

SUBMITTAL DATA: MLZ-KP09NA(2)-U1 & SUZ-KA09NAH2

9,000 BTU/H 1-WAY CEILING-CASSETTE HEAT PUMP SYSTEM

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



ACCESSORIES:

- Grille (MLP-444WU - Ordered separate)
- Auxiliary Heat Connector Cable (MAC-1710RA-U)
- Windscreens (ME-FR-15-17)

Optional Controls

- Wireless Controller (MHK2)
- Wired Remote Controller (PAR-40MAA) (Requires MAC-334IF-E)
- Thermostat Interface (PAC-US444CN-1)
- System Control Interface (MAC-334IF-E)

Operating range		Outdoor : D.B. 35°C(95°F), W.B. 19.4°C(67°F) Outdoor : D.B. 8.3°C(47°F), W.B. 6.1°C(43°F) Outdoor : D.B. -8.3°C(17°F), W.B. -9.4°C(15°F)
Operating range	Indoor : D.B. 35°C(95°F), W.B. 19.4°C(67°F) Indoor : D.B. 21.1°C(70°F), W.B. 15.6°C(60°F)	Outdoor : D.B. 35°C(95°F), W.B. 19.4°C(67°F) Outdoor : D.B. 8.3°C(47°F), W.B. 6.1°C(43°F) Outdoor : D.B. -8.3°C(17°F), W.B. -9.4°C(15°F)
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Specifications are subject to change without notice

Cooling	Rated Capacity	Btu/h	9000
	Capacity Range	Btu/h	3600-9000
	Total Input	W	710
	Energy Efficiency	EER	12.6
	Moisture Removal	Pints/h	19.5
	Sensible Heat Factor		0.82
	SEER		1.5
Heating at 47°F	Rated Capacity	Btu/h	12000
	Capacity Range	Btu/h	4010-13000
	Total Input	W	860
	HSPF(Region IV)	Btu/h/W	13.3(12.5)
	Rated Total input	W	700(830)
Heating at 17°F	Maximum Capacity	Btu/h	7700
	Maximum Total Input	W	700(830)
	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	1
	Fan Motor	F.L.A.	0.68
	Fan Motor Output	W	30
	Air flow (Lo-to-Mid-Hi)	Cooling DRY(CFM)	212-254-283-311
		Heating WET(CFM)	180-216-240-264
		Heating (CFM)	212-247-290-325
	External Static Pressure	in WG	0
	Sound Pressure Level (Lo-Mid-Hi)	Cooling dB (A)	27-31-34-38
		Heating dB (A)	26-29-34-37
	External Finish Color		Munsell 4.0GY 9.1/0.2
	Dimensions	W: in	43-3/8
		D: in	14-3/16
		H: in	7-5/16
	Weight Unit	lbs	34
	Field Drainpipe O.D.	in	O.D. 1-1/4
Outdoor unit	Refrigerant pipe Gas	in	3/8
	Refrigerant pipe Liquid	in	1/4
	MCA (*)	A	9
	MOCP (*)	A	15
	Fan Motor	F.L.A.	0.5
	Compressor	Model(Type)	DC INVERTER-driven
		R.L.A.	6.2
		L.R.A.	7.7
	Air flow (Cooling/Heating)	CFM	(1,229/1,172)
	Refrigerant Control		Linear Expansion Valve
	Defrost Method		Reverse Cycle
	SPL (Cooling)	dB (A)	48
	SPL (Heating)	dB (A)	50
	External Finish Color		Munsell No.3Y 7.8/1.1
	Dimension	W: in	31-1/2
		D: in	11-1/4
		H: in	21-5/8
Remote Controller	Weight	lbs	81
	Type		Wireless Remote Controller
	Type		R410A
Refrigerant	Charge	lbs, oz	2,5
	Oil	Type(Fl.oz.)	FV50S(9.1)
Refrigerant Pipe	Gas side O.D.	in	3/8
	Liquid side O.D.	in	1/4
	Height Difference (Max)	ft	40
	Length (Max.)	ft	65
Connection Method	Indoor/Outdoor		Flared/Flared
Operation Guarantee	Cooling	°F	14 - 115
	Heating	°F	-4 - 75

DIMENSIONS: MLZ-KP09NA(2)-U1 & SUZ-KA09NAH2

