# MODEL: PAC-MKA30BC, PAC-MKA31BC, PAC-MKA32BC PAC-MKA50BC, PAC-MKA51BC, AND PAC-MKA52BC BRANCH BOX



Job Name:

System Reference: Date:





#### DECRIPTIONS

• The PAC-MKA32/52 have a thermal differential from set point of 1F regardless of which MXZ outdoor unit generation they are connected to.

#### **SPECIFICATIONS**

Model Name				PAC-MKA50BC PAC-MKA51BC PAC-MKA52BC	PAC-MKA30BC PAC-MKA31BC PAC-MKA32BC	
Connectable nun	nber of indoor units			Maximum 5	Maximum 3	
Power supply				Single phase, 20	8/230 V, 60 Hz	
Input			kW	0.00	03	
Running current			A	0.09	5	
External finish				Galvanize	ed steel	
	Width Inc		Inch (mm)	17-23/32 (450)		
Dimensions	Depth		Inch (mm)	11-1/32 (280)		
	Height		Inch (mm)	6-11/16 (170)		
	Width		Inch (mm)	20.1 (511)		
Package Dimensions	Depth		Inch (mm)	24.4 (620)		
	Height		Inch (mm)	8.3 (211)		
Weight			lb (kg)	23.4 (10.6)	21.8 (9.9)	
	Branch	Liquid	Inch (mm)	ø1/4 (6.35) x 5 {A,B,C,D,E}	ø1/4 (6.35 x 3 {A,B,C}	
Piping Connection	(indoor side)*	Gas	Inch (mm)	ø3/8 (9.52) x 4 {A,B,C,D}, ø1/2 (12.7) x 1{E}	ø3/8 (9.52) x 3 {A,B,C}	
(Flare)	Main	Liquid	Inch (mm)	ø3/8 (9	0.52)	
	(outdoor side)		Inch (mm)	ø5/8 (15.88)		

<sup>\*</sup>The piping connection size differs according to the type of and capacity of indoor units. Match the piping connection size for indoor and branch box. If the piping connection size of the branch does not match the piping connection size of the indoor units, use optional different-diameter (deformed) joints to the branch box side. (Connect deformed joint directly to the branch box side.)

#### **ACCESSORIES**

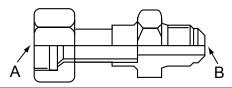
BBE-1	Branch Box Enclosure
MAC-A454JP-E	Port Adapter
MAC-A455JP-E	Port Adapter
MAC-A456JP-E	Port Adapter
PAC-493PI	Port Adapter
PAC-SG76RJ-E	Port Adapter
ADP5834	Port Adapter
MSDD-50AR-D	Flare connection distribution pipe
MSDD-50BR-E	Brazed connection distribution pipe

#### NOTES:

For the MXZ-8C60 outdoor unit:

- When connecting the outdoor unit to the branch box directly, the reduction in pipe size must be made at the branch box using the port adaptor: ADP5834 (5/8"F x 3/4"M).
- When connecting the outdoor unit to the distribution pipe (MSDD-50AR-D, for using 2 branch boxes), the reduction in pipe size must be made at the distribution pipe using the port adaptor: ADP5834 (5/8"F x 3/4"M).

#### OPTIONAL PORT ADAPTORS



Model name	Connected pipes diameter	Diameter A	Diameter B
woder name	Inch, mm	Inch, mm Inch, mm	
MAC-A454JP-E	3/8, ø9.52 → 1/2, ø12.7	3/8, ø9.52	1/2, ø12.7
MAC-A455JP-E	1/2, ø12.7 → 3/8, ø9.52	1/2, ø12.7	3/8, ø9.52
MAC-A456JP-E	1/2, ø12.7 → 5/8, ø15.88	1/2, ø12.7	5/8, ø15.88
PAC-493PI	1/4, ø6.35 → 3/8, ø9.52	1/4, ø6.35	3/8, ø9.52
PAC-SG76RJ-E	3/8, ø9.52 → 5/8, ø15.88	3/8, ø9.52	5/8, ø15.88
ADP5834	5/8, ø15.88 → 3/4, ø19.05	5/8, ø15.88	3/4, ø19.05

## DIMENSIONS: PAC-MKA30BC, PAC-MKA31BC, AND PAC-MKA32BC

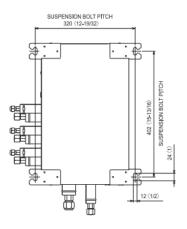
#### PAC-MKA30BC, PAC-MKA31BC, AND PAC-MKA32BC (3-BRANCHES TYPE)

Suspension bolt: W3/8 (M10) Refrigerant pipe flared connection

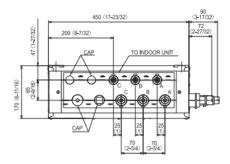
inch, mm

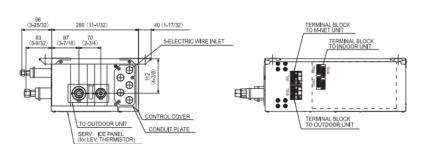
			To outdoor unit		
		Α	В	С	TO OULGOOF UTIL
Liqu	iid pipe	1/4, ø6.35	1/4, ø6.35	1/4, ø6.35	3/8, ø9.52
Gas	pipe	3/8, ø9.52	3/8, ø9.52	3/8, ø9.52	5/8, ø15.88

Conversion formula		
3/8F	ø9.52	
5/8F	ø15.88	



Unit: mm (inch)





### DIMENSIONS: PAC-MKA50BC, PAC-MKA51BC, AND PAC-MKA52BC

SUSPENSION BOLT PITCH 320 (12-19/32)

#### PAC-MKA50BC, PAC-MKA51BC, AND PAC-MKA52BC (5-BRANCHES TYPE)

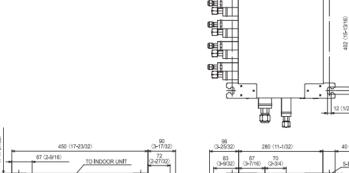
Suspension bolt: W3/8 (M10) Refrigerant pipe flared connection

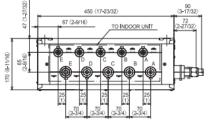
	To indoor unit					To outdoor unit
	А	В	С	D		TO OULGOOF UTIL
Liquid pipe	1/4, ø6.35	1/4, ø6.35	1/4, ø6.35	1/4, ø6.35	1/4, ø6.35	3/8, ø9.52
Gas pipe	3/8, ø9.52	3/8, ø9.52	3/8, ø9.52	3/8, ø9.52	1/2, ø12.7	5/8, ø15.88

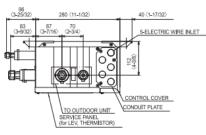
Convers	ion formula
1/4F	ø6.35
3/8F	ø9.52
1/2F	ø12.7
5/8F	ø15.88
3/4F	ø19.05

inch, mm

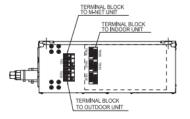
Unit: mm (inch)







SUSPENSION BOLT PITCH



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

### MSZ-GS12NA 12,000 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)
  - o kumo cloud® smart device app for remote access
  - o Third-party interface options
  - o Wired or wireless controllers

	System		
	Unit Type		MSZ-GS12NA
Cooling Capacity <sup>1, 3</sup> BTU/H		12,000	
Heating Capacity <sup>2, 3</sup>		BTU/H	14,400
	Voltage, Phase, Frequency		208/230, 1, 60
	Voltage, Phase, Frequency Guaranteed Voltage Range Voltage: Indoor - Outdoor, S1-S2 Voltage: Indoor - Outdoor, S2-S3 Short-circuit Current Rating [SCCR] MCA Fan Motor Full Load Amperage Fan Motor Output Airflow Rate at Cooling, Dry Airflow Rate at Cooling, Dry Airflow Rate at Cooling, Wet Airflow Rate at Heating, Dry Sound Pressure Level [Cooling] Sound Pressure Level [Heating] Drain Pipe Size Coating on Heat Exchanger External Finish Color Unit Dimensions W Package Dimensions Unit Weight Package Weight Type Gas Pipe Size O.D. [Flared]	V AC	187 - 253
Electrical		V AC	208/230
	Voltage: Indoor - Outdoor, S2-S3	V DC	24
	Short-circuit Current Rating [SCCR]	kA	5
	MCA	A	1.0
	Guaranteed Voltage Range  Voltage: Indoor - Outdoor, S1-S2  Voltage: Indoor - Outdoor, S2-S3  Short-circuit Current Rating [SCCR]  MCA  Fan Motor Full Load Amperage  Fan Motor Output  Airflow Rate at Cooling, Dry  Airflow Rate at Cooling, Wet  Airflow Rate at Heating, Dry  Sound Pressure Level [Cooling]  Sound Pressure Level [Heating]  Drain Pipe Size  Coating on Heat Exchanger  External Finish Color  Unit Dimensions	A	0.5
	Fan Motor Output	W	30
	Airflow Rate at Cooling, Dry	CFM	134-160-222-307-381
	Airflow Rate at Cooling, Wet	CFM	121-144-200-276-343
	Airflow Rate at Heating, Dry	CFM	134-160-222-307-390
	Sound Pressure Level [Cooling]	dB[A]	19-22-30-37-45
Indoor Unit	Sound Pressure Level [Heating]	dB[A]	19-22-30-37-43
	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]
Refrigerant	Туре		R410A
Piping	Gas Pipe Size O.D. [Flared]	In.[mm]	3/8 [9.52]
Fibility	Voltage, Phase, Frequency Guaranteed Voltage Range Voltage: Indoor - Outdoor, S1-S2 Voltage: Indoor - Outdoor, S2-S3 Short-circuit Current Rating [SCCR] MCA Fan Motor Full Load Amperage Fan Motor Output Airflow Rate at Cooling, Dry Airflow Rate at Cooling, Wet Airflow Rate at Heating, Dry Sound Pressure Level [Cooling] Sound Pressure Level [Heating] Drain Pipe Size Coating on Heat Exchanger External Finish Color Unit Dimensions Package Dimensions Unit Weight Package Weight Type	In.[mm]	1/4 [6.35]

NOTES: Conditions

<sup>1</sup>Cooling (Indoor // Outdoor) <sup>2</sup>Heating at 47°F (Indoor // Outdoor) F 80 DB, 67 WB // 95 DB, 75 WB 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.

### **INDOOR UNIT ACCESSORIES: MSZ-GS12NA**

	BACnet® and Modbus® Interface	PAC-UKPRC001-CN-1
	CN24 Relay Kit	CN24RELAY-KIT-CM3
	IT Extender	PAC-WHS01IE-E
	kumo station® for kumo cloud®	PAC-WHS01HC-E
Control Interface	System Control Interface	MAC-334IF-E
	Thermostat Interface	PAC-US444CN-1
	Thermostat Interface	PAC-US445CN-1
	USNAP Adapter	PAC-WHS01UP-E
	Wireless Interface for kumo cloud®	PAC-USWHS002-WF-2
Remote Sensor	Wired Remote Sensor	M21EAA307
Remote Sensor	Wireless temperature and humitity sensor for kumo cloud®	PAC-USWHS003-TH-1
	Deluxe Wired MA Remote Controller <sup>†</sup>	PAR-40MAAU
Wired Remote Controller	Simple Ductless Wired Remote Controller	PAC-SDW01RC-1
wired Remote Controller	Simple MA Remote Controller <sup>†</sup>	PAC-YT53CRAU-J
	Touch MA Controller <sup>†</sup>	PAR-CT01MAU-SB
Vireless Remote Controller	kumo touch™ RedLINK™ Wireless Controller	MHK2
Wheless 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
	Blue Diamond MultiTank — collection tank for use with multiple pumps	C21-014
Condensate	Blue Diamond Sensor Extension Cable — 15 Ft.	C13-103
Condensale	Drain Pan Level Sensor/Control	SS610E
	Fascia Kit for MicroBlue Pump, mounts the MicroBlue and sensor directly beneath indoor unit	T18-016
	Refco Condensate Pump (100-240 VAC)	GOBI-II
	Refco Condensate Pump (100-240 VAC) up to 120,000 BTU/H	COMBI
	Sauermann Condensate Pump	SI30-230
Disconnect Switch	(30A/600V/UL) [fits 2" X 4" utility box] - Black	TAZ-MS303
JISCOTTICCE SWILCH	(30A/600V/UL) [fits 2" X 4" utility box] - White	TAZ-MS303W
ilter	Anti-allergy Enzyme Filter	MAC-408FT-E
-iilei	Microparticle (PM2.5) Filter	MAC-EMF515FT-E

NOTES:

¹Requires MAC-334IF-E

• M-Series EZ FIT® Recessed Ceiling Cassette, Floor-mount and Wall-mount Allows indoor units to connect to an MA Controller:

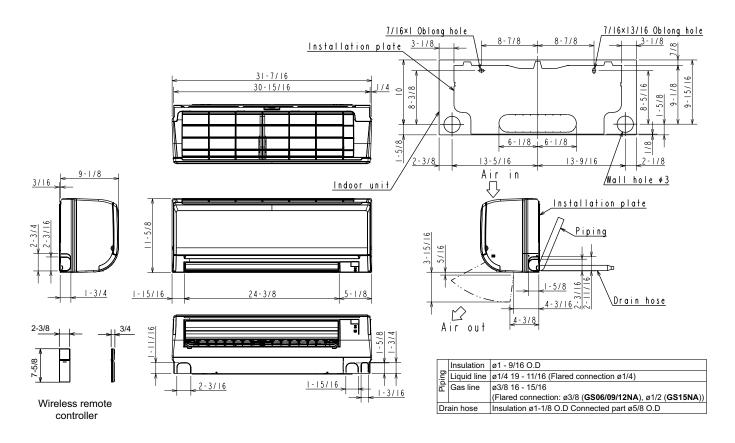
Deluxe MA Remote Controller

Simple MA Controller

Touch MA Controller

### **INDOOR UNIT DIMENSIONS: MSZ-GS12NA**

### Unit: inch



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Specifications are subject to change without notice.

## MXZ-SM36NAMHZ-U1 3-TON MULTI-ZONE INVERTER HEAT-PUMP SYSTEM



Job Name:

System Reference: Date:



#### **FEATURES**

- · Compatible with M- and P-Series and CITY MULTI indoor units. Branch box required for connection with M- and P-Series
- Variable speed INVERTER-driven compressor
- Seacoast protection on heat exchanger and base panel (rated for 2,000 hrs in accordance with ASTM B117 testing)
- Thermal Differential 1°F (with PAC-MKA32/52BC only)
- · Built-in base pan heater
- Quiet outdoor unit operation, rated sound pressure as low as 49 dB(A)
- · High pressure protection
- · Compressor thermal protection
- · Compressor overcurrent detection
- Fan motor overheating/voltage protection
- Hyper-heating performance offers 100% heating capacity at 5°F and 75% heating capacity at -13°F
- ENERGY STAR® certified (non-ducted, mixed & ducted)

### SPECIFICATIONS: MXZ-SM36NAMHZ-U1

	Maximum Capacity	BTU/H	36,000 // 36,000 // 36,000
	Rated Capacity	BTU/H	36,000 // 36,000 // 36,000
	Minimum Capacity	BTU/H	15,500 // 15,500 // 15,500
Cooling <sup>1</sup> (Non-Ducted // Mix // Ducted)	Maximum Power Input	W	2,400 // 2,610 // 2,855
	Rated Power Input	W	2,400 // 2,610 // 2,855
	Power Factor (208V, 230V)	%	98.5, 98.5 // 98.5, 98.5 // 98.5, 98.5
	Maximum Capacity	BTU/H	42,000 // 42,000 // 42,000
	Rated Capacity	BTU/H	42,000 // 42,000 // 42,000
Heating at 47°F² (Non-Ducted // Mix //	Minimum Capacity	BTU/H	22,500 // 22,500 // 22,500
Ducted)	Maximum Power Input	W	3,080 // 3,200 // 3,325
,	Rated Power Input	W	3,080 // 3,200 // 3,325
	Power Factor (208V, 230V)	%	98.5, 98.5 // 98.5, 98.5 // 98.5, 98.5
	Maximum Capacity	BTU/H	42,000 // 42,000 // 42,000
Heating at 17°F³ (Non-Ducted // Mix //	Rated Capacity	BTU/H	33,000 // 33,000 // 33,000
Ducted)	Maximum Power Input	W	5,730 // 6,050 // 2,400
,	Rated Power Input	W	3,450 // 3,600 // 3,750
Heating at 5°F4 (Non-Ducted // Mix //	Maximum Capacity	BTU/H	42,000 // 42,000 // 42,000
Ducted)	Maximum Power Input	W W	6,155 // 6,315 // 6,480
	SEER	VV	23.0 // 20.65 // 18.3
	EER¹		15.0 // 13.8 // 12.6
Efficiency (Non-Ducted // Mix // Ducted)	HSPF (IV) COP at 47°F2		12.5 // 12.1 // 11.7
Efficiency (Non-Ducted // Mix // Ducted)			4.0 // 3.85 // 3.7
	COP at 5°E at Maximum Capacity <sup>3</sup>		2.1 // 2.03 // 1.9
	COP at 5°F at Maximum Capacity <sup>4</sup>		2.0 // 1.95 // 1.9 Yes // No // Yes
	ENERGY STAR® Certified		11 11
	Voltage, Phase, Frequency	1/40	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
	Short-circuit Current Rating (SCCR)	kA	5
	Recommended Fuse/Breaker Size if Branch Box Powered by Outdoor Unit	Α	45
Electrical	Recommended Fuse/Breaker Size without Branch Box or Branch Box Powered Separate	A	40
	Recommended Wire Size (Indoor - Outdoor)	AWG	16
	MCA if Branch Box Powered by Outdoor Unit	Α	42.0
	MCA without Branch Box or Branch Box Powered Separate	Α	36
	MOCP if Branch Box Powered by Outdoor Unit	Α	50
	MOCP without Branch Box or Branch Box Powered Separate	Α	40
	Fan Motor Full Load Amperage	A	0.6+0.6
	Fan Motor Output	W	74
	Airflow Rate (Cooling / Heating)	CFM	3,885 / 3,885
	Refrigerant Control		LEV
	Defrost Method		Reverse Cycle
	Heat Exchanger Type		Plate fin coil
	Heat Exchanger Coating		Blue Fin Coating
	Sound Pressure Level, Cooling <sup>1</sup>	dB(A)	49
	Sound Pressure Level, Heating <sup>2</sup>	dB(A)	53
	Compressor Type		Hermetic
	Compressor Model		ANB33FJSMT
	Compressor Motor Output	kW	2.8
Outdoor unit	Compressor Rated Load Amps	Α	19
	Compressor Locked Rotor Amps	Α	22.0
	Compressor Oil Type // Charge	OZ.	FV50S // 73
	Base Pan Heater	\	Built-in
		W: In. [mm]	41-11/32[1,050]
	Unit Dimensions	D: In. [mm]	13[330]
		H: In. [mm]	52-11/16[1,338]
		W: In. [mm]	43 [1,090]
	Package Dimensions	D: In. [mm]	18 [450]
		H: In. [mm]	57 [1,430]
			070 [400]
	Unit Weight Package Weight	Lbs.[kg] Lbs.[kg]	278 [126] 302 [137]

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

<sup>1</sup>Cooling (Indoor // Outdoor) °F

<sup>2</sup>Heating at 47°F (Indoor // Outdoor) °F

<sup>3</sup>Heating 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) °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.

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.

### SPECIFICATIONS: MXZ-SM36NAMHZ-U1

	Cooling Intake Air Temp (Maximum / Minimum)	°FDB	115 / 23
Outdoor unit operating temperature	Cooling Thermal Lock-out / Re-start Temperatures	°FDB	N/A / N/A
range	Heating Intake Air Temp (Maximum / Minimum)	°FWB	59 / -13
	Heating Thermal Lock-out / Re-start Temperatures	°FDB	-24 / -14
Refrigerant	Туре		R410A
Keingerant	Charge	Lbs, oz	10, 9.0
	Maximum Number of Connected IDU with Branch Box		4 (3) <sup>-A</sup>
	Maximum Number of Connected IDU without Branch Box		11
Indoor unit connection	Minimum Number of Connected IDU with Branch Box		2
mador unit connection	Minimum Number of Connected IDU without Branch Box		1
	Minimum Connected Capacity with Branch Box	BTU/H	12,000
	Maximum Connected Capacity	BTU/H	46,000
	Liquid Pipe Size O.D. (Flared)	In.[mm]	3/8 [9.52]
	Gas Pipe Size O.D. (Flared)	In.[mm]	5/8 [15.88]
	Total Piping Length when using Branch Box	Ft. [m]	492 [150]
	Total Piping Length without Branch Box	Ft. [m]	984 [ 300]
	Maximum Height Difference's, ODU above IDU	Ft. [m]	164 [50]
	Maximum Height Difference's, ODU below IDU	Ft. [m]	131 [40]
	Maximum Height Difference <sup>*B</sup> , between branch boxes	Ft. [m]	49 [ 15]
Piping	Maximum Height Difference's, between branch boxes and IDU	Ft. [m]	49 [15]
	Maximum Height Difference between IDU and IDU without branch box	Ft. [m]	49 [ 15]
	Max. Piping Length between ODU and Branch Box	Ft. [m]	180 [55]
	Farthest Piping Length from ODU to IDU with Branch Box	Ft. [m]	262 [80]
	Farthest Piping Length from ODU to IDU without Branch Box	Ft. [m]	492 [ 150]
	Farthest Piping Length after Branch Box	Ft. [m]	82 [25]
	Total Piping Length between Branch Boxes and IDU	Ft. [m]	311 [95]
	Maximum Number of Bends for IDU		15

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

<sup>1</sup>Cooling (Indoor // Outdoor) <sup>2</sup>Heating at 47°F (Indoor // Outdoor) <sup>3</sup>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

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

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.

<sup>&#</sup>x27;Applications should be restricted to comfort cooling only; equipment cooling applications are not recommended for low ambient temperature conditions.

A when 1 or more PLA-A-EA7 connected

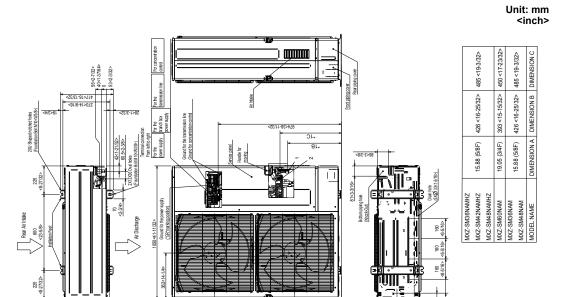
Branch box should be placed within the level between the outdoor unit and indoor units

5° FDB - 115° FDB when optional wind baffles are installed

## **OUTDOOR UNIT ACCESSORIES: MXZ-SM36NAMHZ-U1**

Air Deflector	Vertical Air Deflector	ADV-1
Air Outlet Guide	Air Outlet Guide (1 Piece)	PAC-SH96SG-E (two pieces are required)
	Refrigeration Ball Valve - 1/2"	BV12FFSI2
Ball Valve	Refrigeration Ball Valve - 1/4"	BV14FFSI2
Dali valve	Refrigeration Ball Valve - 3/8"	BV38FFSI2
	Refrigeration Ball Valve - 5/8"	BV58FFSI2
	Branch Box	PAC-MKA32BC
Branch Box	Branch Box	PAC-MKA52BC
	Branch Box Enclosure	BBE-1
Centralized Drain Pan	Central Drain Pan	PAC-SH97DP-E
Control Wire	M-Net Control Wire, 1,000' Roll (16-AWG, Standard, Twisted Pair, Shielded, Jacketed-Plenum rated)	CW162S-1000
Control wire	M-Net Control Wire, 250' Roll (16-AWG, Standard, Twisted Pair, Shielded, Jacketed-Plenum rated)	CW162S-250
Control/Service Tool	Maintenance Tool Interface	PAC-USCMS-MN-1
Distribution nine	Brazed Connection	MSDD-50BR-E
Distribution pipe	Flare Connection	MSDD-50AR-E
Hail Guards	Hail Guard	HG-A2
	14 Gauge, 4 wire MiniSplit Cable—250 ft. roll	S144-250
Mini Culit Wise	14 Gauge, 4 wire MiniSplit Cable—50 ft. roll	S144-50
Mini-Split Wire	16 Gauge, 4 wire MiniSplit Cable—250 ft. roll	S164-250
	16 Gauge, 4 wire MiniSplit Cable—50 ft. roll	S164-50
Mounting Pad	Condensing Unit Mounting Pad: 24" x 42" x 3"	ULTRILITE2
Mounting Pad	Outdoor Unit 3-1/4 inch Mounting Base (Pair) - Plastic	DSD-400P
	Adaptor: 1/2" x 3/8"	MAC-A455JP-E
Port Adapter	Adaptor: 1/2" x 5/8"	MAC-A456JP-E
Fort Adapter	Adaptor: 3/8" x 1/2"	MAC-A454JP-E
	Adaptor: 3/8" x 5/8"	PAC-SG76RJ-E
	18" Dual Fan Stand	QSMS1802M
	24" Dual Fan Stand	QSMS2402M
Stand	Condenser Wall Bracket	QSWB2000M-1
	Condenser Wall Bracket - Stainless Steel Finish	QSWBSS
	Outdoor Unit Stand — 12" High	QSMS1202M
Wind Baffle	Front Wind Baffle	WB-PA3 (two pieces are required)

### **OUTDOOR UNIT DIMENSIONS: MXZ-SM36NAMHZ-U1**



<8/L+7<2>825<11/16>

Example of Notes

Handle for moving

<2E/1-1>92

55<2-3/16>

Piping Knock-Out Hole Details

369<14-17/32>

4 PIPING-WIRING DIRECTIONS

3 FOUNDATION BOLTS

2 SERVICE SPACE

1 FREE SPACE(Around the unit)