MSZ-FS09NA 9,000 BTU/H DELUXE WALL MOUNT



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J	Ю	n	IN	а	m	e	i

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
- · Multiple fan speed options: Quiet, Low, Medium, High, Super-high, Auto
- 3D i-see Sensor®enables advance features:
 - o Indirect or Direct Airflow for personalized comfort
 - o Absence Detection for energy-saving mode
 - o Double Vane features:
 - o Separates airflow to deliver air across a large area
 - o Simultaneously deliver to air separate sections of a room
 - o Generates more comfortable natural airflow pattern
- · Multiple control options available:
 - o Back-lit screen handheld remote controller (provided with unit)
 - o kumo cloud®smart device app for remote access
 - Third-party interface options
 - o Wired or wireless controllers
- Triple-action Filtration: Nano Platinum Filter, Deodorizing Filter, & Electrostatic Anti-Allergy Enzyme Filter
- Hot-Start Technology: no cold air rush at equipment startup or when restarting after Defrost Cycle
- · Quiet operation

	Specifications		System
	Unit Type		MSZ-FS09NA
Cooling Capacity ^{1, 3}		BTU/H	9,000
Heating Capacity ^{2, 3}		BTU/H	9,600
	Voltage, Phase, Frequency		208/230, 1, 60
	Guaranteed Voltage Range	V AC	187- 253V
Electrical	Voltage: Indoor - Outdoor, S1-S2	V AC	208/230
	Voltage: Indoor - Outdoor, S2-S3	V DC	24
	Short-circuit Current Rating [SCCR]	kA	5
	MCA	A	1.0
	Fan Motor Full Load Amperage	A	0.65
	Fan Motor Output	W	40
	Airflow Rate at Cooling, Dry	CFM	137–167–221–304–381
	Airflow Rate at Cooling, Wet	CFM	117–143–190–261–328
	Airflow Rate at Heating, Dry	CFM	140-167-225-325-437
	Sound Pressure Level [Cooling]	dB[A]	20-23-29-36-40
Indoor Unit	Sound Pressure Level [Heating]	dB[A]	20-24-29-39-42
	Drain Pipe Size	In. [mm]	5/8 [15.88]
	Coating on Heat Exchanger	Coating on Heat Exchanger	
	External Finish Color		Munsell 1.0Y 9.2/0.2
	Unit Dimensions	W x D x H: In. [mm]	36-7/16 x 9-3/16 x 12 (+11/16) [925 x 234 x 305 (+17)]
	Package Dimensions	W x D x H: In. [mm]	39 x 12-1/4 x 15-1/2 [990 x 310 x 400]
	Unit Weight	Lbs. [kg]	29 [13.5]
	Package Weight	Lbs. [kg]	39 x 12-1/4 x 15-1/2[990 x 310 x 400]
Refrigerant	Туре	·	R410A
Dining.	Gas Pipe Size O.D. [Flared]	In.[mm]	3/8 [6.35]
Piping	Liquid Pipe Size O.D. [Flared]	In.[mm]	1/4 [6.35]

NOTES: Conditions

tions ¹Cooling (Indoor // Ou

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

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-FS09NA

	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	Lockdown bracket for remote controller	RCMKP1CB
	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
2	Wired Remote Sensor	M21EAA307
Remote Sensor	Wireless temperature and humitity sensor for kumo cloud®	PAC-USWHS003-TH-1
	Deluxe Wired MA Remote Controller [†]	PAR-40MAAU
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
	Blue Diamond (MicroBlue) Mini Condensate Pump (110/208/230V) up to 18,000 BTU/H	X85-003
	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
	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
	(30A/600V/UL) [fits 2" X 4" utility box] - Black	TAZ-MS303
Disconnect Switch	(30A/600V/UL) [fits 2" X 4" utility box] - White	TAZ-MS303W
	Electro Static Anti-allergy Enzyme Filter	MAC-2330FT-E
Filter	Platinum Deodorizing Filter	MAC-3000FT-E
	15' x 1/4" x 15' / 3/8" Lineset (Twin-Tube Insulation)	MLS143812T-15
t	30' x 1/4" x 30' / 3/8" Lineset (Twin-Tube Insulation)	MLS143812T-30
Lineset	50' x 1/4" x 50' / 3/8" Lineset (Twin-Tube Insulation)	MLS143812T-50
	65' x 1/4" x 65' / 3/8" Lineset (Twin-Tube Insulation)	MLS143812T-65

NOTES:

†Requires MAC-334IF-E

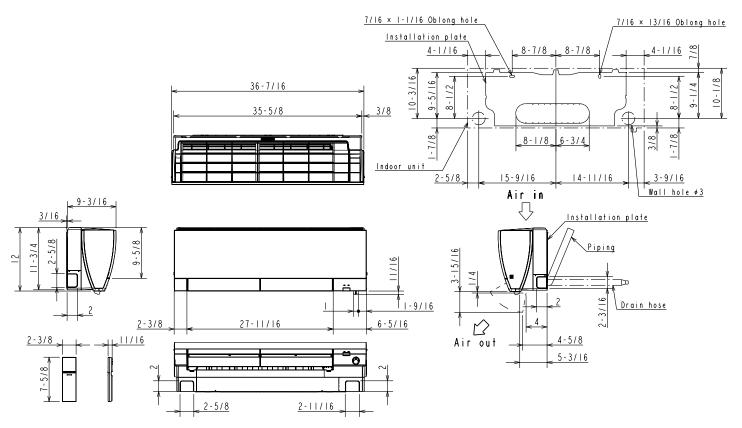
• EZ FIT® Recessed Ceiling Cassette, Floor-mount and Wall-mount Allows indoor units to connect to an MA Controller:

Deluxe MA Remote Controller
Simple MA Controller
Touch MA Controller

‡PAC-SF40RM-E (Unable to use with wireless remote controller)
 Ceiling Cassette, Ceiling Suspended, Horizontal-ducted and Multi-position Air Handler
 P-Series Ceiling Cassette, Ceiling Suspended, Horizontal-ducted and Multi-position Air Handler

INDOOR UNIT DIMENSIONS: MSZ-FS09NA

Unit: inch



(06/09/12 KBTU/H)

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ıg	Insulation	
Ė	Liquid line	♦1/4 19-11/16 (Flared connection ♦1/4)
P.	Gas line	♦3/8 16-15/16 (Flared connection ♦3/8)
[)rain hose	Insulation #1-1/8 Connected part #5/8 O.D

(15/18 KBTU/H)

Γ	90	Insulation	♦1-7/16 O.D
1	Ξ		♦1/4 19-11/16 (Flared connection ♦1/4)
1	۵	Gas line	♦3/8 16-15/16 (Flared connection ♦1/2)
	[Drain hose	Insulation #1-1/8 Connected part #5/8 O.D

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Specifications are subject to change without notice.

MSZ-FS12NA 12,000 BTU/H DELUXE WALL MOUNT



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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
- · Multiple fan speed options: Quiet, Low, Medium, High, Super-high, Auto
- 3D i-see Sensor®enables advance features:
 - o Indirect or Direct Airflow for personalized comfort
 - o Absence Detection for energy-saving mode
 - o Double Vane features:
 - o Separates airflow to deliver air across a large area
 - o Simultaneously deliver to air separate sections of a room
 - o Generates more comfortable natural airflow pattern
- · Multiple control options available:
 - o Back-lit screen handheld remote controller (provided with unit)
 - o kumo cloud®smart device app for remote access
 - Third-party interface options
 - o Wired or wireless controllers
- Triple-action Filtration: Nano Platinum Filter, Deodorizing Filter, & Electrostatic Anti-Allergy Enzyme Filter
- Hot-Start Technology: no cold air rush at equipment startup or when restarting after Defrost Cycle
- · Quiet operation

	Specifications		System
	Unit Type		MSZ-FS12NA
Cooling Capacity ^{1, 3}		BTU/H	12,000
Heating Capacity ^{2, 3}		BTU/H	12,300
	Voltage, Phase, Frequency		208/230, 1, 60
	Guaranteed Voltage Range	VAC	187- 253V
Electrical	Voltage: Indoor - Outdoor, S1-S2	VAC	208/230
	Voltage: Indoor - Outdoor, S2-S3	V DC	24
	Short-circuit Current Rating [SCCR]	kA	5
	MCA	A	1.0
	Fan Motor Full Load Amperage	A	0.65
	Fan Motor Output	W	40
	Airflow Rate at Cooling, Dry	CFM	137–226–221–304–424
	Airflow Rate at Cooling, Wet	CFM	117–143–190–261–364
	Airflow Rate at Heating, Dry	CFM	155–226–282–367–454
	Sound Pressure Level [Cooling]	dB[A]	21–24–29–36–44
Indoor Unit	Sound Pressure Level [Heating]	dB[A]	21–28–32–38–43
	Drain Pipe Size	In. [mm]	5/8 [15.88]
	Coating on Heat Exchanger	Coating on Heat Exchanger	
	External Finish Color	External Finish Color	
	Unit Dimensions	W x D x H: In. [mm]	36-7/16 x 9-3/16 x 12 (+11/16) [925 x 234 x 305 (+17)]
	Package Dimensions	W x D x H: In. [mm]	39 x 12-1/4 x 15-1/2 [990 x 310 x 400]
	Unit Weight	Lbs. [kg]	29 [13.5]
	Package Weight	Lbs. [kg]	39 x 12-1/4 x 15-1/2[990 x 310 x 400]
Refrigerant	Туре		R410A
Dining	Gas Pipe Size O.D. [Flared]	In.[mm]	3/8 [6.35]
Piping	Liquid Pipe Size O.D. [Flared]	In.[mm]	1/4 [6.35]

NOTES:

Conditions

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

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-FS12NA

	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	Lockdown bracket for remote controller	RCMKP1CB
	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
)t- O	Wired Remote Sensor	M21EAA307
Remote Sensor	Wireless temperature and humitity sensor for kumo cloud®	PAC-USWHS003-TH-1
	Deluxe Wired MA Remote Controller [†]	PAR-40MAAU
Vired Remote Controller	Simple MA Remote Controller [†]	PAC-YT53CRAU-J
	Touch MA Controller [†]	PAR-CT01MAU-SB
Vireless Remote Controller	kumo touch™ RedLINK™ Wireless Controller	MHK2
	Blue Diamond (MicroBlue) Mini Condensate Pump (110/208/230V) up to 18,000 BTU/H	X85-003
	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
	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
isconnect Switch	(30A/600V/UL) [fits 2" X 4" utility box] - Black	TAZ-MS303
DISCONNECT SWITCH	(30A/600V/UL) [fits 2" X 4" utility box] - White	TAZ-MS303W
ilto.	Electro Static Anti-allergy Enzyme Filter	MAC-2330FT-E
ilter	Platinum Deodorizing Filter	MAC-3000FT-E
	15' x 1/4" x 15' / 1/2" Lineset (Twin-Tube Insulation)	MLS141212T-15
inanat	30' x 1/4" x 30' / 1/2" Lineset (Twin-Tube Insulation)	MLS141212T-30
ineset	50' x 1/4" x 50' / 1/2" Lineset (Twin-Tube Insulation)	MLS141212T-50
	65' x 1/4" x 65' / 1/2" Lineset (Twin-Tube Insulation)	MLS141212T-65

NOTES:

†Requires MAC-334IF-E

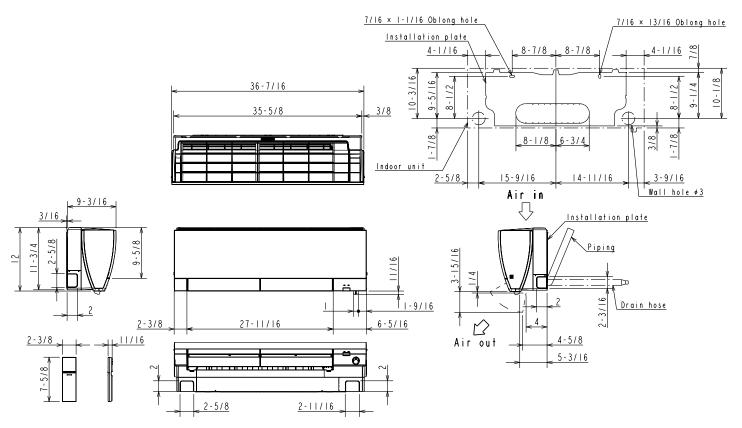
• EZ FIT® Recessed Ceiling Cassette, Floor-mount and Wall-mount Allows indoor units to connect to an MA Controller:

Deluxe MA Remote Controller
Simple MA Controller
Touch MA Controller

‡PAC-SF40RM-E (Unable to use with wireless remote controller)
 Ceiling Cassette, Ceiling Suspended, Horizontal-ducted and Multi-position Air Handler
 P-Series Ceiling Cassette, Ceiling Suspended, Horizontal-ducted and Multi-position Air Handler

INDOOR UNIT DIMENSIONS: MSZ-FS12NA

Unit: inch



(06/09/12 KBTU/H)

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βι	Insulation					
i d	Liquid line	♦1/4 19-11/16 (Flared connection ♦1/4)				
۵	Gas line	♦3/8 16-15/16 (Flared connection ♦3/8)				
Drain hose		Insulation #1-1/8 Connected part #5/8 O.D				

(15/18 KBTU/H)

•	,
ച Insulation	♦1-7/16 O.D
E Liquid line	♦1/4 19-11/16 (Flared connection ♦1/4)
Gas line	♦3/8 16-15/16 (Flared connection ♦1/2)
Drain hose	Insulation #1-1/8 Connected part #5/8 O.D.

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MSZ-FS15NA 15,000 BTU/H DELUXE WALL MOUNT



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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
- · Multiple fan speed options: Quiet, Low, Medium, High, Super-high, Auto
- 3D i-see Sensor®enables advance features:
 - o Indirect or Direct Airflow for personalized comfort
 - o Absence Detection for energy-saving mode
 - o Double Vane features:
 - o Separates airflow to deliver air across a large area
 - o Simultaneously deliver to air separate sections of a room
 - o Generates more comfortable natural airflow pattern
- · Multiple control options available:
 - o Back-lit screen handheld remote controller (provided with unit)
 - o kumo cloud®smart device app for remote access
 - Third-party interface options
 - o Wired or wireless controllers
- Triple-action Filtration: Nano Platinum Filter, Deodorizing Filter, & Electrostatic Anti-Allergy Enzyme Filter
- Hot-Start Technology: no cold air rush at equipment startup or when restarting after Defrost Cycle
- · Quiet operation

	Specifications		System
	Unit Type		MSZ-FS15NA
Cooling Capacity ^{1, 3}		BTU/H	14,000
Heating Capacity ^{2, 3}		BTU/H	16,000
	Voltage, Phase, Frequency		208/230, 1, 60
	Guaranteed Voltage Range	VAC	187- 253V
Electrical	Voltage: Indoor - Outdoor, S1-S2	V AC	208/230
	Voltage: Indoor - Outdoor, S2-S3	V DC	24
	Short-circuit Current Rating [SCCR]	kA	5
	MCA	A	1.0
	Fan Motor Full Load Amperage	A	0.65
	Fan Motor Output	W	40
	Airflow Rate at Cooling, Dry	CFM	225-272-304-355-437
	Airflow Rate at Cooling, Wet	CFM	194–225–261–305–376
	Airflow Rate at Heating, Dry	CFM	201-272-350-410-514
	Sound Pressure Level [Cooling]	dB[A]	27-31-35-39-44
Indoor Unit	Sound Pressure Level [Heating]	dB[A]	25-31-37-40-46
	Drain Pipe Size	In. [mm]	5/8 [15.88]
	Coating on Heat Exchanger	Coating on Heat Exchanger	
	External Finish Color		Munsell 1.0Y 9.2/0.2
	Unit Dimensions	W x D x H: In. [mm]	36-7/16 x 9-3/16 x 12 (+11/16) [925 x 234 x 305 (+17)]
	Package Dimensions	W x D x H: In. [mm]	39 x 12-1/4 x 15-1/2 [990 x 310 x 400]
	Unit Weight	Lbs. [kg]	29 [13.5]
	Package Weight	Lbs. [kg]	39 x 12-1/4 x 15-1/2[990 x 310 x 400]
Refrigerant	Туре	,	R410A
Distinct.	Gas Pipe Size O.D. [Flared]	In.[mm]	1/2 [12.7]
Piping	Liquid Pipe Size O.D. [Flared]	In.[mm]	1/4 [6.35]

NOTES: Conditions

¹Cooling (Indoor // Outdoor)

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

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-FS15NA

	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	Lockdown bracket for remote controller	RCMKP1CB
	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
Remote Sensor	Wireless temperature and humitity sensor for kumo cloud®	PAC-USWHS003-TH-1
	Deluxe Wired MA Remote Controller [†]	PAR-40MAAU
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
	Blue Diamond (MicroBlue) Mini Condensate Pump (110/208/230V) up to 18,000 BTU/H	X85-003
	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
	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
DISCONNECT SWITCH	(30A/600V/UL) [fits 2" X 4" utility box] - White	TAZ-MS303W
Filter	Electro Static Anti-allergy Enzyme Filter	MAC-2330FT-E
-iilei	Platinum Deodorizing Filter	MAC-3000FT-E
	15' x 1/4" x 15' / 1/2" Lineset (Twin-Tube Insulation)	MLS141212T-15
Linnant	30' x 1/4" x 30' / 1/2" Lineset (Twin-Tube Insulation)	MLS141212T-30
Lineset	50' x 1/4" x 50' / 1/2" Lineset (Twin-Tube Insulation)	MLS141212T-50
	65' x 1/4" x 65' / 1/2" Lineset (Twin-Tube Insulation)	MLS141212T-65

NOTES:

'Requires MAC-334IF-E

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

Deluxe MA Remote Controller

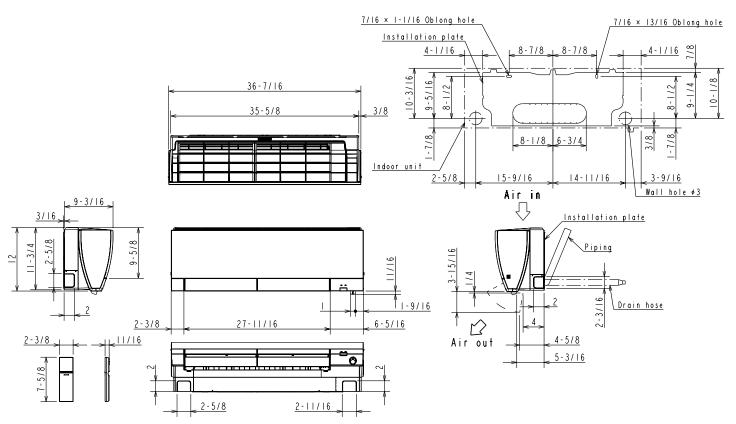
Simple MA Controller

Touch MA Controller

‡PAC-SF40RM-E (Unable to use with wireless remote controller)
 Ceiling Cassette, Ceiling Suspended, Horizontal-ducted and Multi-position Air Handler
 P-Series Ceiling Cassette, Ceiling Suspended, Horizontal-ducted and Multi-position Air Handler

INDOOR UNIT DIMENSIONS: MSZ-FS15NA

Unit: inch



(06/09/12 KBTU/H)

		· /
βl	Insulation	
- d	Liquid line	
P.	Gas line	♦3/8 16-15/16 (Flared connection ♦3/8)
		Insulation #1-1/8 Connected part #5/8 O.D

(15/18 KBTU/H)

9		Insulation	♦1-7/16 O.D
	jid	Liquid line	♦1/4 19-11/16 (Flared connection ♦1/4)
	P i	Gas line	♦3/8 16-15/16 (Flared connection ♦1/2)
	Drain hose		Insulation #1-1/8 Connected part #5/8 O.D

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Specifications are subject to change without notice.

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		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
Effection (Non-Durat 1994) 112	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]
	Package Dimensions	W: In. [mm]	40-15/16 [1,040]
		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
D (: .		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
indoor driit connection	Minimum connected capacity	BTU/H	12,000
	Maximum connected capacity	BTU/H	42,000
	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]
Piping	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.

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.

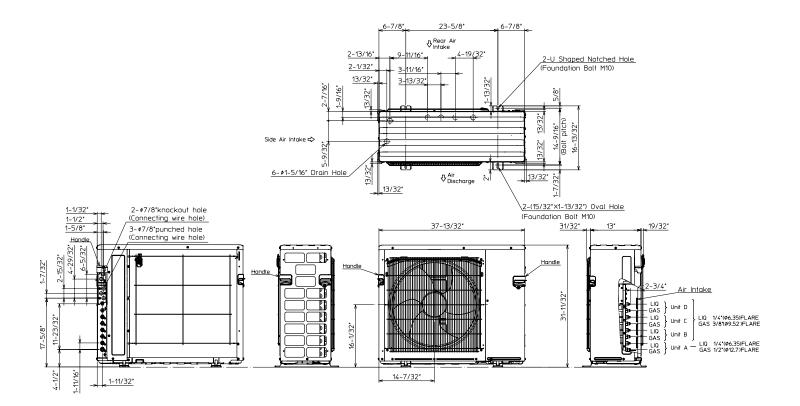
Applications should be restricted to comfort cooling only; equipment cooling applications are not recommended for low ambient temperature conditions. A 5°F DB - 115°F DB when optional wind baffles are installed

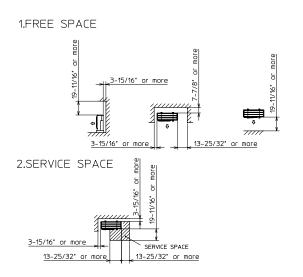
OUTDOOR UNIT ACCESSORIES: MXZ-4C36NA3

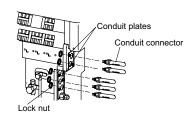
Ball Valve	Refrigeration Ball Valve - 1/2"	BV12FFSI2
	Refrigeration Ball Valve - 1/4"	BV14FFSI2
	Refrigeration Ball Valve - 3/8"	BV38FFSI2
	Refrigeration Ball Valve - 5/8"	BV58FFSI2
Control Wire	M-Net Control Wire, 1,000' Roll (16-AWG, Standard, Twisted Pair, Shielded, Jacketed- Plenum rated)	CW162S-1000
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: Outlib 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
Married David	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
Dort Adorton	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
	18" Single Fan Stand	QSMS1801M
	24" Single Fan Stand	QSMS2401M
Stand	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)







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