

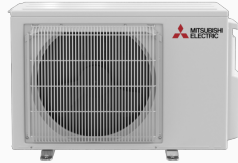
SLZ-AF12NL & SUZ-AA12NL
12,000 BTU/H CEILING CASSETTE INDOOR UNIT
12,000 BTU/H HEAT PUMP OUTDOOR UNIT



Job Name:

System Reference:

Date:



INDOOR Unit ... SLZ-AF12NL
OUTDOOR Unit ... SUZ-AA12NL

INDOOR UNIT FEATURES

- Wi-Fi Optional: A Wireless Interface Adapter can be ordered as an accessory for field installation.
- Swing Mode: An indoor unit with this capability can move air throughout the room like an oscillating fan.
- Light Commercial: Light commercial applications include small offices, restaurants, and retail.
- Multi-flow Vane Control: Multi-flow Vane Control intelligently directs air throughout a space for even temperature distribution.
- Dual Set Point: The controller can be used to program two different set points. The unit will automatically adjust between the set points for optimum comfort.
- Three Speed Fan: Adjust the fan between three speed settings to optimal comfort.
- Horizontal Vane Control: Horizontal Vane Control allows the indoor unit vanes to be moved left and right to provide even temperatures throughout a space.
- 3D i-see Sensor® (Optional): The advanced sensor scans each room to produce a complete thermal profile that includes heat signatures based upon size, temperature and movement, then adjusts temperature and airflow based on user preference, and saves energy according to room occupancy.

OUTDOOR UNIT FEATURES

- Inverter Driven Compressor: Inverter technology uses only the precise amount of energy needed to keep a space comfortable.
- Blue Fin Coating: Anti-corrosion coating that protects the outdoor heat exchanger against salt, sulfur, and other airborne contaminants that impact the efficiency and performance of the outdoor units.
- Seacoast Protection: An anti-corrosion treatment applied to the aluminum fins of the heat exchanger of the outdoor unit to protect against corrosion caused by salt, sulfur, and other airborne contaminants, especially in coastal and industrial areas.

SPECIFICATIONS: SLZ-AF12NL & SUZ-AA12NL

Cooling at 95F ¹	Maximum Capacity	Btu/h	12000
	Rated Capacity	Btu/h	12000
	Minimum Capacity	Btu/h	3000
	Maximum Power Input	W	960
	Rated Power Input	W	960
	Moisture Removal	Pints/h	1.80
	Sensible Heat Factor		0.84
Heating at 47F ²	Power Factor [208V / 230V]	%	98 / 98
	Maximum Capacity	Btu/h	15000
	Rated Capacity	Btu/h	15000
	Minimum Capacity	Btu/h	4900
	Maximum Power Input	W	1370
	Rated Power Input	W	1370
Heating at 17F ³	Power Factor [208V / 230V]	%	95 / 95
	Maximum Capacity	Btu/h	9800
	Rated Capacity	Btu/h	9800
	Maximum Power Input	W	1370
Heating at 5F ⁵	Rated Power Input	W	1370
	Maximum Capacity	Btu/h	7900
Heating at -4F ⁶	Maximum Power Input	W	1010
Efficiency	Maximum Capacity	Btu/h	6600
	SEER2		20.30
	EER2 ¹		12.50
	HSPF2 [IV]		9.70
	COP at 47°F ²		3.20
	COP at 17°F at Maximum Capacity ³		2.60
	COP at 5°F at Maximum Capacity ⁵		2.30
Electrical	COP at -4°F at Maximum Capacity ⁶		2.05
	ENERGY STAR® Certified		Yes
	Voltage, Phase, Frequency	V AC / V AC , Ø , Hz	208 / 230 , 1 , 60
	Guaranteed Voltage Range	V AC	198 - 253
	Voltage: Indoor - Outdoor, S1-S2	V AC	208/230
	Voltage: Indoor - Outdoor, S2-S3	V DC	12-24
	Short-circuit Current Rating [SCCR]	kA	5
Indoor Unit	Recommended Fuse/Breaker Size (Outdoor)	A	15
	Recommended Wire Size [Indoor - Outdoor]	AWG	14
	Fan Motor Output	W	50
	Fan Motor Type		DC Motor
	Airflow Rate at Cooling, Dry	CFM	230 , 280 , 335
	Airflow Rate at Heating, Dry	CFM	230 , 280 , 335
	Sound Pressure Level [Heating]	dB (A)	25 , 30 , 34
	Dual Barrier Coating on Heat Exchanger		No
	Dual Barrier Coating on Fan		No
	External Finish Color		1.0Y 9.2/0.2
	Unit Dimensions (W x D x H)	inch x inch x inch [mm x mm x mm]	22-7/16 x 22-7/16 x 9-21/32 [570 x 570 x 208]
	Package Dimensions (W x D x H)	inch x inch x inch [mm x mm x mm]	28 x 24-13/32 x 9-29/64 [710 x 620 x 240]
IDU Operating Temp. Range	Unit Weight	lbs [kg]	31 [14]
	Package Weight	lbs [kg]	36 [16.50]
	Cooling Intake Air Temp [Maximum / Minimum]	°FDB , °FWB / °FDB , °FWB	90 , 73 / 66 , 59
Outdoor Unit	Heating Intake Air Temp [Maximum / Minimum]	°FDB	83 / 50
	MCA	A	14
	MOCP	A	23
	Fan Motor Output	W	55
	Airflow Rate Cooling	CFM	1229
	Airflow Rate Heating	CFM	1172

Notes

¹Cooling at 95°F (Indoor // Outdoor) °F 80 DB, 67 WB // 95 DB, 75 WB

²Heating at 47°F (Indoor // Outdoor) °F 70 DB, 60 WB // 47 DB, 43 WB

³Heating at 17°F (Indoor // Outdoor) °F 70 DB, 60 WB // 17 DB, 15 WB

⁵Heating at 5°F (Indoor // Outdoor) °F 70 DB, 60 WB // 5 DB, 4 WB

*Indoor/Outdoor Unit Operating Temperature Range (Cooling Air Temp [Maximum / Minimum]): • Applications should be restricted to comfort cooling only; equipment cooling applications are not recommended for low ambient temperature conditions.

**Outdoor Unit Operating Temperature Range (Cooling Thermal Lock-out / Re-start Temperatures; Heating Thermal Lock-out / Re-start Temperatures): • System cuts out in heating mode and automatically restarts at these temperatures.

⁶Heating at -4°F (Indoor // Outdoor) °F 70 DB, 60 WB // -4 DB, -5 WB

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Outdoor Unit	Defrost Method		Reverse Cycle
	Coating on Heat Exchanger (Bluefin, Sea Coast)		Yes , Yes
	Sound Pressure Level, Cooling ¹	dB (A)	49
	Sound Pressure Level, Heating ²	dB (A)	51
	Compressor Type		Twin Rotary
	Compressor Model		SRB092FQFMC
	Compressor Oil [Type // Charge]	// oz	RM68EH // 11.80
	External Finish Color		Munsell No.3Y 7.8/1.1
	Base Pan Heater		Optional
	Unit Dimensions (W x D x H)	inch x inch x inch [mm x mm x mm]	31-1/2 x 11-1/4 x 21-5/8 [800 x 285 x 550]
	Package Dimensions (W x D x H)	inch x inch x inch [mm x mm x mm]	37-1/16 x 15 x 24-13/16 [940 x 380 x 630]
	Unit Weight	lbs [kg]	81 [37]
ODU Operating Temp. Range	Package Weight	lbs [kg]	88.18 [40]
	Cooling Intake Air Temp [Maximum / Minimum*]	°FDB	115 / 14
	Cooling Thermal Lock-out / Re-start Temperatures**	°FDB	-1 / 3
	Heating Intake Air Temp [Maximum / Minimum]	°FDB , °FWB / °FDB , °FWB	70 , 65 / -4 , -5
	Heating Thermal Lock-out / Re-start Temperatures**	°FDB	-14 / -4
Refrigerant	Type		R454B
	Pre-Charged Refrigerant Amount	lbs	2
	Maximum Pre-Charged Piping Length	ft [m]	65 [20]
	Additional Refrigerant Charge Per Additional Piping Length	oz/ft	0
Piping	Gas Pipe Size O.D. [Flared]	inch [mm]	3/8 [9.52]
	Liquid Pipe Size O.D. [Flared]	inch [mm]	1/4 [6.35]
	Maximum Piping Length	ft [m]	65 [20]
	Maximum Height Difference	ft [m]	40 [12]
	Maximum Number of Bends		10
		inch [mm]	33-15/32 [850]

Notes

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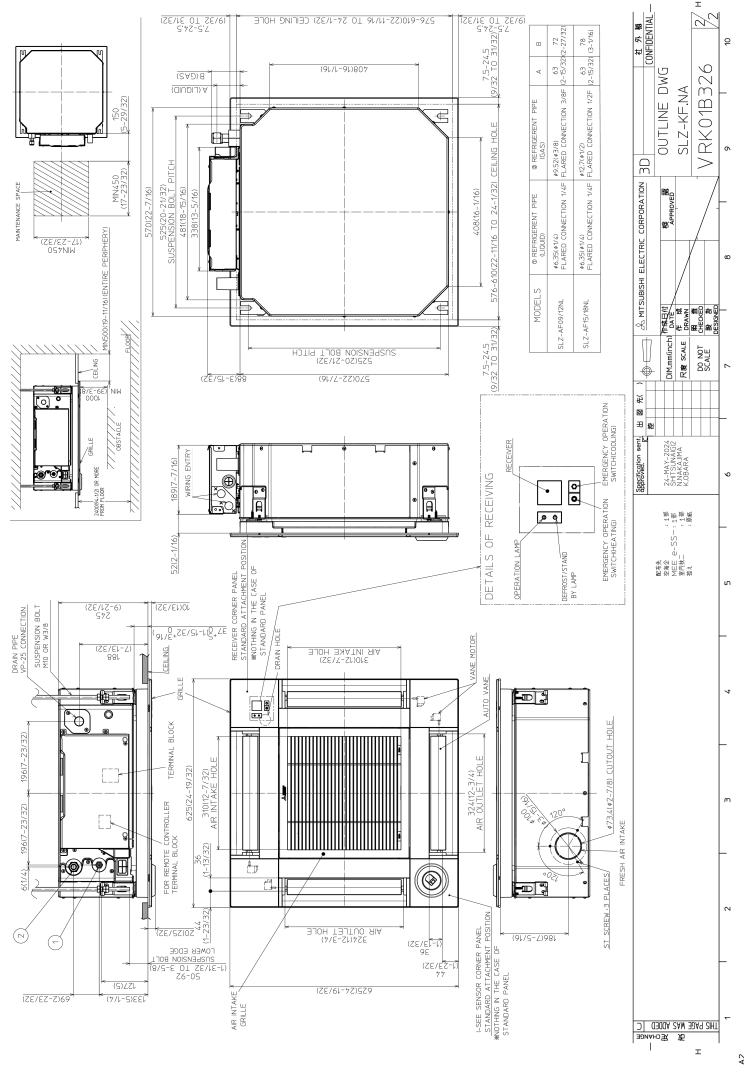
INDOOR UNIT ACCESSORIES: SLZ-AF12NL

Condensate	Blue Diamond MicroBlue Mini Condensate Pump 110208230V up to 18000 BTUH	☐ X86-003
	Blue Diamond Sensor Extension Cable 15 Ft	☐ C13-103
	Refco Condensate Pump 100-240 VAC up to 120000 BTUH	☐ COMBI
	Blue Diamond MaxiBlue Advanced Mini Condensate Pump w Reservoir Sensor 110V up to 48000 BTUH recommended	☐ X87-711
	Blue Diamond Advanced Mini Condensate Pump w Reservoir Sensor 208230V recommended	☐ X88-721
	Blue Diamond MegaBlue Advanced Condensate Pump w Reservoir Sensor	☐ X87-835
	Sauermann Condensate Pump	☐ SI30-230
Control Interface	Wireless Interface Adapter for the Comfort app	☐ PAC-USWHS002-WF-2
	Airzone Wired Blueface Controller White	☐ AZZBSBLUEZEROCB
	Airzone Wireless Lite Controller White	☐ AZZBSLITERB
	Thermostat Interface for 3rd Party Thermostats	☐ PAC-US445CN-1
	IT Extender for kumo station	☐ PAC-WHS01IE-E
	Airzone Wired Blueface Controller Black	☐ AZZBSBLUEZEROCN
	Procon BACnet and Modbus Interface	☐ PAC-UKPRC001-CN-1
	Airzone Wireless Think Controller White	☐ AZZBSTHINKRB
	Airzone Wireless Lite Controller Black	☐ AZZBSLITERN
	kumo station for the Comfort app	☐ PAC-WHS01HC-E
	Airzone Wireless Think Controller Black	☐ AZZBSTHINKRN
	Operation and Error Status Output Adapter	☐ PAC-SF40RM-E
Disconnect Switch	30A600VUL fits 2 X 4 utility box - Black	☐ TAZ-MS303
	30A600VUL fits 2 X 4 utility box - White	☐ TAZ-MS303W
Grille	Grille (3D i-see Sensor panel)	☐ SLP-18FAEU
	Grille (Decoration panel)	☒ SLP-18FAU
Lineset	50 x 1/4 x 50 3/8 Lineset Twin-Tube Insulation	☐ MLS143812T-50
	15 x 1/4 x 15 3/8 Lineset Twin-Tube Insulation	☐ MLS143812T-15
	30 x 1/4 x 30 3/8 Lineset Twin-Tube Insulation	☐ MLS143812T-30
	65 x 1/4 x 65 3/8 Lineset Twin-Tube Insulation	☐ MLS143812T-65
Remote Sensor	Flush Mount Remote Temperature Sensor for SEZ SLZ SVZ and all P-Series models	☐ PAC-USSEN002-FM-1
	Wall Mount Remote Temperature Sensor	☐ PAC-SE41TS-E
	Wireless temperature and humidity sensor for the Comfort app	☐ PAC-USWHS003-TH-1
Terminal Signal Adapter	3-Pin Wiring Harness	☐ PAC-715AD
	Backup Heat Relay Kit Adapter for CN24 or CN152 Connector	☐ CN24RELAY-KIT-CM3
	5-Pin Wiring Harness	☐ PAC-725AD
Wired Remote Controller	Deluxe Wired MA Remote Controller	☐ PAR-42MAAUB
	Simple MA Remote Controller	☐ PAC-YT53CRAU-J
	Simple Direct Wired Remote Controller	☐ PAC-SDW01RC-1
	Touch MA Wired Remote Controller	☐ PAR-CT01MAU-SB
Wireless Remote Controller	Wireless Signal Receiver for PAR-SL101A-E on SLZ-AF and PLFY-NFMU models	☐ PAR-SF9FA-E
	Wireless Remote Controller	☐ PAR-SL101A-E
	Lockdown Bracket for Wireless Handheld Remote Controllers	☐ RCMKP1CB
	Universal Wireless Receiver for PAR-FL32MA-E	☐ PAR-FA32MA-W
	Wireless MA Remote Controller	☐ PAR-FL32MA-E
	RedLINK Wireless Remote Controller	☐ MHK2
	Wireless signal receiver (corner panel) (for PAR-SL101A-E / PAR-FL32MA)	☐ PAR-SR4LU-E
Notes ¹ Requires MAC-334IF-E Interface to connect MA controller ¹ Unable to use with Wireless Handheld Remote Controller		

OUTDOOR UNIT ACCESSORIES: SUZ-AA12NL

Air Outlet Guide	Air Outlet Guide	☐	MAC-881SG-E
Centralized Drain Pan	Centralized Drain Pan	☐	PAC-SG63DP-E
Control/Service Tool	M- & P-Series Maintenance Tool Cable Set	☐	M21EC0397
	Maintenance Tool Interface	☐	PAC-USCMS-MN-1
Drain Socket	Drain Socket	☐	MAC-871DS
Hail Guards	Hail Guard	☐	HG-B4
Mini-Split Wire	14 Gauge 4 wire MiniSplit Cable250 ft roll	☐	S144-250
	14 Gauge 4 wire Armored MiniSplit Cable250 ft roll	☐	SW144-250
	14 Gauge 4 wire MiniSplit Cable50 ft roll	☐	S144-50
	14 Gauge 4 wire Armored MiniSplit Cable50 ft roll	☐	SW144-50
Mounting Pad	Condensing Unit Mounting Pad 16 x 36 x 3	☐	ULTRILITE1
Muffler	Muffler	☐	MAC-001MF-E
Optional Defrost Heater	Base Heater	☐	MAC-650BH-U
Port Adaptor	Adaptor 1/2 x 3/8	☐	PAC-SK88RJ-E
Snow/Rain Diverter	SnowRain Diverter	☐	SRD-1
Stand	Outdoor Unit 3-14 inch Mounting Base Pair - Plastic	☐	DSD-400P
	Condenser Wall Bracket	☐	QSWB2000M-1
	18 Single Fan Stand	☐	QSMS1801M
	Outdoor Unit Stand 12 High	☐	QSMS1201M
	Condenser Wall Bracket - Stainless Steel Finish	☐	QSWBSS
	24 Single Fan Stand	☐	QSMS2401M
Notes			

A — B — C — D — E — F — G



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