerant pipe Gas	in	1/2
	Refrigerant pipe Liquid	in	1/4
	Moisture Removal	Pints/h	4.2
	Sensible Heat Factor		0.72

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. -8.3°C(17°F), W.B. -9.4°C(15°F)

Operating range		Indoor intake air temperature		Outdoor intake air temperature	
Cooling	Maximum	D.B. 35°C(95°F), W.B. 21.7°C(71°F)		D.B. 46°C(115°F)	
	Minimum	D.B. 19.4°C(67°F), W.B. 13.9°C(57°F)		D.B. -10°C(14°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. 18°C(65°F)	
	Minimum	D.B. 21.1°C(70°F), W.B. 15.6°C(60°F)		D.B. -25°C(-13°F), W.B. -26°C(-14°F)	

*All electrical work shall comply with National (CEC), 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.

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.

SLZ-KF18NA1 & SUZ-KA18NAHZ-TH

Outdoor unit	MCA (*)	A	17
	MOCP (*) (Breaker)	A	31 (20)
	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	
Weight	lbs	131	
Remote Controller	Type	Wired Remote Controller	
Refrigerant	Type	R410A	
	Charge	lbs, oz	4,14
	Oil	Type(Fl.oz.)	FV50S(23.7)
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 Guarantee	Cooling	°F	14 - 115
	Heating	°F	-13 - 75

Power supply	Voltage, Phase, Cycle	1-phase, 60Hz, 208/230V
Voltage	Indoor - Outdoor S1-S2	AC 208/230V
	Indoor - Outdoor S2-S3	DC12-24V
	Indoor - Remote controller	DC12V

		MAX (Btu)	MAX RATED INPUT (W)	RATED (Btu)	RATED TOTAL INPUT (W)	COP
Heating	47°F	21,200	2,367	19,928	2,070	2.62
	17°F	16,100	1,871	12,314	1,636	2.52
	5°F	16,100	1,456	8,084	1,273	1.86
	-4°F	11,511	1,112	4,836	972	1.46
	-13°F	6,923	739	1,199	646	0.54
Cooling	80°F	18,682	1,181	18,682	1,181	4.63

* COP at MAX capacity

*All electrical work shall comply with National (CEC), 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.

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.

