

Job Name:

System Reference:

Date:



### GENERAL FEATURES

- Ceiling-recessed cassette (24"x24") ductless heat pump
- Install SLZ in a drywalled ceiling (with an access panel for servicing) or in a 2'x2' drop ceiling
- Wide airflow pattern for excellent air distribution
- Fresh air intake provided in the main body
- Built-in drain condensate lift mechanism (lifts to 33")
- Multiple control options available:
  - kumo cloud® smart device app for remote access
  - Third-party interface options
  - Wired or wireless controllers
- Long-life air filter included
- Individual vane control

# SPECIFICATIONS: SLZ-KF12NA

Cooling Capacity <sup>1, 3</sup>		BTU/H	12,000
Heating Capacity <sup>2, 3</sup>		BTU/H	13,000
Electrical	Voltage, Phase, Frequency		208/230V, 1 phase, 60Hz
	Guaranteed Voltage Range		V AC 187-253
	Voltage: Indoor - Outdoor, S1-S2		V AC 208/230
	Voltage: Indoor - Outdoor, S2-S3		V DC 24
	Voltage: Indoor - Remote controller		V DC 12
MCA		A	0.30
Fan Motor Full Load Amperage		A	0.24
Fan Motor Output		W	50
Airflow Rate at Cooling, Dry		CFM	335-265-230
Airflow Rate at Cooling, Wet		CFM	302-252-207
Airflow Rate at Heating, Dry		CFM	335-265-230
Sound Pressure Level (Cooling) <sup>1</sup>		dB(A)	34-30-25
Sound Pressure Level (Heating) <sup>2</sup>		dB(A)	34-30-25
External Static Pressure		in.WG	N/A
Drain Pipe Size		In. (mm)	1 1/4 (32)
Condensate Lift Mechanism, Maximum Distance		In. (mm)	33 (850)
Heat Exchanger Type			Plate fin coil
External Finish Color			Munsell 1.0Y 9.2/0.2
Unit Dimensions	W: In. (mm)		22-7/16 (570)
	D: In. (mm)		22-7/16 (570)
	H: In. (mm)		9-21/32 (245)
Package Unit Dimensions	W: In. (mm)		24-13/32 (620)
	D: In. (mm)		27-15/16 (710)
	H: In. (mm)		9-7/16 (240)
Unit Weight		Lbs. (kg)	31 (13.9)
Package Unit Weight		Lbs. (kg)	37 (17)
Refrigerant	Type		R410A
	Charge		Lbs, oz 2, 9
Piping	Gas Pipe Size O.D. (Flared)		In.(mm) 3/8 (9.52)
	Liquid Pipe Size O.D. (Flared)		In.(mm) 1/4 (6.35)

**Notes:**

Nominal Conditions	<sup>1</sup> Cooling (Indoor // Outdoor)	°F	80 DB, 67 WB // 95 DB, 75 WB
	<sup>2</sup> Heating at 47°F (Indoor // Outdoor)	°F	70 DB, 60 WB // 47 DB, 43 WB

<sup>3</sup>Capacity varies based on the number of indoor units operating and the model of the Multi-zone Outdoor Unit. For reference to connected capacity charts, please refer Multi-zone Outdoor Unit Operational Performance.

## ACCESSORIES: SLZ-KF12NA

Wireless Signal Receiver	<input type="checkbox"/> PAR-FA32MA-W
Wireless Remote Controller	<input type="checkbox"/> PAR-FL32MA-E
Wireless Remote Receiver Panel	<input type="checkbox"/> PAR-SF9FA-E
Wireless Remote Controller	<input type="checkbox"/> PAR-SL100A-E
kumo touch™ RedLINK™ Wireless Controller	<input type="checkbox"/> MHK2
Deluxe MA Remote Controller	<input type="checkbox"/> PAR-40MAAU
Simple MA Controller	<input type="checkbox"/> PAC-YT53CRAU-J
Touch MA Controller	<input type="checkbox"/> PAR-CT01MAU-SB
Wired Remote Sensor	<input type="checkbox"/> PAC-SE41TS-E
Wireless Temperature and Humidity Sensor	<input type="checkbox"/> PAC-USWHS003-TH-1
Flush Mount Remote Temperature Sensor	<input type="checkbox"/> PAC-USSEN001-FM-1
Wireless Interface 2	<input type="checkbox"/> PAC-USWHS002-WF-2
Thermostat Interface	<input type="checkbox"/> PAC-US444CN-1
kumo station®	<input type="checkbox"/> PAC-WHS01HC-E
USNAP Interface	<input type="checkbox"/> PAC-WHS01UP-E
IT Extender	<input type="checkbox"/> PAC-WHS01IE-E
BACnet® and MODBUS® Interface	<input type="checkbox"/> PAC-UKPRC001-CN-1
External Fan / Heater Control Relay Adapter	<input type="checkbox"/> CN24RELAY-KIT-CM3
Wire for Remote on/off with CN32 connector	<input type="checkbox"/> PAC-715AD
Connector and wire for Operation status/error using CN51	<input type="checkbox"/> PAC-725AD
Connector cable for remote display	<input type="checkbox"/> PAC-SA88HA-EP
Remote Operation Adapter <sup>1</sup>	<input type="checkbox"/> PAC-SF40RM-E
Grille (required)	<input type="checkbox"/> SLP-18FAU
3D i-see Sensor® Corner Panel	<input type="checkbox"/> PAC-SF1ME-E
Grille with 3D i-see Sensor®	<input type="checkbox"/> SLP-18FAEU
Blue Diamond Sensor Extension Cable — 15 Ft.	<input type="checkbox"/> C13-103
Blue Diamond Alarm Extension Cable — 6.5 Ft.	<input type="checkbox"/> C13-192
Blue Diamond MultiTank — collection tank for use with multiple pumps	<input type="checkbox"/> C21-014
Blue Diamond Rubber Foot Pads	<input type="checkbox"/> F10-010
Mini Condensate Pump — 230 volt application	<input type="checkbox"/> SI30-230
MegaBlue Advanced Blue Diamond Condensate Pump w/ Reservoir & Sensor	<input type="checkbox"/> X87-835 - 110 to 250V
Advanced Blue Diamond Mini Condensate Pump w/ Reservoir & Sensor (208/230V) [recommended]	<input type="checkbox"/> X87-721 - 208/230V
(30A/600V/UL) [fits 2" X 4" utility box] - Black	<input type="checkbox"/> TAZ-MS303
(30A/600V/UL) [fits 2" X 4" utility box] - White	<input type="checkbox"/> TAZ-MS303W

<sup>1</sup> Unable to use with wireless remote controller

# DIMENSIONS: SLZ-KF12NA

Unit: inch (mm)

