

SUBMITTAL DATA: SEZ-KD12NA4R1 & SUZ-KA12NAH2

12,000 BTU/H Horizontal-Ducted HEAT PUMP SYSTEM

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



ACCESSORIES:

Windscreens (ME-FR-15-17)
 External Fan/Heater Control Adapter (PAC-YU25HT-G)
 Cable connector of Remote Sensor (PAC-SA88HA-EP)*
 *Allows control of several units with multiple remote control display

Optional Controls

Wireless Controller (MHK1)
 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-FL32MA-E) (Requires PAR-FA32MA-E)
 Remote Temperature Sensor (PAC-SE41TS-E)

NOTES: *1. Rating conditions (cooling)-Indoor : D.B. 26.7°C(80°F), W.B. 19.4°C(67°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)
 Outdoor : D.B. -8.3°C(17°F), W.B. -9.4°C(15°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(47°F), W.B. 6.1°C(43°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. -20°C(-4°F)	W.B. -21°C(-5°F)

Cooling	Rated Capacity	Btu/h	12000
	Capacity Range	Btu/h	4000-12000
	Total input	W	930
	EER		12.9
	Energy Efficiency	SEER	20.5
	Moisture Removal	Pints/h	1.9
	Sensible Heat Factor		0.82
Heating at 47°F	Rated Capacity	Btu/h	15000
	Capacity Range	Btu/h	4800-16800
	Total input	W	1330
	HSPF(Region IV)	Btu/h/W	12.4(11.8)
Heating at 17°F	Rated Capacity	Btu/h	10000
	Rated Total input	W	1180(1310)
	Maximum Capacity	Btu/h	10000
	Maximum Total Input	W	1180(1310)
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.	0.57
	Fan Motor Output	W	96
	Air flow (Lo-Mid-Hi)	DRY(CFM)	247-317-388
		WET(CFM)	222-285-349
	External Static Pressure	in WG	0.02-0.06-0.14-0.20
	Sound Pressure Level (Lo-Mid-Hi)	dB (A)	23-28-33
	External Finish Color		Galvanized-steel Sheets
	Dimensions	W: in	39
		D: in	27-9/16
		H: in	7-7/8
	Weight Unit	lbs	50
	Field Drainpipe O.D.	in	O.D. 1-1/4
	Refrigerant pipe Gas	in	3/8
	Refrigerant pipe Liquid	in	1/4

Outdoor unit	MCA (*)	A	9
	MOCP (*)	A	16
	Fan Motor	F.L.A.	0.5
	Compressor	Model(Type)	DC INVERTER-driven Twin Rotary
		R.L.A.	6.6
		L.R.A.	8.2
	Air flow (Cooling/Heating)	CFM	(1,229/1,172)
	Refrigerant Control		Linear Expansion Valve
	Defrost Method		Reverse Cycle
	SPL (Cooling)	dB (A)	49
	SPL (Heating)	dB (A)	51
	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	Type		Wired Remote Controller
Refrigerant	Type		R410A
	Charge	lbs, oz	2.9
Refrigerant Pipe	Oil	Type(Fl.oz)	FV50S(11.8)
	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

