MODEL: MHK2 kumo touch™



Job Name:

System Reference: Date:





MRCH2 REMOTE CONTROLLER SPECIFICATIONS

- · Touch panel, Backlit, easy-to-read display
- Used RedLINK™ 3.0 wireless technology
 - Not compatible with MHK1, MOS1, and MCCH1 RedLINK 2.0 wireless technology environment.
- · User functions allow user to set:
 - On/Off
 - Operation modes cool, heat, drying, fan
 - Set temperature (separate dual set points for heat and cool)
 - Fan speed setting
 - Airflow direction
- Set temperature range limits (dependent on the system connected):
 - Cooling from 50° to 99° F
 - Heating from 40° to 90° F
 - Auto from 50° to 90° F with dual temperature setting
- · MHK2 Scheduling options:
 - No Schedule
 - MO-SU = Every day the same
 - MO-FR, SA, SU = 5-1-1 schedule
 - MO-FR, SA-SU = 5-2 schedule
 - Each Day = Every day individual
 - Allow kumo cloud to be schedule holder
- · Hold function
- Temporary or Permanent schedule override
- · Lockout: - On
 - Off
 - Mode
 - Fan Speed
 - Set point
 - Vane Direction
- Day/Time display with a 12 or 24-hour clock
- · Supports both Fahrenheit and Celsius
- RedLINK™ Wireless Connection Status
- Filter sign display
- Diagnostics: Displays and records error codes
- · Adjustable auto mode deadband

- · Space temperature offset adjustment
- · Space humidity offset adjustment
- · Hide (on screen only)
 - Indoor temperature
 - Indoor humidity
- · Temperature Sensing Source
 - MHK2
 - Indoor Unit
 - RedLINK Wireless Indoor Air Sensor (IAS)
 - Average of MHK2 and RedLINK Wireless Indoor Air Sensor (IAS)
- · Indoor Humidity Source
 - MHK2
 - RedLINK Wireless Indoor Air Sensor (IAS)
 - Average of MHK2 and RedLINK Wireless Indoor Air Sensor (IAS)
- · Improved indoor unit function code list
 - Indoor unit type
 - Expanded to 28 indoor unit codes
- · Reset to factory default
- Uses two "AA" alkaline batteries (included)
- Dimensions: 4-5/64" x 4-5/64" x 1-1/16" (104 x 104 x 27 mm)
- Operating Ambient Temperature: 32° to 120° F (0° to 48.9° C)
- Operating Relative Humidity: 5% to 90%

MIFH2 WIRELESS RECEIVER SPECIFICATIONS:

- · Included in MHK2 Kit
- Mounts next to or near indoor units to allow MRCH2 Remote Controller operation
- · Connects to indoor unit control board with MRC2 Cable
- Dimensions: 3-3/32" H x 1-3/4" W x 39/64" D (74.8 x 44.4 x 15.4 mm)
- Operating Ambient Temperature: -40° to 165° F (-40° to 73.9° C)
- Operating Relative Humidity: 5% to 95%

MRC2 CABLE

- · Included in MHK2 Kit in the MIFH2 box
- · Connects MIFH2 Wireless Receiver to the CN105 connector on indoor unit control board
- Length: 39-23/64" (1 m)

MODEL: MHK2 kumo touch™



kumo cloud & MHK2

- kumo cloud and MHK2 can work together on the same indoor unit with the following devices:
 - Wireless Interface 2
 - PAC-USWHS002-WF-2
 - Wireless Interface 2 has an additional CN105 connector on it
 - MHK2 kit
- · Compatibility with indoor units:
 - All CITY MULTI®
 - All P-Series
 - All M-series

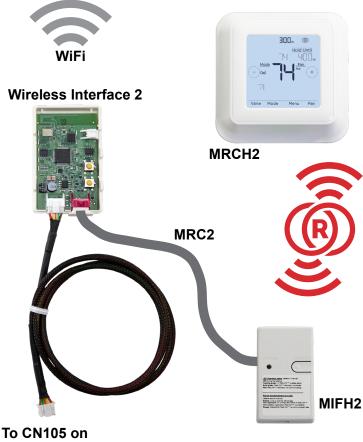
Accessories

Wireless Interface 2 (PAC-USWHS002-WF-2)

CN105 IT Extender (PAC-WHS01E-E)

RedLINK 3.0 Wireless Indoor Air Sensor

- Not sold by Mitsubishi Electric Trane HVAC LLC
- Honeywell (C7189R2002-2/U)



To CN105 on Indoor Unit control board

Specifications are subject to change without notice.

1340 Satellite Boulevard. Suwanee, GA 30024

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M_Submittal_MHK2 kumo touch 03-2020

MXZ-4C36NA3 3-TON MULTI-ZONE INVERTER HEAT-PUMP SYSTEM



Job	N	an	ne:

System Reference: Date:



FEATURES

- Variable speed INVERTER-driven compressor
- · Optional base pan heater
- Quiet outdoor unit operation as low as 54 dB(A)
- · High pressure protection
- Compressor thermal protection
- · Compressor overcurrent detection
- Fan motor overheating/voltage protection

SPECIFICATIONS: MXZ-4C36NA3

	Maximum Capacity	BTU/H	36,400 // 36,400 // 36,400
	Rated Capacity	BTU/H	35,400 // 34,900 // 34,400
	Minimum Capacity	BTU/H	11,700 // 11,500 // 11,300
Cooling ¹ (Non-Ducted // Mix // Ducted)	Maximum Power Input	W	3,960 // 3,960 // 3,960
	Rated Power Input	W	3,760 // 3,850 // 3,940
	Power Factor (208V, 230V)	%	99.0, 99.0 // 99.0, 99.0 // 99.0, 99.0
	Maximum Capacity	BTU/H	43,000 // 43,000 // 43,000
	Rated Capacity	BTU/H	
Heating at 47°F2 (New Dueted // Mix //	• •	BTU/H	36,000 // 35,200 // 34,400
Heating at 47°F ² (Non-Ducted // Mix // Ducted)	Minimum Capacity	W W	18,300 // 18,800 // 19,300
Zaotou,	Maximum Power Input	W	4,020 // 4,020 // 4,020
	Rated Power Input Power Factor (208V, 230V)	%	3,020 // 3,060 // 3,100
			98.7, 98.7 // 98.8, 98.8 // 98.8, 98.8
Harting at 479F2 (Nam Doorted // Min //	Maximum Capacity	BTU/H	26,600 // 26,600 // 26,600
Heating at 17°F³ (Non-Ducted // Mix // Ducted)	Rated Capacity	BTU/H W	22,400 // 22,400 // 22,400
Buoled)	Maximum Power Input		3,440 // 3,490 // 3,540
	Rated Power Input	W	2,300 // 2,470 // 2,640
Heating at 5°F ⁴ (Non-Ducted // Mix // Ducted)	Maximum Capacity	BTU/H	24,000 // 24,000 // 24,000
Ducted)	Maximum Power Input	W	3,320 // 3,280 // 3,240
	SEER		19.2 // 17.6 // 16.0
	EER¹		9.41 // 9.07 // 8.73
Effective Aller Door 1 1/14 1/2 1/2	HSPF (IV)		11.0 // 10.4 // 9.8
Efficiency (Non-Ducted // Mix // Ducted)	COP at 47°F ²		3.5 // 3.37 // 3.25
	COP at 17°F at Maximum Capacity³		2.27 // 2.24 // 2.2
	COP at 5°F at Maximum Capacity⁴		2.12 // 2.14 // 2.17
	ENERGY STAR® Certified		No // No // No
	Electrical Power Requirements	Voltage, Phase, Frequency	208/230, 1, 60
	Guaranteed Voltage Range	V AC	187-253
	Voltage: Indoor - Outdoor, S1-S2	V AC	208/230
	Voltage: Indoor - Outdoor, S2-S3	V DC	24
Electrical	Short-circuit Current Rating (SCCR)	kA	5
	Recommended Fuse/Breaker Size	Α	25
	Recommended Wire Size	AWG	14
	Minimum Circuit Ampacity	A	23.1
	Maximum Overcurrent Protection	A	25
	Fan Motor Full Load Amperage	A	2.43
	Airflow Rate (Cooling / Heating)	CFM	2,287 / 2,382
	Refrigerant Control		LEV
	Defrost Method		Reverse Cycle
	Heat Exchanger Type		Plate fin coil
	Sound Pressure Level, Cooling ¹	dB(A)	54
	Sound Pressure Level, Heating ²	dB(A)	56
	Compressor Type		DC INVERTER-driven Twin Rotary
	Compressor Model		SNB220FQGMC
	Compressor Rated Load Amps	A	12
Outdoorunit	Compressor Locked Rotor Amps	A	13.7
Outdoor unit	Compressor Oil Type // Charge	OZ.	FV50S // 23.7
	Base Pan Heater		Optional
		W: In. [mm]	37-13/32 [950]
	Unit Dimensions	D: In. [mm]	13 [330]
		H: In. [mm]	31-11/32 [796]
		W: In. [mm]	40-15/16 [1,040]
	Package Dimensions	D: In. [mm]	17-11/16 [450]
		H: In. [mm]	40-11/16 [1,033]
	Unit Weight	Lbs.[kg]	139 [63]
	Package Weight	Lbs.[kg]	159 [72]
	Cooling Intake Air Temp (Maximum / Minimum*A)	°FDB	115 / 14
Outdoor unit operating temperature	Cooling Thermal Lock-out / Re-start Temperatures	°FDB	10.4 / 14
range	Heating Intake Air Temp (Maximum / Minimum)	°FWB	65 / 5
	Heating Thermal Lock-out / Re-start Temperatures	°FDB	1.4 / 5
	Charge	Lbs, oz	6.0, 13.0
Defrigarent		Ft. [m]	98.0 [30.0]
Retriderant			
Refrigerant	Chargeless Piping Length Additional Refrigerant Charge Per Additional Piping Length	oz./Ft. [g/m]	0.216 [20]

NOTES: AHRI Rated Conditions (Rated data is determined at a fixed compressor speed)

¹Cooling (Indoor // Outdoor) °F ²Heating at 47°F (Indoor // Outdoor) °F ³Heating at 17°F (Indoor // Outdoor) °F

80 DB, 67 WB // 95 DB, 75 WB 70 DB, 60 WB // 47 DB, 43 WB 70 DB, 60 WB // 17 DB, 15 WB

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

For actual capacity performance based on indoor unit type and number of indoor units connected, please refer to MXZ Operational Performance.

Although the maximum connectable capacity is 130%, the outdoor unit cannot provide more than 100% of the rated capacity. Please utilize this over capacity capability for load shedding or applications where it is known that all connected units will NOT be operating at the same time.

^{&#}x27;Applications should be restricted to comfort cooling only; equipment cooling applications are not recommended for low ambient temperature conditions. 'A 5°F DB - 115°F DB when optional wind baffles are installed

SPECIFICATIONS: MXZ-4C36NA3

	Maximum Number of Connected IDU	4	
Indoor unit connection	Minimum Number of Connected IDU	2	
mader unit connection	Minimum connected capacity	BTU/H	12,000
	Maximum connected capacity	BTU/H	42,000
Piping	Liquid Pipe Size O.D. (Flared)	In.[mm]	A,B,C,D: 1/4 [A,B,C,D: 6.35]
	Gas Pipe Size O.D. (Flared)	In.[mm]	A: 1/2; B,C,D: 3/8 [A: 12.72; B,C,D: 9.52]
	Total Piping Length	Ft. [m]	230 [70]
	Maximum Height Difference, ODU above IDU	Ft. [m]	49 [15]
	Maximum Height Difference, ODU below IDU	Ft. [m]	49 [15]
	Farthest Piping Length from ODU to IDU	Ft. [m]	82 [25]
Maximum Number of Bends for IDU		70	

NOTES: AHRI Rated Conditions (Rated data is determined at a fixed compressor speed)

¹Cooling (Indoor // Outdoor) °F ²Heating at 47°F (Indoor // Outdoor) °F ³Heating at 17°F (Indoor // Outdoor) °F

80 DB, 67 WB // 95 DB, 75 WB 70 DB, 60 WB // 47 DB, 43 WB 70 DB, 60 WB // 17 DB, 15 WB

4Heating at 5°F (Indoor // Outdoor)

°F 70 DB, 60 WB // 5 DB, 4 WB

For actual capacity performance based on indoor unit type and number of indoor units connected, please refer to MXZ Operational Performance.

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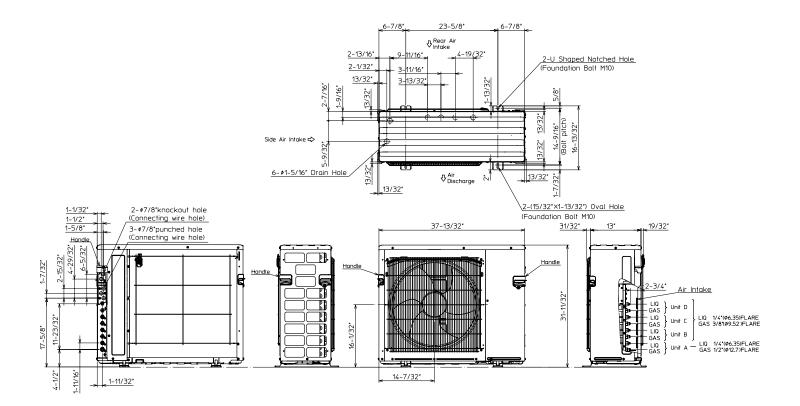
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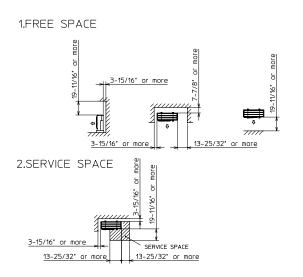
OUTDOOR UNIT ACCESSORIES: MXZ-4C36NA3

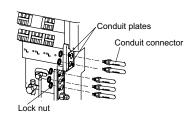
Ball Valve	Refrigeration Ball Valve - 1/2"	BV12FFSI2
	Refrigeration Ball Valve - 1/4"	BV14FFSI2
	Refrigeration Ball Valve - 3/8"	BV38FFSI2
	Refrigeration Ball Valve - 5/8"	BV58FFSI2
Control Wire	M-Net Control Wire, 1,000' Roll (16-AWG, Standard, Twisted Pair, Shielded, Jacketed- Plenum rated)	CW162S-1000
Control wile	M-Net Control Wire, 250' Roll (16-AWG, Standard, Twisted Pair, Shielded, Jacketed- Plenum rated)	CW162S-250
Drain Socket	Drain Socket	PAC-SG60DS-E
Hail Guards	Hail Guard	HG-A9
M-NET Converter	M-NET Converter	PAC-IF01MNT-E
	14 Gauge, 4 wire MiniSplit Cable—250 ft. roll	S144-250
	14 Gauge, 4 wire MiniSplit Cable—250 ft. roll	SW144-250
	14 Gauge, 4 wire MiniSplit Cable—50 ft. roll	S144-50
Adia: Outlin Nation	14 Gauge, 4 wire MiniSplit Cable—50 ft. roll	SW144-50
Mini-Split Wire	16 Gauge, 4 wire MiniSplit Cable—250 ft. roll	S164-250
	16 Gauge, 4 wire MiniSplit Cable—250 ft. roll	SW164-250
	16 Gauge, 4 wire MiniSplit Cable—50 ft. roll	S164-50
	16 Gauge, 4 wire MiniSplit Cable—50 ft. roll	SW164-50
	Condensing Unit Mounting Pad: 16" x 36" x 3"	ULTRILITE1
Mounting Pad	Outdoor Unit 3-1/4 inch Mounting Base (Pair) - Plastic	DSD-400P
Optional Defrost Heater	Optional Defrost Heater	PAC-645BH-E
	Adaptor: 1/2" x 3/8"	MAC-A455JP-E
	Adaptor: 1/2" x 5/8"	MAC-A456JP-E
Port Adapter	Adaptor: 3/8" x 1/2"	MAC-A454JP-E
	Adaptor: 3/8" x 5/8"	PAC-SG76RJ-E
Stand	18" Single Fan Stand	QSMS1801M
	24" Single Fan Stand	QSMS2401M
	Condenser Wall Bracket	QSWB2000M-1
	Condenser Wall Bracket - Stainless Steel Finish	QSWBSS
	Outdoor Unit Stand — 12" High	QSMS1201M

OUTDOOR UNIT DIMENSIONS: MXZ-4C36NA3

Unit: inch (mm)







1340 Satellite Boulevard Suwanee, GA 30024 Toll Free: 800-433-4822 www.mehvac.com





M-SERIES

SUBMITTAL DATA: SLZ-KF09NA

9,000 BTU/H CEILING-CASSETTE INDOOR UNIT FOR MULTI-ZONE HEAT PUMP SYSTEMS



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-KF09NA

Cooling Capacity ^{1,}	3	Btu/h	9,000
Heating Capacity ^{2, 3}		Btu/h	11,000
Voltage, Phase, Frequency			208/230V, 1 phase, 60Hz
	Guaranteed Voltage Range	V AC	187-253
Electrical	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	0.25
Fan Motor Full Loa	d Amperage	A	0.20
Fan Motor Output		W	50
Airflow Rate at Coo	oling, Dry	CFM	300-265-230
Airflow Rate at Coo	oling, Wet	CFM	270-239-207
Airflow Rate at Hea	ating, Dry	CFM	335-265-230
Sound Pressure Le	evel (Cooling) ¹	dB(A)	31-28-25
Sound Pressure Le	evel (Heating) ²	dB(A)	31-28-25
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 Ty	/ре		Plate fin coil
External Finish Col	lor		Munsell 1.0Y 9.2/0.2
		W: In. (mm)	22-7/16 (570)
Unit Dimensions		D: In. (mm)	22-7/16 (570)
		H: In. (mm)	9-21/32 (245)
		W: In. (mm)	24-13/32 (620)
Package Unit Dime	ensions	D: In. (mm)	27-15/16 (710)
		H: In. (mm)	9-7/16 (240)
Unit Weight		Lbs. (kg)	31 (13.9)
Package Unit Weig	pht	Lbs. (kg)	37 (17)
Refrigerant	Туре		R410A
nemyeralit	Charge	Lbs, oz	2, 5
Dining	Gas Pipe Size O.D. (Flared)	In.(mm)	3/8 (9.52)
Piping	Liquid Pipe Size O.D. (Flared)	In.(mm)	1/4 (6.35)

Notes:

Nominal Conditions	¹ Cooling (Indoor // Outdoor)	°F	80 DB, 67 WB // 95 DB, 75 WB
	² Heating at 47°F (Indoor // Outdoor)	°F 70 DB, 60 WB // 47 DB, 43 WB	
3Conscitutories based on the number of indeer units engrating and the model of the Multi-zero Outdoor Unit. For reference to connected agreeity			

³Capacity 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.

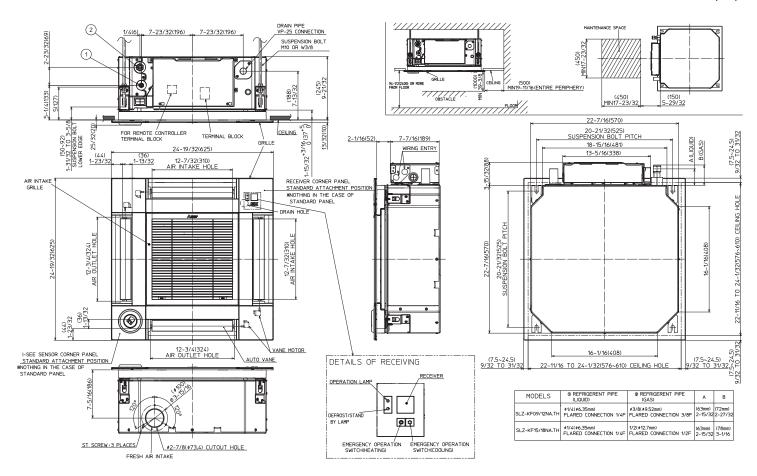
ACCESSORIES: SLZ-KF09NA

Wireless Signal Receiver	□ PAR-FA32MA-W
Wireless Signal Receiver	□ PAR-FA32MA-E
Wireless Remote Receiver Panel	□ PAR-SF9FA-E
Wireless Remote Controller	□ PAR-SL100A-E
Backlit, Wall-mounted, Wireless Controller	□ MHK1
Portable Central Controller	□ MCCH1
Wired MA Controller	□ PAR-33MAA
Simple MA Controller	□ PAC-YT53CRAU
Touch MA Controller	□ PAR-CT01MAU-SB
Wired Remote Sensor	□ PAC-SE41TS-E
Wireless Temperature and Humidity Sensor	□ PAC-USWHS003-TH-1
Outside Air Sensor for MHK1	□ MOS1
Flush Mount Remote Temperature Sensor	□ PAC-USSEN001-FM-1
System Control Interface	□ MAC-333IF-E
Wireless Interface	□ PAC-USWHS002-WF-1
Thermostat Interface	□ PAC-US444CN-1
kumo station®	□ PAC-WHS01HC-E
USNAP Interface	□ PAC-WHS01UP-E
IT Extender	□ PAC-WHS01IE-E
BACnet® and MODBUS® Interface	□ PAC-UKPRC001-CN-1
External Fan / Heater Control Relay Adapter	□ CN24RELAY-KIT-CM3
Wire for Remote on/off with CN32 connector	□ PAC-715AD
Connector and wire for Operation status/error using CN51	□ PAC-725AD
Connector cable for remote display	□ PAC-SA88HA-EP
Connector for CN32 (remote on/off)	□ PAC-SE55RA-E
Remote Operation Adapter ¹	□ PAC-SF40RM-E
Grille (required)	□ SLP-18FAU
3D i-see Sensor™ Corner Panel	□ PAC-SF1ME-E
Grille with 3D i-see Sensor™	□ SLP-18FAEU
Blue Diamond Sensor Extension Cable — 15 Ft.	□ C13-103
Blue Diamond Alarm Extension Cable — 6.5 Ft.	□ C13-192
Blue Diamond MultiTank — collection tank for use with multiple pumps	□ C21-014
Blue Diamond Rubber Foot Pads	□ F10-010
Mini Condensate Pump — 230 volt application	□ SI30-230
MegaBlue Advanced Blue Diamond Condensate Pump w/ Reservoir & Sensor	□ X87-835 - 110 to 250V
Advanced Blue Diamond Mini Condensate Pump w/ Reservoir & Sensor (208/230V) [recommended]	□ X87-721 - 208/230V
Drain Pan Level Sensor	□ DPLS2
(30A/600V/UL) [fits 2" X 4" utility box] - Black	□ TAZ-MS303
(30A/600V/UL) [fits 2" X 4" utility box] - White	□ TAZ-MS303W
1 Unable to use with wireless remote controller	I

¹ Unable to use with wireless remote controller

DIMENSIONS: SLZ-KF09NA

Unit: inch (mm)





1340 Satellite Boulevard, Suwanee, GA 30024 Toll Free: 800-433-4822 www.mehvac.com





FORM# SLZ-KF09NA FOR MULTI-ZONE HEAT PUMP SYSTEMS - 201901

M-SERIES

SUBMITTAL DATA: SLZ-KF12NA

12,000 BTU/H CEILING-CASSETTE INDOOR UNIT FOR MULTI-ZONE HEAT PUMP SYSTEMS



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 ^{1, 3}		Btu/h	12,000
Heating Capacity ^{2, 3}		Btu/h	13,000
Voltage, Phase, Frequency			208/230V, 1 phase, 60Hz
	Guaranteed Voltage Range	V AC	187-253
Electrical	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	l Amperage	A	0.24
Fan Motor Output		W	50
Airflow Rate at Cool	ling, Dry	CFM	335-265-230
Airflow Rate at Cool	ling, Wet	CFM	302-252-207
Airflow Rate at Heat	ting, Dry	CFM	335-265-230
Sound Pressure Lev	vel (Cooling) ¹	dB(A)	34-30-25
Sound Pressure Lev	vel (Heating) ²	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 Typ	pe		Plate fin coil
External Finish Color		Munsell 1.0Y 9.2/0.2	
		W: In. (mm)	22-7/16 (570)
Unit Dimensions		D: In. (mm)	22-7/16 (570)
		H: In. (mm)	9-21/32 (245)
		W: In. (mm)	24-13/32 (620)
Package Unit Dimer	nsions	D: In. (mm)	27-15/16 (710)
		H: In. (mm)	9-7/16 (240)
Unit Weight		Lbs. (kg)	31 (13.9)
Package Unit Weigh	nt	Lbs. (kg)	37 (17)
Refrigerant	Туре		R410A
rvenigerall	Charge	Lbs, oz	2, 9
Pining	Gas Pipe Size O.D. (Flared)	In.(mm)	3/8 (9.52)
Piping	Liquid Pipe Size O.D. (Flared)	In.(mm)	1/4 (6.35)

Notes:

Nominal Conditions	¹ Cooling (Indoor // Outdoor)	°F	80 DB, 67 WB // 95 DB, 75 WB
	² Heating at 47°F (Indoor // Outdoor)	°F 70 DB, 60 WB // 47 DB, 43 WB	
3Congests useries based on the number of indeer units exercting and the model of the Multi-zero Outdoor Unit-For reference to connected agreeity.			

³Capacity 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.

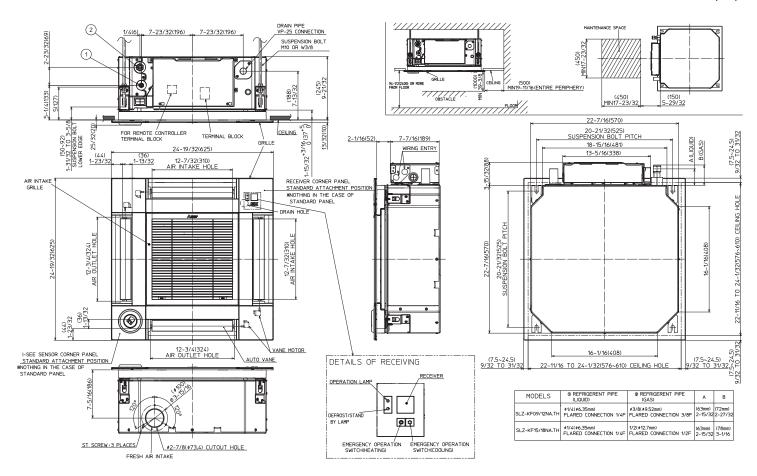
ACCESSORIES: SLZ-KF12NA

Wireless Signal Receiver	□ PAR-FA32MA-W
Wireless Signal Receiver	□ PAR-FA32MA-E
Wireless Remote Receiver Panel	□ PAR-SF9FA-E
Wireless Remote Controller	□ PAR-SL100A-E
Backlit, Wall-mounted, Wireless Controller	□ MHK1
Portable Central Controller	□ MCCH1
Wired MA Controller	□ PAR-33MAA
Simple MA Controller	□ PAC-YT53CRAU
Touch MA Controller	□ PAR-CT01MAU-SB
Wired Remote Sensor	□ PAC-SE41TS-E
Wireless Temperature and Humidity Sensor	□ PAC-USWHS003-TH-1
Outside Air Sensor for MHK1	□ MOS1
Flush Mount Remote Temperature Sensor	□ PAC-USSEN001-FM-1
System Control Interface	□ MAC-333IF-E
Wireless Interface	□ PAC-USWHS002-WF-1
Thermostat Interface	□ PAC-US444CN-1
kumo station®	□ PAC-WHS01HC-E
USNAP Interface	□ PAC-WHS01UP-E
IT Extender	□ PAC-WHS01IE-E
BACnet® and MODBUS® Interface	□ PAC-UKPRC001-CN-1
External Fan / Heater Control Relay Adapter	□ CN24RELAY-KIT-CM3
Wire for Remote on/off with CN32 connector	□ PAC-715AD
Connector and wire for Operation status/error using CN51	□ PAC-725AD
Connector cable for remote display	□ PAC-SA88HA-EP
Connector for CN32 (remote on/off)	□ PAC-SE55RA-E
Remote Operation Adapter ¹	□ PAC-SF40RM-E
Grille (required)	□ SLP-18FAU
3D i-see Sensor™ Corner Panel	□ PAC-SF1ME-E
Grille with 3D i-see Sensor™	□ SLP-18FAEU
Blue Diamond Sensor Extension Cable — 15 Ft.	□ C13-103
Blue Diamond Alarm Extension Cable — 6.5 Ft.	□ C13-192
Blue Diamond MultiTank — collection tank for use with multiple pumps	□ C21-014
Blue Diamond Rubber Foot Pads	□ F10-010
Mini Condensate Pump — 230 volt application	□ SI30-230
MegaBlue Advanced Blue Diamond Condensate Pump w/ Reservoir & Sensor	□ X87-835 - 110 to 250V
Advanced Blue Diamond Mini Condensate Pump w/ Reservoir & Sensor (208/230V) [recommended]	□ X87-721 - 208/230V
Drain Pan Level Sensor	□ DPLS2
(30A/600V/UL) [fits 2" X 4" utility box] - Black	□ TAZ-MS303
(30A/600V/UL) [fits 2" X 4" utility box] - White	□ TAZ-MS303W

¹ Unable to use with wireless remote controller

DIMENSIONS: SLZ-KF12NA

Unit: inch (mm)





1340 Satellite Boulevard, Suwanee, GA 30024 Toll Free: 800-433-4822 www.mehvac.com





FORM# SLZ-KF12NA FOR MXZ-C MULTI-ZONE HEAT-PUMP SYSTEMS - 201901

M-SERIES

SUBMITTAL DATA: SLZ-KF15NA

15,000 BTU/H CEILING-CASSETTE INDOOR UNIT FOR MULTI-ZONE HEAT PUMP SYSTEMS



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 $^{\tiny{\circledR}}$ smart device app for remote access
 - Third-party interface options
 - Wired or wireless controllers
- · Long-life air filter included
- Individual vane control

SPECIFICATIONS: SLZ-KF15NA

Cooling Capacity ^{1, 3}		Btu/h	14,100
Heating Capacity ^{2, 3}		Btu/h	18,000
	Voltage, Phase, Frequency		208/230V, 1 phase, 60Hz
Electrical	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	0.40
Fan Motor Full Load Amperage		A	0.32
Fan Motor Output		W	50
Airflow Rate at Cooling, Dry		CFM	405-315-245
Airflow Rate at Cooling, Wet		CFM	365-284-221
Airflow Rate at Hea	ating, Dry	CFM	405-315-245
Sound Pressure Le	evel (Cooling) ¹	dB(A)	39-34-27
Sound Pressure Level (Heating) ²		dB(A)	39-34-27
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)
		nit Dimensions D: In. (mm)	
		H: In. (mm)	9-7/16 (240)
Unit Weight		Lbs. (kg)	31 (13.9)
Package Unit Weight		Lbs. (kg)	37 (17)
Refrigerant	Туре	,	R410A
	Charge	Lbs, oz	2, 9
Piping	Gas Pipe Size O.D. (Flared)	In.(mm)	1/2 (12.7)
	Liquid Pipe Size O.D. (Flared)	In.(mm)	1/4 (6.35)

Notes:

Nominal Conditions	¹ Cooling (Indoor // Outdoor)	°F	80 DB, 67 WB // 95 DB, 75 WB		
	² Heating at 47°F (Indoor // Outdoor)	°F	70 DB, 60 WB // 47 DB, 43 WB		
3Consoity varies been an the number of index units exercise and the model of the Multi-zero Outdoor Unit. For reference to connected expective					

³Capacity 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.

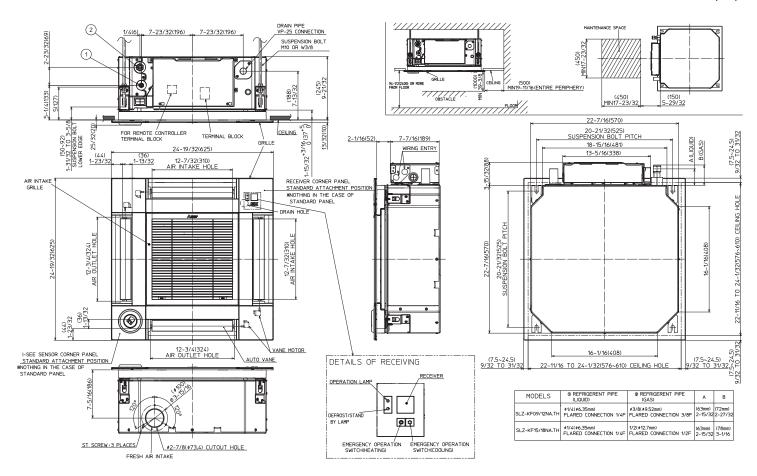
ACCESSORIES: SLZ-KF15NA

Wireless Signal Receiver	□ PAR-FA32MA-W
Wireless Signal Receiver	□ PAR-FA32MA-E
Wireless Remote Receiver Panel	□ PAR-SF9FA-E
Wireless Remote Controller	□ PAR-SL100A-E
Backlit, Wall-mounted, Wireless Controller	□ MHK1
Portable Central Controller	□ MCCH1
Wired MA Controller	□ PAR-33MAA
Simple MA Controller	□ PAC-YT53CRAU
Touch MA Controller	□ PAR-CT01MAU-SB
Wired Remote Sensor	□ PAC-SE41TS-E
Wireless Temperature and Humidity Sensor	□ PAC-USWHS003-TH-1
Outside Air Sensor for MHK1	□ MOS1
Flush Mount Remote Temperature Sensor	□ PAC-USSEN001-FM-1
System Control Interface	□ MAC-333IF-E
Wireless Interface	□ PAC-USWHS002-WF-1
Thermostat Interface	□ PAC-US444CN-1
kumo station®	□ PAC-WHS01HC-E
USNAP Interface	□ PAC-WHS01UP-E
IT Extender	□ PAC-WHS01IE-E
BACnet® and MODBUS® Interface	□ PAC-UKPRC001-CN-1
External Fan / Heater Control Relay Adapter	□ CN24RELAY-KIT-CM3
Wire for Remote on/off with CN32 connector	□ PAC-715AD
Connector and wire for Operation status/error using CN51	□ PAC-725AD
Connector cable for remote display	□ PAC-SA88HA-EP
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DIMENSIONS: SLZ-KF15NA

Unit: inch (mm)





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FORM# SLZ-KF15NA FOR MULTI-ZONE HEAT PUMP SYSTEMS - 201901