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



Job Name:

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
Cooling ¹ (Non-Ducted // Mix // Ducted)	Minimum Capacity	BTU/H	11,700 // 11,500 // 11,300
coming (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	36,000 // 35,200 // 34,400
eating at 47°F ² (Non-Ducted // Mix //	Minimum Capacity	BTU/H	18,300 // 18,800 // 19,300
ucted)	Maximum Power Input	W	4,020 // 4,020 // 4,020
	Rated Power Input	W	3,020 // 3,060 // 3,100
	Power Factor (208V, 230V)	%	98.7, 98.7 // 98.8, 98.8 // 98.8, 98.8
	Maximum Capacity	BTU/H	26,600 // 26,600 // 26,600
eating at 17°F ³ (Non-Ducted // Mix //	Rated Capacity	BTU/H	22,400 // 22,400 // 22,400
ucted)	Maximum Power Input	W	3,440 // 3,490 // 3,540
	Rated Power Input	W	2,300 // 2,470 // 2,640
eating at 5°F ⁴ (Non-Ducted // Mix //	Maximum Capacity	BTU/H	24,000 // 24,000 // 24,000
ucted)	Maximum Power Input	W	3,320 // 3,280 // 3,240
	SEER		19.2 // 17.6 // 16.0
	EER ¹		9.41 // 9.07 // 8.73
	HSPF (IV)		11.0 // 10.4 // 9.8
ficiency (Non-Ducted // Mix // Ducted)	COP at 47°F ²		3.5 // 3.37 // 3.25
	COP at 17°F at Maximum Capacity ³	W % BTU/H BTU/H BTU/H W BTU/H BTU/H W % BTU/H BTU/H W W BTU/H BTU/H BTU/H W BTU/H W W W BTU/H W W W W W Voltage, Phase, Frequency Pace VAC VAC VAC VAC VAC VAC AA A W: In. [mm] A AA A W: In. [mm] Lbs.[kg] Us.lkg] Lbs.[kg] CFDB °FDB	2.27 // 2.24 // 2.2
	COP at 5°F at Maximum Capacity ⁴		2.12 // 2.14 // 2.17
	ENERGY STAR® Certified		No // No // No
	Electrical Power Requirements		208/230, 1, 60
	Guaranteed Voltage Range	BTU/H W W W % BTU/H BTU/H W W W W W W W W W W W W W W W W N W N W N W N W N V0/H N V N V N Voltage, Phase, Frequency N VAC V VAC V VAC V VAC V KA A A A A A A A A A A A A A A A A A CFM X A A <td>187-253</td>	187-253
	Voltage: Indoor - Outdoor, S1-S2		208/230
	Voltage: Indoor - Outdoor, S2-S3	V DC	24
ectrical	Short-circuit Current Rating (SCCR)	kA	5
	Recommended Fuse/Breaker Size	А	25
	Recommended Wire Size	AWG	14
Incal	Minimum Circuit Ampacity	A	23.1
	Maximum Overcurrent Protection		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		56
	Compressor Type		DC INVERTER-driven Twin Rotary
	Compressor Model		SNB220FQGMC
	Compressor Rated Load Amps	Α	12
	Compressor Locked Rotor Amps		13.7
utdoor unit	Compressor Oil Type // Charge		FV50S // 23.7
	Base Pan Heater		Optional
		W: In. [mm]	37-13/32 [950]
	Unit Dimensions		13 [330]
			31-11/32 [796]
			40-15/16 [1,040]
	Package Dimensions		17-11/16 [450]
	r aurage Dimensions		40-11/16 [1,033]
	Unit Weight		• • •
	Onit Weight Package Weight		139 [63]
	0 0		159 [72]
	Cooling Intake Air Temp (Maximum / Minimum ^{*A})		115 / 14
it door unit opproting townships	Cooling Thermal Lock-out / Re-start Temperatures		10.4 / 14
	Heating Intake Air Temp (Maximum / Minimum)		65 / 5
		°FDB	1.4 / 5
	Heating Thermal Lock-out / Re-start Temperatures	L h a	
inge	Charge	Lbs, oz	6.0, 13.0
utdoor unit operating temperature ange tefrigerant		Lbs, oz Ft. [m] oz./Ft. [g/m]	6.0, 13.0 98.0 [30.0] 0.216 [20]

 $^4\text{Heating}$ at 5°F (Indoor // Outdoor) $^\circ\text{F}$ $^\circ$ 70 DB, 60 WB // 5 DB, 4 WB

*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

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.

Conditions

SPECIFICATIONS: MXZ-4C36NA3

	Maximum Nur	Maximum Number of Connected IDU		4	
Indoor unit connection	Minimum Num	ber of Connected IDU			2
	Minimum conr	ected capacity		BTU/H	12,000
	Maximum con	nected capacity		BTU/H	42,000
Piping	Liquid Pipe Si	ze 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 Le	ngth		Ft. [m]	230 [70]
	Maximum Hei	ght Difference, ODU above IDU		Ft. [m]	49 [15]
	Maximum Hei	ght Difference, ODU below IDU		Ft. [m]	49 [15]
	Farthest Pipin	g Length from ODU to IDU		Ft. [m]	82 [25]
	Maximum Nur	nber of Bends for IDU			70
NOTES: AHRI Rated Conditions (Rated data is determined at a fix	ed compressor speed)	¹ Cooling (Indoor // Outdoor) ² Heating at 47°F (Indoor // Outdoor) ³ Heating at 17°F (Indoor // Outdoor)	°F °F °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) Applications should be restricted to comfort cooling only; equipment cooling applications are not recommended for low ambient temperature conditions. ^ 5°F DB - 115°F DB when optional wind baffles are installed

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.

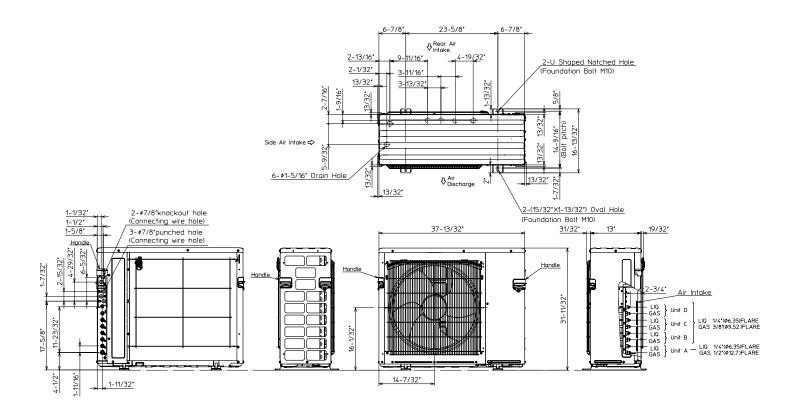
°F 70 DB, 60 WB // 5 DB, 4 WB

OUTDOOR UNIT ACCESSORIES: MXZ-4C36NA3

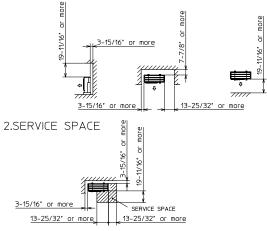
Ball Valve	Refrigeration Ball Valve - 1/2"	BV12FFSI2
	Refrigeration Ball Valve - 1/4"	BV14FFSI2
	Refrigeration Ball Valve - 3/8"	BV38FFSI2
	Refrigeration Ball Valve - 5/8"	BV58FFSI2
Control Wire	M-Net Control Wire, 1,000' Roll (16-AWG, Standard, Twisted Pair, Shielded, Jacketed- Plenum rated)	CW162S-1000
	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
	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
Mounting Pad	Condensing Unit Mounting Pad: 16" x 36" x 3"	ULTRILITE1
	Outdoor Unit 3-1/4 inch Mounting Base (Pair) - Plastic	DSD-400P
Optional Defrost Heater	Optional Defrost Heater	PAC-645BH-E
Port Adapter	Adaptor: 1/2" x 3/8"	MAC-A455JP-E
	Adaptor: 1/2" x 5/8"	MAC-A456JP-E
	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

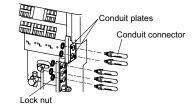
OUTDOOR UNIT DIMENSIONS: MXZ-4C36NA3

Unit: inch (mm)



1.FREE SPACE





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



FORM# MXZ-4C36NA3 - 202206

MSZ-GS15NA 15,000 BTU/H WALL-MOUNTED INDOOR UNIT



Job Name:

System Reference:



Date:

GENERAL FEATURES

- · Slim wall-mounted indoor units provide zone comfort control
- Dual Barrier Coating applied to the heat exchanger, vanes and fan to prevent hydrophilic and hydrophobic dirt build-up
- · Optional Microparticle Filter designed to capture PM2.5
- The outdoor unit powers the indoor unit, and should a power outage occur, the system is automatically restarted when power returns
- Quiet operation
- Smart Set: recalls a preferred preset temperature setting at the touch of a button
- · Built-in backup/auxiliary heater control available
- Multiple fan speed options: Quiet, Low, Medium, High, Super-high, Auto
- Multiple control options available:
 - o Back-lit screen handheld remote controller (provided with the unit)
 - kumo cloud[®] smart device app for remote access
 - Third-party interface options
 - $\circ~$ Wired or wireless controllers

Specifications		System	
	Unit Type		MSZ-GS15NA
boling Capacity ^{1,3} BTU/H		14,000	
eating Capacity ^{2, 3}		BTU/H	
	Voltage, Phase, Frequency		208/230, 1, 60
lectrical	Guaranteed Voltage Range	V AC	187 - 253
	Voltage: Indoor - Outdoor, S1-S2	V AC	208/230
	Voltage: Indoor - Outdoor, S2-S3	V DC	24
	Short-circuit Current Rating [SCCR]		5
	MCA	A	1.0
	Fan Motor Full Load Amperage	A	0.5
	Fan Motor Output	W	30
	Airflow Rate at Cooling, Dry	CFM	191–231–316–400–504
	Airflow Rate at Cooling, Wet	CFM	172-228-285-360-454
	Airflow Rate at Heating, Dry	CFM	191–231–285–348–437
	Sound Pressure Level [Cooling]	dB[A]	26-32-38-44-49
door Unit	Sound Pressure Level [Heating]	dB[A]	26-30-35-40-46
	Drain Pipe Size	In. [mm]	5/8 [15.88]
	Coating on Heat Exchanger	Dual Barrier Coating	
	External Finish Color	Munsell 1.0Y 9.2/0.2	
	Unit Dimensions	W x D x H: In. [mm]	31-7/16 x 9-1/8 x 11-5/8 [798 x 232 x 295
	Package Dimensions	W x D x H: In. [mm]	33-1/2 x 12 x 14 [850 x 300 x 350]
	Unit Weight	Lbs. [kg]	23 [10.4]
	Package Weight	Lbs. [kg]	26 [11.5]
efrigerant	Туре		R410A
ning	Gas Pipe Size O.D. [Flared]	In.[mm]	1/2 [12.70]
ping	Liquid Pipe Size O.D. [Flared]	In.[mm]	1/4 [6.35]

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.

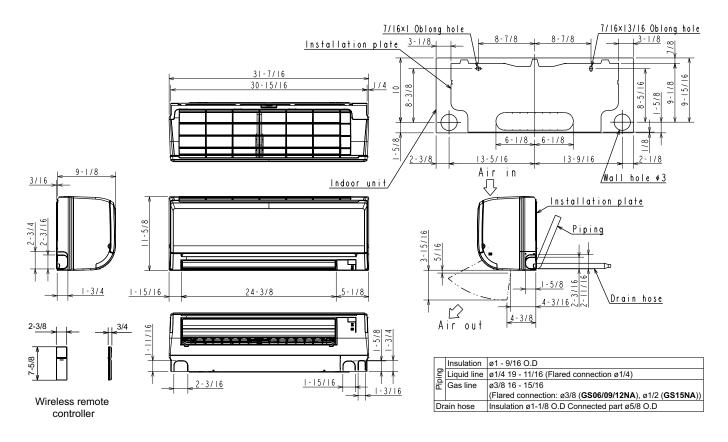
INDOOR UNIT ACCESSORIES: MSZ-GS15NA

	BACnet [®] and Modbus [®] Interface	PAC-UKPRC001-CN-1
	CN24 Relay Kit	CN24RELAY-KIT-CM3
	IT Extender	PAC-WHS01IE-E
Control Interface	kumo station® for kumo cloud®	PAC-WHS01HC-E
Control Interface	System Control Interface	MAC-334IF-E
	Thermostat Interface	PAC-US444CN-1
	USNAP Adapter	PAC-WHS01UP-E
	Wireless Interface for kumo cloud®	PAC-USWHS002-WF-2
Remote Sensor	Wired Remote Sensor	M21EAA307
	Wireless temperature and humitity sensor for kumo cloud®	PAC-USWHS003-TH-1
	Deluxe Wired MA Remote Controller [†]	PAR-40MAAU
	Simple Ductless Wired Remote Controller	PAC-SDW01RC-1
Wired Remote Controller	Simple MA Remote Controller [†]	PAC-YT53CRAU-J
	Touch MA Controller [†]	PAR-CT01MAU-SB
Wireless Remote Controller	kumo touch [™] RedLINK [™] Wireless Controller	MHK2
Wireless Remote Controller	Lockdown bracket for remote controller	RCMKP1CB
	Blue Diamond (Advanced) Mini Condensate Pump w/ Reservoir & Sensor (208/230V) [recommended]	X87-721
	Blue Diamond (MegaBlue Advanced) Condensate Pump w/ Reservoir & Sensor	X87-835
	Blue Diamond Alarm Extension Cable—6.5 Ft.	C13-192
Condensate	Blue Diamond MultiTank — collection tank for use with multiple pumps	C21-014
Condensate	Blue Diamond Sensor Extension Cable — 15 Ft.	C13-103
	Drain Pan Level Sensor/Control	SS610E
	Fascia Kit for MicroBlue Pump, mounts the MicroBlue and sensor directly beneath indoor unit	T18-016
	Sauermann Condensate Pump	SI30-230
Disconnect Switch	(30A/600V/UL) [fits 2" X 4" utility box] - Black	TAZ-MS303
	(30A/600V/UL) [fits 2" X 4" utility box] - White	TAZ-MS303W
Filter	Anti-allergy Enzyme Filter	MAC-408FT-E
Filter	Microparticle (PM2.5) Filter	MAC-EMF515FT-E

NOTES: [†]Requires MAC-334IF-E • M-Series EZ FIT[®] Recessed Ceiling Cassette, Floor-mount and Wall-mount Allows indoor units to connect to an MA Controller: Deluxe MA Remote Controller Simple MA Controller Touch MA Controller

INDOOR UNIT DIMENSIONS: MSZ-GS15NA

Unit: inch



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



FORM# MSZ-GS15NA-U1 - 202304