## 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 <sup>1, 3</sup>		BTU/H	12,000
Heating Capacity <sup>2, 3</sup>		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		Dual Barrier Coating
	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

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

<sup>&</sup>lt;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-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 <sup>†</sup>	PAR-40MAAU
Vired 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
	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

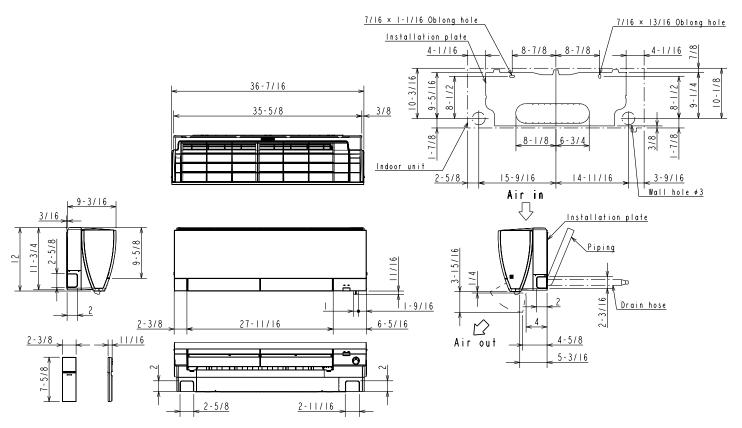
• EZ FIT® Recessed Ceiling Cassette, Floor-mount and Wall-mount Allows indoor units to connect to an MA Controller:

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)

	(**************************************			
91	Insulation			
<u>-</u>	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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Specifications are subject to change without notice.

### MSZ-FS12NA & MUZ-FS12NAH 12,000 BTU/H DELUXE WALL MOUNT 12,000 BTU/H HYPER-HEATING OUTDOOR UNIT W/BASE PAN HEATER



Job Name:	
System Reference:	Date:





Indoor Unit	MSZ-FS12NA
Outdoor Unit	MUZ-FS12NAH

#### INDOOR UNIT 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
  - o 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

#### **OUTDOOR UNIT FEATURES**

- · INVERTER-driven compressor and LEV provide high efficiency and comfort while using only the energy needed to maintain maximum performance
- H2i plus<sup>™</sup> performance offers 100% heating capacity at -5° and 70% to 81% heating capacity at -13° F
- · Blue Fin anti-corrosion treatment applied to the outdoor unit heat exchanger for increased coil protection and longer life
- · Built-in base pan heater

#### SPECIFICATIONS: MSZ-FS12NA & MUZ-FS12NAH

	Mayimum Canasitu	DTUU	42.622
	Maximum Capacity	BTU/H	13,600
	Rated Capacity	BTU/H	12,000
	Minimum Capacity	BTU/H	2,500
Cooling at 95°F1	Maximum Power Input	W	1,150
3	Rated Power Input	W	870
	Moisture Removal	Pints/h	1.9
	Sensible Heat Factor		0.83
	Power Factor	%	94.0/94.0
	Maximum Capacity	BTU/H	21,000
	Rated Capacity	BTU/H	12,300
Heating at 47°F <sup>2</sup>	Minimum Capacity	BTU/H	3,700
rieding at 47 F	Maximum Power Input	W	1,980
	Rated Power Input	W	850
	Power Factor	%	94.0/94.0
	Maximum Capacity	BTU/H	17,410
===	Rated Capacity	BTU/H	8,400
Heating at 17°F <sup>3</sup>	Maximum Power Input	W	1,990
	Rated Power Input	W	740
	Maximum Capacity	BTU/H	14,690
Heating at 5°F⁴	Maximum Power Input	W	1,910
Heating at -5°F6	Maximum Capacity	BTU/H	12,300
Heating at -13°F7	Maximum Capacity	BTU/H	11,000
Treating at 10 T	SEER	210/11	26.1
	EER¹		13.8
	HSPF [IV]		12.0
	COP at 47°F <sup>2</sup>		4.24
T#ining.	COP at 47 F <sup>2</sup>		2.56
Efficiency	COP at 17 F at Maximum Capacity <sup>4</sup>		2.07
	COP at -5°F at Maximum Capacity <sup>6</sup>		2.07
	COP at -13°F at Maximum Capacity <sup>7</sup>		1.92
	ENERGY STAR® Certified		Yes
	Voltage, Phase, Frequency		208/230, 1, 60
	Guaranteed Voltage Range	VAC	187 - 253
	Voltage: Indoor - Outdoor, S1-S2	V AC	208/230
Electrical	Voltage: Indoor - Outdoor, S2-S3	V DC	24
	Short-circuit Current Rating [SCCR]	kA	5
	Recommended Fuse/Breaker Size (Oudoor)	A	15
	Recommended Wire Size [Indoor - Outdoor]	AWG	14
	MCA	A	1.0
	Fan Motor Full Load Amperage	A	0.65
	Fan Motor Output	W	40
	Airflow Rate at Cooling, Dry	CFM	137–167–221–304–424
	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		Dual Barrier Coating
	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]	34 [15.4]
Indoor Unit Operating Temperature	Cooling Intake Air Temp [Maximum / Minimum]*	°F	90 DB, 73 WB / 67 DB, 57 WB
Range	Heating Intake Air Temp [Maximum / Minimum]	°F	80 DB / 70 DB
	ag make / ar Temp [waximum / wimimum]		33 22 7 7 0 20

NOTES:

Conditions

AHRI Rated Conditions

<sup>2</sup>Heating at 47°F (Indoor // Outdoor)
<sup>3</sup>Heating at 17°F (Indoor // Outdoor) (Rated data is determined at a fixed compressor speed)

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

4Heating at 5°F (Indoor // Outdoor) 5Heating at -4°F (Indoor // Outdoor)
6Heating at -5°F (Indoor // Outdoor) <sup>7</sup>Heating at -13°F (Indoor // Outdoor)

°F 70 DB. 60 WB // 5 DB. 4 WB 70 DB, 60 WB // -4 DB, -5 WB 70 DB, 60 WB // -5 DB, -6 WB 70 DB, 60 WB // -13 DB, -14 WB

\*Outdoor Unit Operating Temperature Range (Cooling Air Temp (Maximum / Minimum)):

- Applications should be restricted to comfort cooling only; equipment cooling applications are not recommended for low ambient temperature conditions.
   For P-Series only:
- "> Wind baffles required to operate below 23°F DB in cooling mode.

  "> Cooling-only system with wind baffle: -40°F 115°F.

  "> Heat pump system with wind baffle: 0°F 115°F.

  "> Refer to wind baffle documentation for further information.

- » Refer to wind baffle documentation for further information.

  \*Outdoor Unit Operating Temperature Range (Cooling Thermal Lock-out / Re-start Temperatures; Heating Thermal Lock-out / Re-start Temperatures):

   System cuts out in heating mode to avoid thermistor error and automatically restarts at these temperatures.

  SEACOAST PROTECTION (ONLY APPLIES TO P-SERIES -BS MODELS)

   External Outer Panel: Phosphate coating + Acrylic-Enamel coating

   Fan Motor Support: Epoxy resin coating (at edge face)

   Separator Assembly Valve Bed: Epoxy resin coating (at edge face)

   Blue Fin treatment is an anti-corrosion treatment that is applied to the condenser coil to protect it against airborne contaminants.

Cooling (Indoor // Outdoor)

#### SPECIFICATIONS: MSZ-FS12NA & MUZ-FS12NAH

	MCA	A	10.0
	MOCP	A	15
	Fan Motor Full Load Amperage	A	0.5
	Fan Motor Output	W	55
	Airflow Rate	CFM	1215/1201
	Refrigerant Control		LEV
	Defrost Method	Reverse Cycle	
	Coating on Heat Exchanger		Blue Fin Coating
	Sound Pressure Level, Cooling <sup>1</sup>	dB(A)	49
	Sound Pressure Level, Heating <sup>2</sup>	dB(A)	51
Outdoor Unit	Compressor Type		Twin Rotary
	Compressor Model		SNB140FQUMT
	Compressor Rated Load Amps	A	9.2
	Compressor Locked Rotor Amps	A	7.4
	Compressor Oil Type // Charge	OZ.	FV50S // 0.35
	External Finish Color		Munsell 3Y 7.8/1.1
	Base Pan Heater		Built-in
	Unit Dimensions	W x D x H: In. [mm]	31-1/2 x 11-1/4 x 21-5/8 [800 x 285 x 550]
	Package Dimensions	W x D x H: In. [mm]	37 x 15 x 24-1/2 [940 x 380 x 630]
	Unit Weight	Lbs. [kg]	84 [38]
	Package Weight	Lbs. [kg]	91 [41]
	Cooling Air Temp [Maximum / Minimum]*	°F	115 DB / 14 DB
Outdoor Unit Operating Temperature	Cooling Thermal Lock-out / Re-start Temperatures**	°F	-4 / 0
Range	Heating Air Temp [Maximum / Minimum]	°F	75 DB, 65 WB / -13 DB, -14 WB
	Heating Thermal Lock-out / Re-start Temperatures**	°F	-18 / -14
	Туре		R410A
Refrigerant	Charge	Lbs, oz	2, 9
Reingerant	Chargeless Piping Length	Ft. [m]	25 [7.5]
	Additional Refrigerant Charge Per Additional Piping Length	oz./Ft. [g/m]	0.216 [20]
	Gas Pipe Size O.D. [Flared]	In.[mm]	3/8 [9.52]
	Liquid Pipe Size O.D. [Flared]	In.[mm]	1/4 [6.35]
Piping	Maximum Piping Length	Ft. [m]	65 [20]
	Maximum Height Difference	Ft. [m]	40 [12]
	Maximum Number of Bends		10

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)

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

Conditions

<sup>4</sup>Heating at 5°F (Indoor // Outdoor)
<sup>5</sup>Heating at -4°F (Indoor // Outdoor)
<sup>6</sup>Heating at -5°F (Indoor // Outdoor)
<sup>7</sup>Heating at -13°F (Indoor // Outdoor) °F °F °F 70 DB. 60 WB // 5 DB. 4 WB 70 DB, 60 WB // -4 DB, -5 WB 70 DB, 60 WB // -5 DB, -6 WB 70 DB, 60 WB // -13 DB, -14 WB

\*Outdoor Unit Operating Temperature Range (Cooling Air Temp (Maximum / Minimum)):

- Applications should be restricted to comfort cooling only; equipment cooling applications are not recommended for low ambient temperature conditions.
   For P-Series only:
- Wind baffles required to operate below 23°F DB in cooling mode.
   Cooling-only system with wind baffle: -40°F 115°F.
   Heat pump system with wind baffle: 0°F 115°F.
   Refer to wind baffle documentation for further information.

- » Refer to wind baffle documentation for further information.

  \*Outdoor Unit Operating Temperature Range (Cooling Thermal Lock-out / Re-start Temperatures; Heating Thermal Lock-out / Re-start Temperatures):

   System cuts out in heating mode to avoid thermistor error and automatically restarts at these temperatures.

  SEACOAST PROTECTION (ONLY APPLIES TO P-SERIES -BS MODELS)

   External Outer Panel: Phosphate coating + Acrylic-Enamel coating

   Fan Motor Support: Epoxy resin coating (at edge face)

   Separator Assembly Valve Bed: Epoxy resin coating (at edge face)

   Blue Fin treatment is an anti-corrosion treatment that is applied to the condenser coil to protect it against airborne contaminants.

# **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 <sup>†</sup>	PAR-40MAAU
Vired 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
	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

• 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

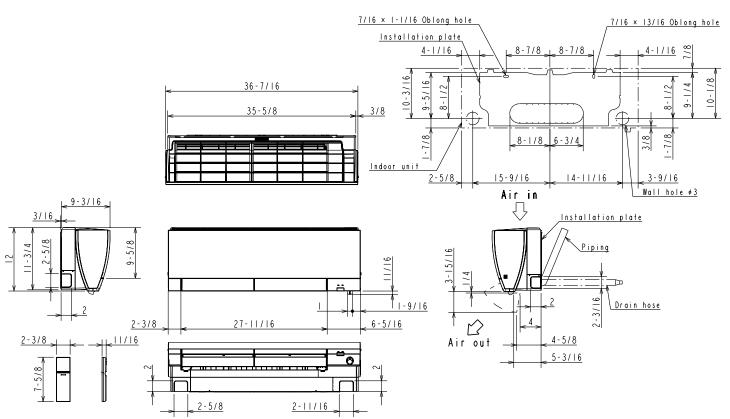
‡PAC-SF40RM-E (Unable to use with wireless remote controller)
 M-Series Ceiling Cassette, Ceiling Suspended, Horizontal-ducted and Multi-position Air Handler
 P-Series Ceiling Cassette, Ceiling Suspended, Horizontal-ducted and Multi-position Air Handler

# **OUTDOOR UNIT ACCESSORIES: MUZ-FS12NAH**

Air Outlet Guide	Air Outlet Guide	MAC-881SG
Drain Socket	Drain Socket	MAC-811DS
Hail Guards	Hail Guard HG-B4	
	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
Manustina Dad	Condensing Unit Mounting Pad: 16" x 36" x 3"	ULTRILITE1
Mounting Pad	Outdoor Unit 3-1/4 inch Mounting Base (Pair) - Plastic	DSD-400P
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

# **INDOOR UNIT DIMENSIONS: MSZ-FS12NA**

### Unit: inch



#### (06/09/12 KBTU/H)

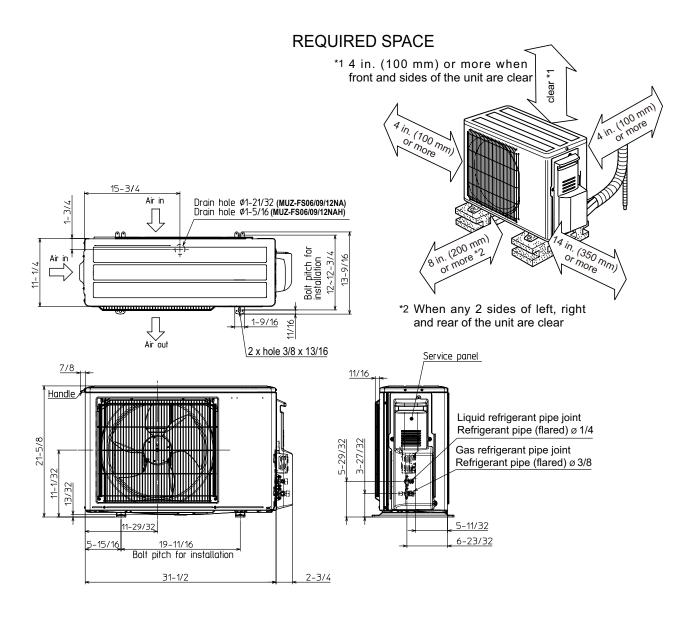
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91	Insulation			
<u>-</u>	Liquid line	♦1/4   19-11/16 (Flared connection ♦1/4)		
۵	Gas line	♦3/8   16-15/16 (Flared connection ♦3/8)		
Drain hose		Insulation #1-1/8 Connected part #5/8 O.D		

## (15/18 KBTU/H)

_ Insulation	♦1-7/16 O.D
Liquid line	♦1/4 19-11/16 (Flared connection ♦1/4)
⊆ Gas line	♦3/8  6- 5/ 6 (Flared connection ♦ /2)
Drain hose	Insulation #1-1/8 Connected part #5/8 O.D

### **OUTDOOR UNIT DIMENSIONS: MUZ-FS12NAH**

Unit: inch



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