

# M-SERIES CATALOG

ZONED COMFORT SOLUTIONS®

M-SERIES CATALOG | 01.2019 | WWW.MITSUBISHICOMFORT.COM

#### MAKE COMFORT PERSONAL®

Make Comfort Personal. It's not just a tagline or a marketing slogan. It's what we do every day. No other company is as committed to creating environmentally friendly and affordable technology that's ideal for today's home, no matter the size or shape. With over 30 years of industry leadership, we are proud to be America's #1 selling brand of Zoned Comfort Solutions®.

#### **QUALITY**

Mitsubishi Electric is consistently recognized by HVAC contractors as the #1 preferred brand with the highest quality rating among manufacturers. Our products provide extraordinary service life, extending years beyond the norm, and have the lowest failure rate in the industry.

#### **PERFORMANCE**

We deliver a complete range of compact and powerful cooling and heating products that are also intelligent, energy efficient and quiet. And you can control it all with the kumo cloud® app.

#### **PROFESSIONAL INSTALLATION**

The best products on the market wouldn't mean much without a trusted base of Diamond Contractors®. When you're ready to learn more about a Mitsubishi Electric Zoned Comfort Solution® simply find one of our certified Diamond Contractors at www.mitsubishicomfort.com.



THE PERSONALIZED COMFORT SOLUTION THE FUTURE OF COMFORT TECHNOLOGY ENERGY-EFFICIENT OPERATION HYPER-HEATING INVERTER® TECHNOLOGY CONSTANT COMFORT BREATHE EASY SMART COMFORT TECHNOLOGY 3D i-see Sensor <sup>TM</sup>	2 5 6 8 9 10 11
Multi-Flow Vane UNDERSTANDING YOUR MODEL NUMBER	12
MSY (COOLING ONLY) MSZ/MUZ-FH MSZ/MUZ-GL/D MSZ/MUZ-HM MSZ-WR MSZ-JP MFZ-KJ SLZ/SUZ MLZ/SUZ SEZ/SUZ PEAD/SUZ	13
SVZ MULTI-ZONE SYSTEMS	20
MXZ GL FH EF KJ SVZ SEZ PEAD	
SLZ MODEL FOUR-WAY CEILING CASSETTE	24
MLZ ONE-WAY CEILING CASSETTE HEAT PUMPS	26
kumo cloud® MHK1 Portable Central Controller Outside Air Sensor Wireless Remote Controller Touch MA Back-lit MA Remote Controller Simple MA Controller Thermostat Interface BACnet® & MODBUS® Interface System Control Interface	28
M-SERIES ACCESSORIES	34
SPECIFICATION TABLES ADDITIONAL M-SERIES INFORMATION	45 72

### THE PERSONALIZED COMFORT SOLUTION



Mitsubishi Electric brings unmatched energy efficiency, performance and control to home cooling and heating. It's never been easier to keep everyone in your house comfortable, without spending a fortune on your energy bills. Mitsubishi Electric Zoned Comfort Solutions® are perfect for any situation, from a hot or cold room to a whole-home renovation. These systems give you more control over the temperatures in your home, and do it better than central air.

- ► Up to 40% more efficient than central air
- ► Up to 8 individual zones (per system)
- ► Improves air quality, reducing dust, mold and allergens
- ► Quieter than a human whisper
- ▶ Remote control technology via kumo cloud® app or other smart home-connected devices
- ► The #1 selling zoned brand
- ► Professional installation
- ► Financing available

Learn more about multi-zone and single-zone products in the sections that follow.

### THE FUTURE OF COMFORT TECHNOLOGY

Whether it's for that always-stuffy sun room or the entire home, Zoned Comfort Solutions® are the perfect fit.



FEATURES	BENEFITS
INVERTER-DRIVEN COMPRESSORS	Maximizes energy savings by using only the energy needed to perfectly cool or heat an area
EASY INSTALLATION	Installs quickly and easily, without the need for major construction and remodeling
COMPLETE ZONE CONTROL	Realizes maximum control and energy efficiency by cooling and heating only those spaces in use
PERSONAL COMFORT CONTROL	Complete comfort control of temperature, fan speed, and air direction in each room or zone via kumo cloud® or other smart home devices
CLEANER AIR WITH WASHABLE ANTI-ALLERGEN FILTERS	Improves air quality and saves money
HYPER-HEATING INVERTER® (H2i®) HEAT PUMPS	Provides instant warmth even in extreme climates (down to -13° F)
ULTIMATE ENERGY EFFICIENCY	With higher SEER and HSPF ratings

### **ENERGY-EFFICIENT OPERATION**

### **ENERGY-EFFICIENT AND ENVIRONMENTALLY FRIENDLY**

Do you want to live in constant comfort or maintain a reasonable energy bill? You don't have to choose. Zoned Comfort Solutions® utilize green technologies and are up to 40% more efficient than central air. Don't sacrifice comfort over worries about high energy costs.

- ► INVERTER-driven compressor technology results in substantial energy and utility savings
- ► Zoned control for improved comfort and decreased energy usage
- ► Many ENERGY STAR® certified systems
- ► SEER ratings as high as 33.1—dramatically better than conventional systems
- ► Local and state utility rebates and incentive opportunities
- ▶ 83% of system components are recyclable
- ► Washable filters made from natural materials

Let energy rebate programs work for you. Learn more at www.mitsubishicomfort.com and choose the Rebates & Financing tab.

#### **SAVINGS OPPORTUNITIES**

Mitsubishi Electric Zoned Comfort Solutions are so energy efficient that a majority of our INVERTER-driven systems have received ENERGY STAR® certification. This can mean big savings. Add in local government and utility rebates, and you have an opportunity to enjoy comfort at substantial savings. These rebates come in many forms, from property and sales tax exemptions to loans and grants. There are thousands of such programs in the U.S., but they are often not widely promoted or publicized. With Mitsubishi Electric, you truly can Make Comfort Personal® (and save some money, too).

For details on qualifying systems, go to www.mitsubishicomfort.com/taxcredit. Visit www.dsireusa.org for information on available local rebate opportunities from state governments or utility companies.

### ENERGY STAR® CERTIFIED SYSTEMS

		RESIDENTIAL AIR CONDITIONER			
AHRI Reference #	Outdoor	Indoor	EER	SEER	HSPF
201754333	MUY-GL09NA	MSY-GL09NA	15.40	24.60	N/A
201754330	MUY-GL12NA	MSY-GL12NA	13.00	23.10	N/A
201754331	MUY-GL15NA	MSY-GL15NA	13.00	21.60	N/A
201754334	MUY-GL18NA	MSY-GL18NA	13.40	20.50	N/A
201754332	MUY-GL24NA	MSY-GL24NA	12.5	20.5	N/A

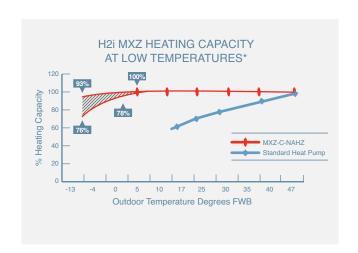
### ENERGY STAR® CERTIFIED SYSTEMS

## AHRI Reference ## Outdoor Indoor    201754416	EER 15.80 13.60 13.50 12.60 19.10 19 16.10 16.10 13.80	SEER 28.20 25.50 21.80 21.00 33.10 33.50	HSPF 13.00 12.00 11.60 11.30 13.50
201754291         MUFZ-KJ12NAHZ         MFZ-KJ15NA           201754292         MUFZ-KJ15NAHZ         MFZ-KJ15NA           201754293         MUFZ-KJ18NAHZ         MFZ-KJ18NA           201754296         MUZ-FH06NA         MSZ-FH06NA**           201754296         MUZ-FH09NA         MSZ-FH09NA           201754297         MUZ-FH09NAH         MSZ-FH09NA**           201754298         MUZ-FH12NA         MSZ-FH12NA           201754299         MUZ-FH12NAH         MSZ-FH12NA**           201754300         MUZ-FH15NAH         MSZ-FH15NA**           201754301         MUZ-FH15NAH         MSZ-FH18NA**           201754302         MUZ-FH18NA2         MSZ-FH18NA**           201754303         MUZ-FH18NAH2         MSZ-FH18NA**           201754648         MUZ-GL19NA         MSZ-GL09NA           201754311         MUZ-GL12NA         MSZ-GL15NA           201754315         MUZ-GL18NA         MSZ-GL15NA           201754316         MUZ-GL24NA         MSZ-GL24NA           201754925         MXZ-2C20NAHZ2         Non-ducted Indoor Units           Non-ducted Indoor Units         Non-ducted Indoor Units	13.60 13.50 12.60 19.10 19 16.10	25.50 21.80 21.00 33.10 33.10 30.50	12.00 11.60 11.30 13.50
201754292         MUFZ-KJ15NAHZ         MFZ-KJ15NA           201754293         MUFZ-KJ18NAHZ         MFZ-KJ18NA           201754426         MUZ-FH06NA         MSZ-FH06NA**           201754427         MUZ-FH06NAH         MSZ-FH09NA           201754296         MUZ-FH09NAH         MSZ-FH09NA**           201754297         MUZ-FH09NAH         MSZ-FH09NA**           201754298         MUZ-FH12NA         MSZ-FH12NA           201754299         MUZ-FH15NAH         MSZ-FH15NA           201754300         MUZ-FH15NAH         MSZ-FH15NA**           201754301         MUZ-FH15NAH         MSZ-FH18NA**           201754302         MUZ-FH18NA2         MSZ-FH18NA**           201754303         MUZ-FH18NAH2         MSZ-FH18NA**           201754648         MUZ-GL19NA         MSZ-GL19NA           201754311         MUZ-GL12NA         MSZ-GL15NA           201754313         MUZ-GL15NA         MSZ-GL15NA           201754316         MUZ-GL24NA         MSZ-GL24NA           201754642         MXZ-2C20NAHZ         Non-ducted Indoor Units           201754925         MXZ-2C20NAHZ2         Non-ducted Indoor Units	13.50 12.60 19.10 19 16.10	21.80 21.00 33.10 33.50	11.60 11.30 13.50
201754293         MUFZ-KJ18NAHZ         MFZ-KJ18NA           201754426         MUZ-FH06NA         MSZ-FH06NA**           201754427         MUZ-FH06NAH         MSZ-FH06NA**           201754296         MUZ-FH09NA         MSZ-FH09NA           201754297         MUZ-FH09NAH         MSZ-FH09NA**           201754298         MUZ-FH12NA         MSZ-FH12NA           201754299         MUZ-FH12NAH         MSZ-FH12NA**           201754300         MUZ-FH15NA         MSZ-FH15NA           201754301         MUZ-FH15NAH         MSZ-FH15NA**           201754302         MUZ-FH18NA2         MSZ-FH18NA**           201754303         MUZ-FH18NAH2         MSZ-FH18NA**           201754648         MUZ-GL09NA         MSZ-GL09NA           201754311         MUZ-GL12NA         MSZ-GL12NA           201754313         MUZ-GL15NA         MSZ-GL15NA           201754316         MUZ-GL24NA         MSZ-GL24NA           201754642         MXZ-2C20NAZ         Non-ducted Indoor Units           201754925         MXZ-2C20NAHZ2         Non-ducted Indoor Units	12.60 19.10 19 16.10 16.10	21.00 33.10 33.10 30.50	11.30 13.50
201754426         MUZ-FH06NA         MSZ-FH06NA**           201754427         MUZ-FH06NAH         MSZ-FH06NA**           201754296         MUZ-FH09NA         MSZ-FH09NA           201754297         MUZ-FH09NAH         MSZ-FH09NA**           201754298         MUZ-FH12NA         MSZ-FH12NA           201754299         MUZ-FH12NAH         MSZ-FH12NA**           201754300         MUZ-FH15NA         MSZ-FH15NA           201754301         MUZ-FH15NAH         MSZ-FH15NA**           201754302         MUZ-FH18NA2         MSZ-FH18NA**           201754303         MUZ-FH18NAH2         MSZ-FH18NA**           201754304         MSZ-GL09NA         MSZ-GL09NA           201754311         MUZ-GL12NA         MSZ-GL12NA           201754313         MUZ-GL15NA         MSZ-GL15NA           201754316         MUZ-GL24NA         MSZ-GL24NA           201754642         MXZ-2C20NA2         Non-ducted Indoor Units           201754925         MXZ-2C20NAHZ2         Non-ducted Indoor Units	19.10 19 16.10 16.10	33.10 33.10 30.50	13.50
201754427         MUZ-FH06NAH         MSZ-FH06NA**           201754296         MUZ-FH09NA         MSZ-FH09NA           201754297         MUZ-FH09NAH         MSZ-FH09NA**           201754298         MUZ-FH12NA         MSZ-FH12NA           201754299         MUZ-FH12NAH         MSZ-FH12NA**           201754300         MUZ-FH15NA         MSZ-FH15NA           201754301         MUZ-FH15NAH         MSZ-FH15NA**           201754302         MUZ-FH18NA2         MSZ-FH18NA**           201754303         MUZ-FH18NAH2         MSZ-FH18NA**           201754648         MUZ-GL09NA         MSZ-GL09NA           201754311         MUZ-GL12NA         MSZ-GL12NA           201754313         MUZ-GL15NA         MSZ-GL15NA           201754315         MUZ-GL18NA         MSZ-GL18NA           201754316         MUZ-GL24NA         MSZ-GL24NA           201754642         MXZ-2C20NAZ         Non-ducted Indoor Units           201754925         MXZ-2C20NAHZ2         Non-ducted Indoor Units	19 16.10 16.10	33.10 30.50	
201754296         MUZ-FH09NA         MSZ-FH09NA           201754297         MUZ-FH09NAH         MSZ-FH09NA**           201754298         MUZ-FH12NA         MSZ-FH12NA           201754299         MUZ-FH12NAH         MSZ-FH12NA**           201754300         MUZ-FH15NA         MSZ-FH15NA           201754301         MUZ-FH15NAH         MSZ-FH15NA**           201754302         MUZ-FH18NA2         MSZ-FH18NA**           201754303         MUZ-FH18NAH2         MSZ-FH18NA**           201754648         MUZ-GL09NA         MSZ-GL09NA           201754311         MUZ-GL12NA         MSZ-GL12NA           201754313         MUZ-GL15NA         MSZ-GL15NA           201754315         MUZ-GL18NA         MSZ-GL18NA           201754316         MUZ-GL24NA         MSZ-GL24NA           201754925         MXZ-2C20NAHZ2         Non-ducted Indoor Units	16.10 16.10	30.50	
201754297         MUZ-FH09NAH         MSZ-FH09NA**           201754298         MUZ-FH12NA         MSZ-FH12NA           201754299         MUZ-FH12NAH         MSZ-FH12NA**           201754300         MUZ-FH15NA         MSZ-FH15NA           201754301         MUZ-FH15NAH         MSZ-FH15NA**           201754302         MUZ-FH18NA2         MSZ-FH18NA**           201754303         MUZ-FH18NAH2         MSZ-FH18NA**           201754648         MUZ-GL09NA         MSZ-GL09NA           201754311         MUZ-GL12NA         MSZ-GL12NA           201754313         MUZ-GL15NA         MSZ-GL15NA           201754315         MUZ-GL18NA         MSZ-GL18NA           201754316         MUZ-GL24NA         MSZ-GL24NA           201754642         MXZ-2C20NA2         Non-ducted Indoor Units           201754925         MXZ-2C20NAHZ2         Non-ducted Indoor Units	16.10		12.50
201754298         MUZ-FH12NA         MSZ-FH12NA           201754299         MUZ-FH12NAH         MSZ-FH12NA**           201754300         MUZ-FH15NA         MSZ-FH15NA           201754301         MUZ-FH15NAH         MSZ-FH15NA**           201754302         MUZ-FH18NA2         MSZ-FH18NA**           201754303         MUZ-FH18NAH2         MSZ-FH18NA**           201754648         MUZ-GL09NA         MSZ-GL09NA           201754311         MUZ-GL12NA         MSZ-GL12NA           201754313         MUZ-GL15NA         MSZ-GL15NA           201754315         MUZ-GL18NA         MSZ-GL18NA           201754316         MUZ-GL24NA         MSZ-GL24NA           201754642         MXZ-2C20NA2         Non-ducted Indoor Units           201754925         MXZ-2C20NAHZ2         Non-ducted Indoor Units			13.50
201754299         MUZ-FH12NAH         MSZ-FH12NA**           201754300         MUZ-FH15NA         MSZ-FH15NA           201754301         MUZ-FH15NAH         MSZ-FH15NA**           201754302         MUZ-FH18NA2         MSZ-FH18NA**           201754303         MUZ-FH18NAH2         MSZ-FH18NA**           201754648         MUZ-GL09NA         MSZ-GL09NA           201754311         MUZ-GL12NA         MSZ-GL12NA           201754313         MUZ-GL15NA         MSZ-GL15NA           201754315         MUZ-GL18NA         MSZ-GL18NA           201754316         MUZ-GL24NA         MSZ-GL24NA           201754642         MXZ-2C20NA2         Non-ducted Indoor Units           201754925         MXZ-2C20NAHZ2         Non-ducted Indoor Units	13.80	30.50	12.50
201754300         MUZ-FH15NA         MSZ-FH15NA           201754301         MUZ-FH15NAH         MSZ-FH15NA**           201754302         MUZ-FH18NA2         MSZ-FH18NA**           201754303         MUZ-FH18NAH2         MSZ-FH18NA**           201754648         MUZ-GL09NA         MSZ-GL09NA           201754311         MUZ-GL12NA         MSZ-GL12NA           201754313         MUZ-GL15NA         MSZ-GL15NA           201754315         MUZ-GL18NA         MSZ-GL18NA           201754316         MUZ-GL24NA         MSZ-GL24NA           201754642         MXZ-2C20NA2         Non-ducted Indoor Units           201754925         MXZ-2C20NAHZ2         Non-ducted Indoor Units		26.10	12.50
201754301         MUZ-FH15NAH         MSZ-FH15NA**           201754302         MUZ-FH18NA2         MSZ-FH18NA**           201754303         MUZ-FH18NAH2         MSZ-FH18NA**           201754648         MUZ-GL09NA         MSZ-GL09NA           201754311         MUZ-GL12NA         MSZ-GL12NA           201754313         MUZ-GL15NA         MSZ-GL15NA           201754315         MUZ-GL18NA         MSZ-GL18NA           201754316         MUZ-GL24NA         MSZ-GL24NA           201754642         MXZ-2C20NA2         Non-ducted Indoor Units           201754925         MXZ-2C20NAHZ2         Non-ducted Indoor Units	13.80	26.10	11.50
201754302         MUZ-FH18NA2         MSZ-FH18NA**           201754303         MUZ-FH18NAH2         MSZ-FH18NA**           201754648         MUZ-GL09NA         MSZ-GL09NA           201754311         MUZ-GL12NA         MSZ-GL12NA           201754313         MUZ-GL15NA         MSZ-GL15NA           201754315         MUZ-GL18NA         MSZ-GL18NA           201754316         MUZ-GL24NA         MSZ-GL24NA           201754642         MXZ-2C20NA2         Non-ducted Indoor Units           201754925         MXZ-2C20NAHZ2         Non-ducted Indoor Units	12.50	22.00	12.00
201754303         MUZ-FH18NAH2         MSZ-FH18NA**           201754648         MUZ-GL09NA         MSZ-GL09NA           201754311         MUZ-GL12NA         MSZ-GL12NA           201754313         MUZ-GL15NA         MSZ-GL15NA           201754315         MUZ-GL18NA         MSZ-GL18NA           201754316         MUZ-GL24NA         MSZ-GL24NA           201754642         MXZ-2C20NA2         Non-ducted Indoor Units           201754925         MXZ-2C20NAHZ2         Non-ducted Indoor Units	12.50	22.00	11.00
201754648         MUZ-GL09NA         MSZ-GL09NA           201754311         MUZ-GL12NA         MSZ-GL12NA           201754313         MUZ-GL15NA         MSZ-GL15NA           201754315         MUZ-GL18NA         MSZ-GL18NA           201754316         MUZ-GL24NA         MSZ-GL24NA           201754642         MXZ-2C20NA2         Non-ducted Indoor Units           201754925         MXZ-2C20NAHZ2         Non-ducted Indoor Units	12.50	21.00	12.00
201754311         MUZ-GL12NA         MSZ-GL12NA           201754313         MUZ-GL15NA         MSZ-GL15NA           201754315         MUZ-GL18NA         MSZ-GL18NA           201754316         MUZ-GL24NA         MSZ-GL24NA           201754642         MXZ-2C20NA2         Non-ducted Indoor Units           201754925         MXZ-2C20NAHZ2         Non-ducted Indoor Units	12.50	21.00	11.00
201754313         MUZ-GL15NA         MSZ-GL15NA           201754315         MUZ-GL18NA         MSZ-GL18NA           201754316         MUZ-GL24NA         MSZ-GL24NA           201754642         MXZ-2C20NA2         Non-ducted Indoor Units           201754925         MXZ-2C20NAHZ2         Non-ducted Indoor Units	15.40	24.60	12.80
201754315         MUZ-GL18NA         MSZ-GL18NA           201754316         MUZ-GL24NA         MSZ-GL24NA           201754642         MXZ-2C20NA2         Non-ducted Indoor Units           201754925         MXZ-2C20NAHZ2         Non-ducted Indoor Units	13.00	23.10	12.50
201754316         MUZ-GL24NA         MSZ-GL24NA           201754642         MXZ-2C20NA2         Non-ducted Indoor Units           201754925         MXZ-2C20NAHZ2         Non-ducted Indoor Units	13.00	21.60	11.70
201754642 MXZ-2C20NA2 Non-ducted Indoor Units 201754925 MXZ-2C20NAHZ2 Non-ducted Indoor Units	13.40	20.50	11.20
201754925 MXZ-2C20NAHZ2 Non-ducted Indoor Units	12.50	20.50	10.00
	12.70	20.00	10.00
201754902 MXZ-3C24NA2 Non-ducted Indoor Units	13.50	17.00	9.80
	13.60	20.00	9.80
201754904 MXZ-3C24NAHZ2 Non-ducted Indoor Units	13.50	19.00	10.00
201754908 MXZ-3C30NAHZ2 Non-ducted Indoor Units	12.50	18.00	11.00
201754911 MXZ-4C36NAHZ Non-ducted Indoor Units	14.00	19.10	11.30
201755020 MXZ-4C36NAHZ Mixed Ducted and Non-ducted Indoor Uni	ts 12.65	17.45	10.70
201754926 MXZ-5C42NAHZ Non-ducted Indoor Units	13.40	19.00	11.00
201754637 MXZ-8C60NA Non-ducted Indoor Units	12.5	17.4	10.5
202392018 SUZ-KA09NA2 MLZ-KP09NA	12.6	19.5	13.3
202392021 SUZ-KA09NA2 SLZ-KF09NA	13.4	22.4	12.2
202392027 SUZ-KA09NA2 SEZ-KD09NA4	12.8	18.8	11
202392038 SUZ-KA09NA2 PEAD-A09AA7	12.5	19.7	12.6
202392019 SUZ-KA12NA2 MLZ-KP12NA	12.5	19.8	12.1
202392053 SUZ-KA12NA2 SVZ-KP12NA	12.7	18	12.1
202392022 SUZ-KA12NA2 SLZ-KF12NA	13.3	22	11.4
202392028 SUZ-KA12NA2 SEZ-KD12NA4	12.9	20.5	12.4
202392039 SUZ-KA12NA2 PEAD-A12AA7	12.9	20.5	13
202392029 SUZ-KA15NA2 SEZ-KD15NA4	13	19	11.4
202392040 SUZ-KA15NA2 PEAD-A15AA7	13	19.2	11.6
202392020 SUZ-KA18NA2 MLZ-KP18NA	12.5	22.3	12.4
202392054 SUZ-KA18NA2 SVZ-KP18NA	13.2	18	12.6
202392023 SUZ-KA18NA2 SLZ-KF18NA	12.5	20.7	11.6
202392030 SUZ-KA18NA2 SEZ-KD18NA4	13.7	22	13.1
202392041 SUZ-KA18NA2 PEAD-A18AA7	14.1	19.8	12.9
202392024 SUZ-KA24NA2 SVZ-KP24NA	10.5	18	10.4
202392042 SUZ-KA24NA2 PEAD-A24AA7	12.5		
202392025 SUZ-KA30NA2 SVZ-KP30NA	12.5 12.5	18	11.2
202392043 SUZ-KA30NA2 PEAD-A30AA7			11.2 13.6

ENERGY STAR® MOST EFFICIENT 2018 (with kumo cloud® controller)

#### **HEAT...AND LOTS OF IT**

Mitsubishi Electric Hyper-Heating INVERTER® systems feature the most advanced heat pump technology for delivering exceptional heating performance. Single-zone and multi-zone systems give you year-round comfort control of one room to every room of the home.



# MUZ-FH H2i HEATING CAPACITY AT LOW TEMPERATURES\* MUZ-FH -4 0 5 10 17 25 30 35 40 47 Outdoor Temperature Degrees FWB \* Includes correction for defrost. NOTE: Low ambient temperature conditions may require base pan heater (MSZ-GL and MSZ-FH 1:1 systems)

#### **POWERFUL HEAT PUMP**

Stay warm even when it's -13° F outdoors. Our units produce up to 100% heating capacity down to 5° F.

#### YEAR-ROUND **COMFORT**

When the weather breaks, you'll rest easy knowing that your heating technology is also the most efficient A/C on the market.

#### **HOT-START TECHNOLOGY**

Warm your desired comfort Thanks to easily accessible zone more quickly, fighting drafts and cold winters.

#### MINIMAL **MAINTENANCE**

filters, little or no ductwork to clean, and simple wiring between the indoor and outdoor units, you'll spend more time enjoying the technology, not fixing it.

#### **QUIETER THAN A HUMAN WHISPER**

Do you hear that? No? Mitsubishi Electric Zoned Comfort Solutions® operate at low sound levels. Our indoor units produce decibels barely at the level of a whisper. Compare to other common sounds:



# SOURCE: NATIONAL INSTITUTE FOR OCCUPATIONAL SAFETY AND HEALTH \*SMALLEST TO LARGEST CAPACITY INDOOR UNIT AT LOW SPEED

# **INVERTER System** Automatically adjusts instantly for consistent comfort. **INVERTER TECHNOLOGY Temperature** 72° Set **Conventional System** Constantly fluctuates, wasting energy and causing drafts Time



Sophisticated, electronic control systems detect any change in zone temperature and—like a car's cruise control—automatically adjust the speed of the outdoor unit's INVERTER-driven compressor for precise capacity and temperature control. That means you get the temperature you want, all the time.

SMART COMFORT TECHNOLOGY

Zoned Comfort Solutions® use a sophisticated multi-part filtration system to reduce contaminants such as allergens, viruses and bacteria from the air. This combination of filters provides a healthier breathing environment for the home.

### NANO PLATINUM FILTER

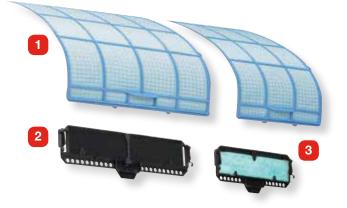
► Ceramic and platinum nanoparticles are incorporated into the filter material to provide antibacterial and deodorizing characteristics to improve air quality



Available on select systems, Platinum Deodorizing filters use nanotechnology to absorb odors to neutralize the worst smells.

- ► Periodic cleaning, following the recommended procedures, will maintain filter effectiveness
- 3 ELECTROSTATIC ANTI-ALLERGEN ENZYME FILTER. AVAILABLE ON MSZ-FH06/09/12/15NA AND MSZ-FH18NA2
- ► Reduces germs, bacteria and viruses
- ► Helps trap dust, pollens, mites and other particles
- ► Utilizes an enzyme catalyst to help break down the sulfur atom bonds in allergen proteins, transforming them into non-allergen proteins, which effectively clean the air (filter should be cleaned regularly to maintain effectiveness)





All M-Series systems detect room temperature fluctuations and automatically adjust performance for ultimate comfort in any room.

- ▶ All indoor models feature a return air sensor that constantly monitors and maintains room temperature
- ► Continuous fan operation ensures temperature consistency
- ► Auto changeover feature automatically switches between cooling and heating modes as needed to maintain a consistent temperature—just set it and forget it (MUZ and SUZ outdoor units)
- ► Seven horizontal airflow directions provide 150° of lateral airflow for greater conditioned air circulation (wide vane or swing mode, available on the MSZ/Y-GL24 and MSZ/Y-D30/36NA)

#### CONSTANT COMFORT WITH 3D I-SEE SENSOR™

Wouldn't it be nice if you had cooling and heating right when you needed it? For select units, the 3D i-see Sensor measures the floor temperature in real time, observing the room vertically for better management of sensible temperature (temperature felt by the occupant). The 3D i-see Sensor measures the infrared rays generated from the surrounding wall and floor surface at an angle of 360°. The infrared ray energy is converted into a temperature value. The 3D i-see Sensor slowly rotates 90° in five-second intervals for correct measurement of temperature to cover the full floor space. When combined with the auto fan speed mode, air can be directed to the farthest corners of the room for enhanced temperature coverage.

- ► Measures infrared radiation generated from surrounding walls and surface angles
- ► Efficiently adjusts temperatures to ideal comfort levels for occupants

#### **MULTI-FLOW VANE FOR FASTER HEATING**

Multi-flow vane technology uses the lower portion of the multi-flow vane to discharge warmed air into the return vent where it is recirculated through the heat exchanger. The rapidly heated air is then released into the room through the top portion of the multi-flow vane. This process significantly reduces the time needed to heat the room, ensuring superior warmth and comfort.

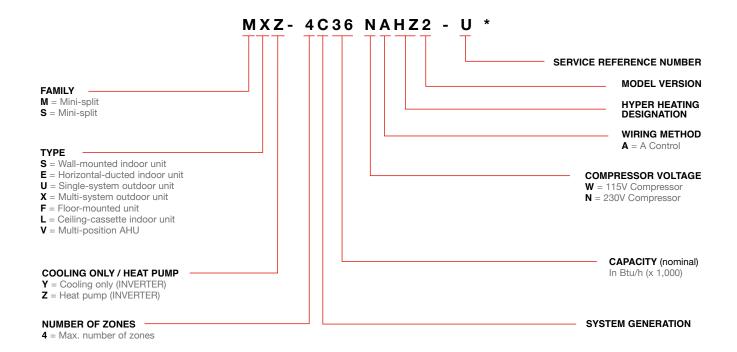




The tables below will help you understand Mitsubishi Electric's model naming system so that you and your contractor can make the right product selection for your personal need.

#### M-SERIES

- 1. Designed for residential applications.
- 2. User-friendly, zoned cooling and heating solutions for single- or multi-room applications or the whole home
- 3. Hyper-Heating INVERTER® (H2i®) outdoor units can provide high heating performance at lower ambient temperatures
- 4. Many ENERGY STAR® certified models



#### **COOLING-ONLY**

#### **MSY AIR CONDITIONERS**

Mitsubishi Electric offers solutions for every need, including situations where heating is not necessary. The MSY line of air conditioners is ENERGY STAR® certified and offers up to 24.6 SEER.



- ► Available capacities in kBtu/h: 09, 12, 15, 18, 24, 30, 36
- ▶ Offers a wide vane for a wider angle of airflow, 150° from left to right
- ► Motorized vertical vanes on GL24/D30/D36 models
- ► SEER: 15.1 to 24.6
- ► Compatible with the MUY outdoor unit





M-Series systems are not recommended for critical room and low ambient cooling applications.

Use professional-grade P-Series with full cooling capacity down to 0° F with wind baffle.

### SINGLE-ZONE PRODUCTS

#### **HEATING AND COOLING**

#### **WALL-MOUNTED HEAT PUMPS**

Slim, wall-mounted indoor units provide zone comfort control. INVERTER-driven compressors and electronic LEVs provide higher efficiency with controlled power usage. The indoor unit is powered by the outdoor unit and should a power outage occur, the system is automatically restored when power returns.



#### MSZ/MUZ-FH HIGH EFFICIENCY HEAT PUMPS

- Available capacities in kBtu/h: 06, 09, 12, 15, 18
- ► 100% heating at 5° F
- ► Industry-leading efficiency of 33.1 SEER (MSZ-FH06NA)
- ► Hyper-heating performance down to -13° F outdoor ambient
- ► Double-vane air delivery for enhanced circulation
- ► 3D i-see Sensor<sup>TM</sup>
- ► Infrared human sensing technologies to measure location of human heat signatures
- ► Multi-function wireless controller
- ► Compatible with kumo cloud® control app and Thermostat Interface



#### MSZ/MUZ-GL/D HEAT PUMPS

- ► Available capacities in kBtu/h: 09, 12, 15, 18, 24, 30, 36
- ▶ 14.5 to 24.6 SEER, 8.2 to 12.8 HSPF, INVERTER-driven compressor
- ► Auto restart and auto cooling/heating changeover
- ► Vertical air swing on all units
- ► Compatible with kumo cloud® control app and Thermostat Interface
- ► All GL models ENERGY STAR® certified



#### MSZ/MUZ-HM PRO LINE HEAT PUMPS

- Available capacities in kBtu/h: 09, 12, 15, 18, 24
- ► Efficiency: 18 SEER/9.5–10.0 HSPF
- ► Four fan speeds
- ► Anti-mold filter
- ► INVERTER-driven heat pump
- ► Heating operation range: -4° F to 75° F
- ► Cooling operation range: 14° F to 115° F
- ► Compatible with kumo cloud® control app and Thermostat Interface

### **HEATING AND COOLING**



#### MSZ/MUZ-WR HEAT PUMP

- ► Available capacities in kBtu/h: 09, 12, 18, 24
- ► Efficiency: SEER 16.0 / EER 9.0 / HSPF 8.5
- ► Four fan speeds
- ► Anti-mold filter
- ► INVERTER-driven heat pump
- ► Heating operation range: 5° F to 75° F
- ► Cooling: 32° F to 115° F
- ► Compatible with kumo cloud® control app and Thermostat Interface



#### **MSZ/MUZ-JP 115V HEAT PUMP**

- ► Available capacities in kBtu/h: 09, 12
- ► Efficiency: SEER 17.0 / EER 9.9 to 12.0 / HSPF 8.5
- ► Four fan speeds
- ► Anti-mold filter
- ► INVERTER-driven heat pump
- ► Heating operation range: -4° F to 75° F
- ► Cooling operation range: 14° F to 115° F
- ► Compatible with kumo cloud® control app and Thermostat Interface

### SINGLE-ZONE PRODUCTS

#### **HEATING AND COOLING**

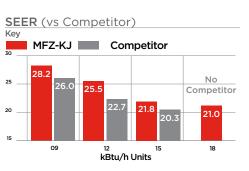
#### **FLOOR-MOUNTED INDOOR UNITS**

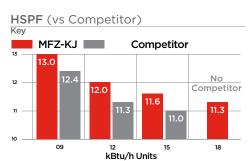
These indoor units mount to the floor, or up to 5" above the floor, and have front panel access to the filter for ease of cleaning. They are perfect for difficult areas that may be smaller or don't have usable space on the walls.



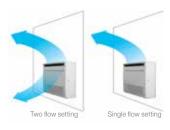
#### **MFZ-KJ HEAT PUMPS**

- ► Available capacities in kBtu/h: 09, 12, 15, 18
- ▶ 21.0 to 28.2 SEER
- ► Rapid heating
- ► Operates with 25% less power than competing models
- ► Recessing is an option

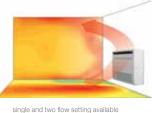




Cooling Airflow Patterns



Heating Airflow Pattern



MFZ-KJ15NA Competitor 10 minutes on 30 minutes on 60 minutes on Warm air covers the entirety of the room. is left cold.

### **HEATING AND COOLING**

#### **CEILING CASSETTE HEAT PUMPS**

SLZ 2'x2' ceiling-recessed cassette units offer a wide airflow pattern for better air distribution in a less obtrusive style. Install SLZ in a hard ceiling (with an access panel for servicing) or in 2'x2' drop ceiling.



#### **SLZ/SUZ HEAT PUMPS**

- ► Available capacities in kBtu/h: 09, 12, 15, 18
- ▶ 19.8 to 22.4 SEER, 11.2 to 12.2 HSPF, INVERTER-driven compressor
- ► Provides cooling and heating in a wide range of capacities
- ► Ventilation air knockouts
- ► Built-in condensate lift mechanism (up to 33")
- ► Multiple airflow adjustments
- ► 3D i-See Sensor<sup>TM</sup>
- ► Individual vane control



#### MLZ ONE-WAY CEILING CASSETTE/SUZ HEAT PUMPS

The MLZ one-way cassette can easily be mounted between the joists, making this product ideal for retrofit or new construction projects.

- ► Available capacities in kBtu/h: 09, 12, 18
- ▶ 19.5 to 20.3 SEER, 11.9-13.0 HSPF, INVERTER-driven compressor
- ► Built-in condensate lift mechanism (19-11/16")
- ► Flexible air flow direction: left/right and up/down
- ▶ 4 fan speeds plus auto fan mode

### SINGLE-ZONE PRODUCTS

#### HORIZONTAL-DUCTED HEAT PUMPS

SEZ ducted units provide comfort and efficiency while staying hidden either in the ceiling or beneath the floor.



#### **SEZ/SUZ HEAT PUMPS**

- ► Available capacities in kBtu/h: 09, 12, 15, 18
- ▶ 18.8 to 22 SEER, 10.8 to 12.6 HSPF, INVERTER-driven compressor
- ► Provides cooling and heating in a wide range of capacities
- ▶ Built-in condensate lift mechanism (up to 21-11/16")
- ► Static capability up to 0.20 in. wg
- ► Optional filter box with MERV-8 filters



#### **PEAD/SUZ HEAT PUMPS**

- ► Available capacities in kBtu/h: 09, 12, 15, 18, 24, 30, 36
- ► 18.6 to 19.4 SEER, 10.9 to 12.1 HSPF, INVERTER-driven compressor
- ► Built-in condensate lift mechanism (up to 27-9/16")
- ► Static capability up to 0.60 in. wg
- ▶ Optional filter box with MERV-13 filters
- ► Interlock with Lossnay®
- ► 2-stages of supplemental heat control

#### **HEATING AND COOLING**

#### **SVZ DUCTED AIR HANDLER**

This air handler is ideal for both system replacement and efficient cooling and heating in ducted applications.

- Available capacities in kBtu/h: 12, 18, 24, 30, 36
- ▶ Up to 18 SEER
- ► Upflow, horizontal left, horizontal right configurations
- ► Optional electric heat kits
- ► Optional downflow kit
- ► Condensation overflow switch connection
- ► Humidifier and ERV interface connections
- ► Auxiliary heat control connections





Optional auxiliary heat kit can be mounted on top of the air handler, simplifying field installation



Black ZAM material is highly corrosion-resistant coated steel (zinc, aluminum and magnesium)



1 inch R4.2 fiberglass-free insulation is not compressed and there is no screw penetration through the insulation, resulting in minimal condensation on the exterior



Cabinet air leakage is less than 2.0% at 1.0 in. w.g. (tested in accordance with ASHRAE Standard 193)



Unique blow-through design results in a positive pressure cabinet and allows simple coil cleaning when the blower is removed



No trap required for drain



Forward curved blower ensures quiet operation



Selectable external static pressure: 0.30, 0.50 and 0.80 in w.g., with three fan speeds at each static setting



Highly efficient, totally enclosed EC motor positioned to prevent sound from traveling through the ductwork



Washable, standard-sized filter

### **MULTI-ZONE SYSTEMS**

#### **MXZ OUTDOOR UNITS**

With the MXZ-C multi-zone standard and H2i® systems, you can enjoy ideal levels of comfort in the rooms you use most while reducing energy costs. Each zone operates independently. People in different rooms—like the kitchen, master bedroom or living room—can set temperatures for personalized comfort.

#### THE MULTI-ZONE SYSTEMS INCLUDE

- ▶ Mix and match flexibility of indoor unit styles and combinations
- ▶ A wide range of indoor unit capacities that match the room size and requirements
- ► Flexible options to tackle the most challenging multi-room installations
- ► High-efficiency, multiple ENERGY STAR® combinations
- ► Four- and five-ton outdoor unit can support up to eight indoor units using branch boxes
- ▶ New five-ton outdoor unit for large residential home applications
- ► Auto restart following a power outage
- ► Self-check function offering integrated diagnostics

#### MXZ AND INDOOR UNIT COMPATIBILITY CHART

	MULTI-ZONE	BRANCH	SVZ	MSZ-GL	MFZ-KJ	MSZ-	MSZ-FH	SEZ-KD	MLZ	SLZ	PCA	PLA	PEAD*
Ol	JTDOOR UNIT	вох	12, 18, 24, 30, 36	6, 9, 12, 15, 18, 24	9, 12, 15, 18	EF9, 12, 15, 18	6, 9, 12, 15, 18	9, 12, 15, 18	9, 12, 18	9, 12, 15, 18	24, 30, 36, 42	12, 18, 24, 30, 36, 42	9, 12, 15, 18, 24, 30, 36, 42
_	MXZ- 2C20NAHZ2		12 ✓	6, 9, 12, 15 🗸	9, 12, 15 🗸	9, 12, 15	6, 9, 12, 15	9, 12, 15	9, 12	9, 12 🗸			9, 12, 15 🗸
EQUIPMENT	MXZ- 3C24NAHZ2		12, 18 🗸	6, 9, 12, 15, 18 🗸	✓	<b>✓</b>	✓	<b>✓</b>	✓	9, 12, 15 🗸		18 ✔	9, 12, 15, 18 🗸
NG EQL	MXZ- 3C30NAHZ2		12, 18, 24 🗸	✓	✓	<b>✓</b>	✓	✓	✓	9, 12, 15 🗸	24 🗸	18 ✔	9, 12, 15, 18, 24 🗸
HYPER-HEATING	MXZ- 4C36NAHZ	✓	12, 18, 24 🗸	✓	✓	<b>✓</b>	✓	✓	✓	9, 12, 15 🗸		12, 18, 24, 30, 36 🗸	9, 15, 12, 18, 24, 30, 36 🗸
HYPER	MXZ- 5C42NAHZ	✓	12, 18, 24 🗸	✓	✓	<b>✓</b>	✓	✓	✓	9, 12, 15 🗸		12, 18, 24, 30, 36 🗸	9, 15, 12, 18, 24, 30, 36 🗸
	MXZ- 8C48NAHZ	✓	✓	✓	✓	<b>✓</b>	✓	✓	✓	9, 12, 15 🗸		12, 18, 24, 30, 36 🗸	9, 15, 12, 18, 24, 30, 36 🗸
	MXZ-2C20NA2		12 ✓	6, 9, 12, 15 🗸	9, 12, 15 🗸	9, 12, 15	6, 9, 12, 15	9, 12, 15	9, 12	9, 12 🗸			9, 12, 15 🗸
MENT	MXZ-3C24NA2		12, 15 🗸	6, 9, 12, 15, 18 🗸	✓	✓	✓	✓	✓	9, 12, 15 🗸		18 ✓	9, 12, 15, 18 🗸
EQUIPMENT	MXZ-3C30NA2		12, 18, 24 🗸	✓	✓	✓	✓	✓	✓	9, 12, 15 🗸	24 🗸	18✔	9, 12, 15, 18, 24 🗸
	MXZ-4C36NA2		✓	✓	✓	✓	✓	✓	✓	9, 12, 15 🗸	24 🗸	18 ✓	9, 12, 15, 18, 24 🗸
STANDARD	MXZ-5C42NA2		✓	✓	✓	✓	✓	✓	✓	9, 12, 15 🗸	24 🗸	18 ✔	9, 12, 15, 18, 24 🗸
S	MXZ-8C48NA	✓	✓	✓	✓	✓	✓	✓	✓	9, 12, 15 🗸		12, 18, 24, 30, 36 🗸	9, 15, 12, 18, 24, 30, 36 🗸
	MXZ-8C60NA	✓	✓	✓	✓	✓	✓	✓	✓	9, 12, 15 🗸		12, 18, 24, 30, 36 🗸	9, 15, 12, 18, 24, 30, 36 🗸

#### ✓ COMPATIBLE

\*Please refer to the installation manual and full compatibility chart for restrictions on the maximum number of indoor units that can be connected for ducted air handlers.

Information is current as of this printing. Minimum installed capacity cannot be less than 12,000 Btu/h.

A minimum of two indoor units must be connected to all MXZ-C outdoor units.

Minimum installed capacity cannot be less than 12,000 Btu/h.

### INDOOR UNITS FOR MULTI-ZONE SYSTEMS (MXZ-C COMPATIBLE)

#### **MSZ-GL HEAT PUMPS**

Our standard wall-mounted units, the GL series offers a slim profile and provides enhanced, industry-leading performance for the multi-zone product category. With washable long-life filters, features such as auto-restart and compatibility with the kumo cloud® app, you'll experience comfort as you never have before. And all models are ENERGY STAR® certified, helping to save you money on your energy bills.

- Available capacities in kBtu/h: 6, 9, 12, 15, 18, 24
- ► Whisper-quiet operation
- ► Also available for single-zone application



#### **MSZ-FH HIGH-EFFICIENCY HEAT PUMPS**

Let the FH line of wall-mounted units create personalized home comfort at its absolute best. The FH features industry-leading efficiency and triple-action filtration for a healthier home. The 3D i-see Sensor™ uses infrared technology to sense your heat signature, directing cool and warm air where it's needed most, and helping to save you even more on your energy bills. Control all of these great features with the kumo cloud® app for the ultimate in home comfort.

- Available capacities in kBtu/h: 6, 9, 12, 15, 18
- ► Double-vane air delivery for enhanced circulation
- ► Optional Thermostat Interface (PAC-US444CN-1) to allow for operation with third-party thermostats
- ► Whisper-quiet operation
- ► Also available for single-zone application



### MULTI-ZONE SYSTEMS

### INDOOR UNITS FOR MULTI-ZONE SYSTEMS (MXZ-C COMPATIBLE)

#### **MSZ-EF DESIGNER HEAT PUMPS**

The MSZ-EF Designer Series wall-mounted units combine the ultimate in aesthetic standards with the most innovative cooling and heating technology. Available in four capacities, they are perfect for

almost any size room. The three available model colors and sleek design allow seamless integration into interior architecture and décor. Their whisperquiet operation enables the units to be used in noise-sensitive residential properties and work spaces as well. And, last but not least, the environment can breathe a sigh of relief: these Designer Series wall-mounted units, as part of a Zoned Comfort Solution®, are extremely energy efficient.



- ► Available capacities in kBtu/h: 9, 12, 15, 18
- ► Three colors to choose from: glossy white, matte silver and glossy black

#### MFZ-KJ FLOOR-MOUNTED HEAT PUMPS

The MFZ-KJ floor-mounted unit features a contemporary slimline design and dramatically reduced depth while introducing a significant innovation in multi-flow vane technology that contributes to a faster heating process. This technology efficiently recirculates air to quickly raise room temperature during the cooler months of the year. MFZ-KJ floor-mounted units are the perfect solution for unobtrusive heating or cooling at floor level. New advanced technology offers heating performance during low temperatures in the shortest amount of time (and with more even heat distribution), all while maintaining maximum energy efficiency.



- ► Available capacities in kBtu/h: 9, 12, 15, 18
- ► Hot-start technology
- ► Whisper-quiet operation

### INDOOR UNITS FOR MULTI-ZONE SYSTEMS (MXZ-C COMPATIBLE)

#### **SVZ DUCTED AIR HANDLER**

This air handler is ideal for both system replacement and efficient cooling and heating in ducted applications.

- Available capacities in kBtu/h: 12, 18, 24, 30, 36
- ► Upflow, horizontal left, horizontal right configurations
- ► Optional electric heat kits
- ► Condensation overflow switch connection
- ► Humidifier and ERV interface connections
- ► Auxiliary heat control connections

#### **SEZ HORIZONTAL-DUCTED HEAT PUMPS**

SEZ ducted units provide comfort and efficiency while staying hidden either in the ceiling or beneath the floor and work well with existing ductwork

- ► Available capacities in kBtu/h: 9, 12, 15, 18
- ▶ Built-in condensate lift mechanism (up to 21-11/16")
- ► Also available for single-zone application

#### PEAD HORIZONTAL-DUCTED HEAT PUMPS

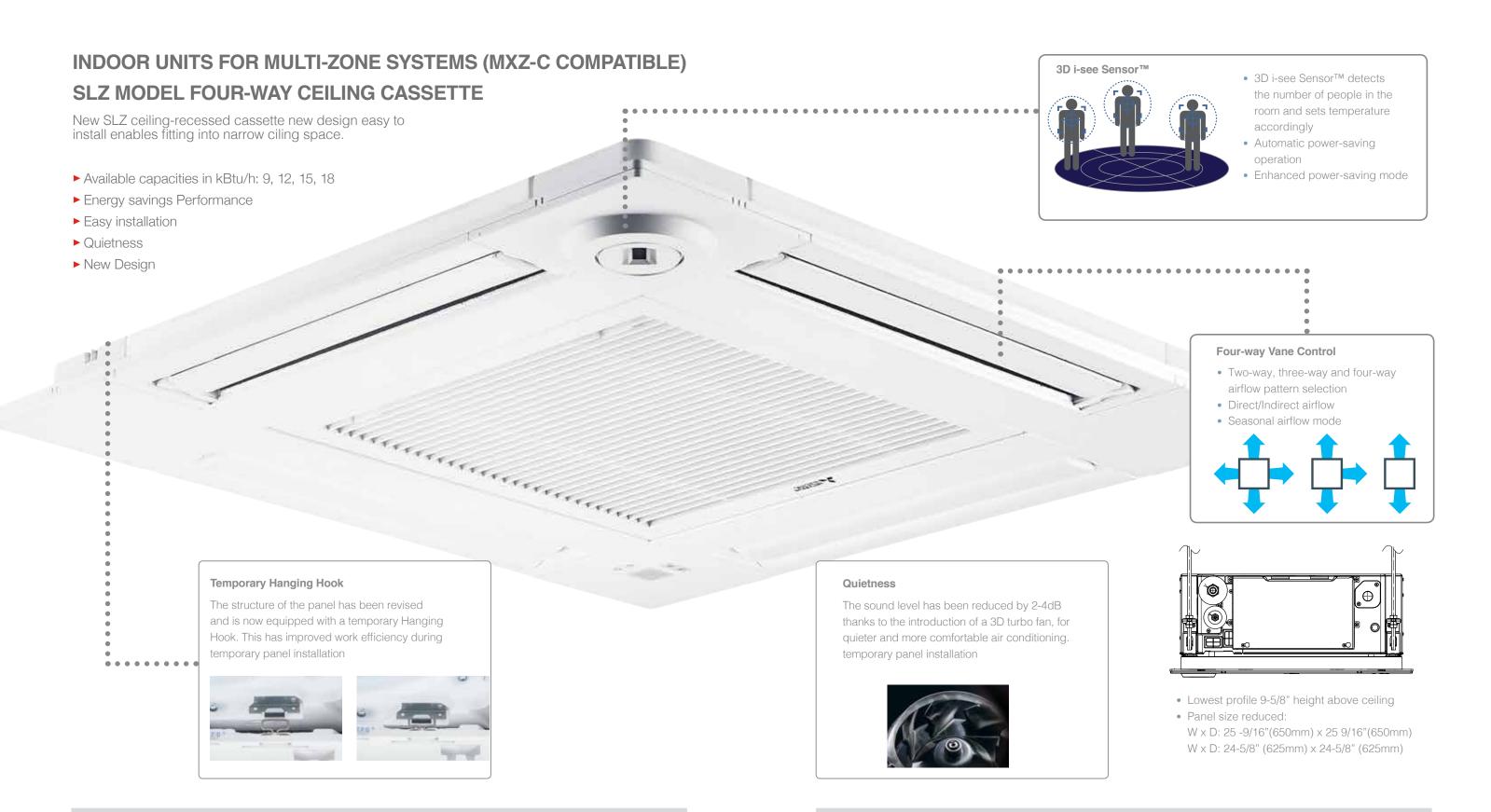
- ► Available capacities in kBtu/h: 9, 12, 15, 18, 20, 24, 30, 36
- ► INVERTER-driven compressor
- ▶ Built-in condensate lift mechanism (up to 27-9/16")
- ► Static capability up to 0.60 in. wg
- ▶ Option filter box with MERV-13 filters
- ► Interlock with Lossnay®
- ► 2-stages of supplemental heat control





Select PLA and PCA models are also compatible with select multi-zone MXZ-C systems.

For full MXZ-C combinations list, visit www.mitsubishicomfort.com/products/outdoor-units/multi-zone-cooling-and-heating/compare



Fits between

16" joists.

### INDOOR UNITS FOR MULTI-ZONE SYSTEMS (MXZ-C COMPATIBLE)

#### **MLZ ONE-WAY CEILING CASSETTE HEAT PUMPS**

The MLZ one-way cassette can easily be mounted between the joists, making this product ideal for retrofit or new construction projects.

- ► Built-in condensate lift mechanism (19-11/16")
- ► Available capacities in kBtu/h: 09, 12, 18
- ► Flexible air flow direction: left/right and up/down
- ▶ 4 fan speeds plus auto fan mode



The MLZ comes with flexible drain joints, and insulation material pretreatment eliminates the need for wrapping.

Interior pocket to hold Wireless Interface for kumo cloud® app.



Washable antibacterial and deodorizing filter. 3D surface provides better dust collection.

.....

Optional silver-iodized air purifier filter available (MAC-408FT-E). This filter captures and neutralizes bacteria, pollen and other airborne allergens.

Fully serviceable from bottom. No access panel required.



### **CONTROLLERS**

### MANAGE YOUR COMFORT FROM ANYWHERE WITH kumo cloud









Did you forget to turn off your unit before leaving for vacation? You don't have a worry in the world when you have the kumo cloud app. You can change temperatures, set and store a schedule, and much more from anywhere. It really is comfort made personal.

#### Anytime, Anywhere Control

kumo cloud gives you the ability to effortlessly control your home's comfort. Whether you're out for the day or the month, looking to cool down or warm up, kumo cloud gives you control from any smart phone, tablet or web browser.

#### **Program and Schedules**

kumo cloud walks you through a five-step process to easily schedule the mode, set temperature and fan speed, for an individual zone or several zones at once.

#### **Easily Zoned**

Once your Wireless Interface is installed on your indoor unit by a trained HVAC professional, the indoor unit will discover the app. Name your indoor units, create groups, and organize multiple properties from one user-friendly app. A trained HVAC professional installs a Wireless Interface for each indoor unit.

#### **Check Filter Status**

You never have to manually check a filter again. kumo cloud can tell you the status of any filter in your system at any time.

#### **SPECIFICATIONS AND REQUIREMENTS**

- ► Now compatible with M-Series, P-Series and CITY MULTI® systems
- ▶ kumo cloud allows for a Mitsubishi Electric indoor unit to be controlled remotely or locally with the app and web service
- ► For product information go to kumocloud.com
- ► Ability to group units and organize groups into sites
- ► Batch command units
- ► Ability to program events and scheduling into the unit itself
- ► Available in Fahrenheit or Celsius
- ► Easy to connect the device to your router using the kumo cloud app
- Each indoor unit must be equipped with a Mitsubishi Electric Wireless Interface (PAC-USWHS002-WF-1) installed by a licensed contractor
- Secure boot to prevent unauthorized reprogramming of Wireless Interface
- ► Intuitive initial settings feature for M- & P-Series equipment

Mitsubishi Electric offers a wide variety of options when it comes to controlling your comfort. Whatever your need, we have the solution to effortlessly adjust your Zoned Comfort Solutions®.

#### MHK1 WIRELESS REMOTE CONTROLLER KIT

With the MHK1 Wireless Remote Controller Kit. comfort control has never been easier. It installs anywhere with a simple wall-mounted design, and its large, back-lit screen makes it very easy to read. Operation modes include cool, drying, auto, heat, and fan. Optimal start eliminates the guesswork when setting a schedule. This function allows the remote controller to "learn" how long your Zoned Comfort Solution takes to reach the programmed temperature setting, so the temperature is reached at the time you set.

PORTABLE CENTRAL CONTROLLER

When paired with the MHK1 Wall-Mounted Controller, the Portable Central Controller (MCCH1) can monitor and control on/off mode and set your desired temperature. It also has scheduled override capability and displays outside air temperature and humidity when paired with the outside air sensor.

The basic MHK1 Wireless Remote Controller Kit includes a Wireless Wallmounted Remote

Controller and a Wireless Receiver located with the indoor wall or ceiling-mounted unit. You may choose to enhance your control convenience and flexibility with an optional Portable Central

#### **OUTSIDE AIR SENSOR**

The Outside Air Sensor (MOS1) monitors outdoor air temperature and humidity and conveniently displays that information on the Portable Central Controller and the wallmounted controller.

Controller and Outside Air Sensor.



#### **WIRELESS REMOTE CONTROLLER**

- ► MODE: HEAT, COOL, AUTO, and DRY
- ► FAN: Adjusts fan speed
- ► STOP/START: A 24-hour ON/OFF timer
- ► VANE: Sets horizontal vane position
- ► TIME: Power off timer and clock adjustment
- ► Included with M-Series wall-mounted and floormounted systems
- ► Optional wall-mounted wireless, fully functional (MHK1) and wall-mounted wired controllers are available. (PAR-33MAA & PAC-YT53CRAU require a MAC-333IF-E interface for MSZ/Y and MFZ indoor units)



#### **ADDITIONAL FEATURES AVAILABLE ON CERTAIN MODELS**

- "Powerful Mode" function permits system to temporarily run at a lower/ higher temperature with an increased fan speed, which quickly brings the room to the optimum comfort level
- ► Wide Vane setting provides a wider horizontal air distribution on select models with wider cabinets
- ► Features vary by indoor model

#### PAR-CT01MAU-SB TOUCH MA REMOTE CONTROLLER

- ► User-friendly, customizable full color touch panel display
- ► Ability to add a custom logo on the display
- ► Large icons with 180 color patterns
- ► Daily and weekly timers
- ► Password protected
- ► Requires MAC-333IF-E for use with M-Series products
- ► The MELRemo app and Bluetooth® Low Energy (BLE) technology supports communication with smartphones or tablets in multiple languages.

#### PAR-33MAA BACK-LIT MA REMOTE CONTROLLER

- ► Room Temperature: displays room temperature sensed either at the indoor unit (default) or at the remote controller
- ► Set temperature range limit: from the Back-lit MA Controller, the set temperature range can be reduced for cool and heat modes
- ► Dimensions: 4-3/4" (w) x 3/4" (d) x 4-3/4" (h) (120 x 19 x 120mm)
- ► Requires MAC-333IF-E to use with M-Series. (refer to compatibility table for details)
- ► Setting screen for i-see Sensor<sup>™</sup> 3D, draft reduction mode

#### PAC-YT53CRAU SIMPLE MA CONTROLLER

- ► Controls group operation for up to 16 indoor units in a single group
- ► Set temperature range limit: simple MA-allowable set temperature range can be reduced for cool and heat modes
- ► Room temperature can be sensed either at the indoor unit (default) or at the Simple MA Controller
- ► Dimensions: 2-3/4" (w) x 9/16" (d) x 4-3/4" (h) (70 x 14.5 x 120 mm)
- ► Requires MAC-333IF-E to use with M-Series







#### PAC-US444CN-1 THERMOSTAT INTERFACE

- ► Control your Zoned Comfort Solution using a third-party 24VAC transformer
- ► Wires back to the indoor unit using CN105 to replace the return air temperature sensor
- ► Maximum wiring length: 39′ (12 m)
- ► Dimensions: 3.17 in (w) x 3.96 in (h) x 0.93 in (d) (80.6 x 100.6 x 23.7 mm)
- ► Exterior shell made of ABS resin
- ► Environment Conditions operating temperature range: Installation manual states that the temperature should be between 32° F and 104° F (0° C to 40° C)



#### PAC-UKPRC001-CN-1 BACNET® & MODBUS® INTERFACE

- ► Allows for a third-party Building Energy Management System (BEMS) to control a Mitsubishi Electric Cooling & Heating City Multi, M-Series or P-Series indoor unit
- ► Monitor and control one indoor unit with one BACnet & Modbus Interface
- ► Small, compact design
- Works with Mitsubishi Electric Cooling & Heating centralized and remote controllers
- ▶ Does not work with MHK1, Thermostat Interface or Wireless Interface
- ► Home/Commercial automation systems

#### MAC-333IF-E SYSTEM CONTROL INTERFACE

- Allows M-Series indoor units to communicate with the CITY MULTI<sup>®</sup> Controls Network via M-Net
- ► Provides an input to allow remote On/Off control of indoor unit
- ► Allows M-Series indoor units to connect to MHK1 Wall-Mounted Wireless Controller when using other MAC-333IF-E functions
- ► Allows M-Series indoor units to connect to a MA controller
- ► Power: 12V DC (supplied from indoor unit)





#### **BASE PAN HEATERS**

In colder climates where outdoor temperatures can drop to below freezing for longer than 72 hours straight, a base pan heater is a great way to limit ice buildup. Base pan heaters prevent freezing before water drains from the base pan.

- ► Heater is energized below 36° F
- Prevents ice from building up on the outdoor unit base when operating in heating mode for an extended period of time in a very low temperature, high humidity condition
- ► Controlled by outdoor unit



The DPLS2 Diamondback™ Drain Pan condensate control sensor shuts down your Zoned Comfort Solutions® if high condensate levels are detected in the drain pan, preventing possible leaks and damage.

- ► Meets the intent of International Mechanical Code "allowed exception to the secondary drain pan" requirement
- All solid state—no floats or other moving parts—draws power from indoor unit
- ► Compact size with no additional energy consumption



#### **QUICKSLING STANDS AND BRACKETS**

Strong and reliable mini-split stands are the mount of choice for M-Series outdoor units.

- ► Quick and easy to assemble
- ► Manufactured with heavy gauge steel
- ► Color-matched with thermally fused powder coat finish

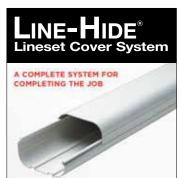


#### **FILTER BOXES**

Improve the air quality in your home with FB series filter boxes for the SEZ line of horizontal ducted units.

- ► FBL1 filter boxes include 1" thick, pleated MERV 8 filter(s) installed
- ► Tested in accordance with ANSI/ASHRAE Standard 52.2 and Rated Class 2 under U.L. Standard 900
- ► Screw-through design for easy mounting to an indoor unit
- ► Dimensions: 15-3/4" (I) x 3-1/4" (w) x 3-1/4" (h)





- Meets UL94v-0 for interior applications
- Has snap-on covers and a full selection of couplings, elbows, T-joints, caps, and more for any application: complex or simple
- Offers high-quality PVC with UV inhibitors for outdoor service in all weather conditions
- Can be painted with most house paints to match exterior decors
- Is not just for HVAC-Hides any exterior cabling, piping, or wiring
- Is available in four sizes: 3", 4", and 6" tubes
- One-year warranty

Download a brochure at www.line-hide.com to find out more information.

For a complete list of accessories, please visit www.mitsubishicomfort.com

			INDOOR UNIT														
	SERIES NAME		MSY-GL	MSY-D	MSZ-FH	MSZ-GL	MSZ-D	MSZ-JP	MSZ-HM	MSZ-WR	MSZ-EF	MFZ-KJ	MLZ	SLZ-KF	SEZ-KD	SVZ	PEAD
																	9, 12, 15, 18, 24, 30, 36, 42
	DEODORIZING FILTER	MAC-3000FT-E			✓												
	ANTI-ALLERGY ENZYME FILTER	MAC-408FT-E	✓			✓		✓	✓	✓		✓	✓				
m m	ANTI-ALLERGY ENZYME FILTER	MAC-1415FT-E		✓			✓										
듣	ELECTROSTATIC ANTI-ALLERGY ENZYME FILTER	MAC-2330FT-E			✓												
	ELECTROSTATIC ANTI-ALLERGY ENZYME FILTER	MAC-2320FT-E	24 🗸			24 ✓					✓						
	ELECTROSTATIC ANTI-ALLERGY ENZYME FILTER	MAC-2310FT-E															
	FILTER BOX WITH MERV 8 FILTERS	FBL 1-1													9 🗸		
	FILTER BOX WITH MERV 8 FILTERS	FBL 1-2							✓						12, 15 🗸		
BOX	FILTER BOX WITH MERV 8 FILTERS	FBL 1-3													18 ✓		
ILTE	FILTER BOX WITH MERV 13 FILTERS	FBM2-2															9, 12, 15, 18 🗸
L	FILTER BOX WITH MERV 13 FILTERS	FBM2-3															24, 30 🗸
	FILTER BOX WITH MERV 13 FILTERS	FBM2-4															36, 42 🗸
	WIRELESS SIGNAL RECEIVER	PAR-SA9CA-E													✓		
LESS IAL	WIRELESS SIGNAL RECEIVER	PAR-FA32MA-W												✓	✓	✓	✓
WIREL SIGN RECE	WIRELESS SIGNAL RECEIVER	PAR-FA32MA-E												✓	✓	✓	✓
	WIRELESS REMOTE RECEIVER PANEL	PAR-SF9FA-E												✓			
NOTE IR	WIRELESS REMOTE CONTROLLER	PAR-SL100A-E												✓			
REMO	WIRELESS REMOTE CONTROLLER	PAR-FL32MA-E				✓									✓	✓	
LESS	BACKLIT, WALL-MOUNTED, WIRELESS CONTROLLER	MHK1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
WIREL	PORTABLE CENTRAL CONTROLLER	MCCH1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	WIRED MA CONTROLLER"	PAR-33MAA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
6	SIMPLE MA CONTROLLER"	PAC-YT53CRAU	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ROLL	TOUCH MA CONTROLLER'1	PAR-CT01MAU-SB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
E CONT	AIRZONE ZBS WIRED BLUEFACE PRINCIPAL CONTROLLER WHITE	AZZBSBLUEFACECB														✓	✓
TOM	AIRZONE ZBS WIRED THINK CONTROLLER WHITE	AZZBSTHINKCB														✓	✓
ED 28	AIRZONE ZBS WIRELESS THINK CONTROLLER WHITE	AZZBSTHINKRB														✓	✓
WIR	AIRZONE ZBS WIRED LITE CONTROLLER WHITE	AZZBSLITECB														✓	✓
	AIRZONE ZBS WIRELESS LITE CONTROLLER WHITE	AZZBSLITERB														✓	✓
	WIRED REMOTE SENSOR	PAC-SE41TS-E	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NSOR	WIRED REMOTE SENSOR	M21-EAA-307	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
E SE	WIRELESS TEMPERATURE AND HUMIDITY SENSOR	PAC-USWHS003-TH-1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
EMO.	OUTSIDE AIR SENSOR FOR MHK1	MOS1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
<u> </u>	FLUSH MOUNT REMOTE TEMPERATURE SENSOR	PAC-USSEN001-FM-1												✓	✓	✓	✓
	SYSTEM CONTROL INTERFACE <sup>'2</sup>	MAC-333IF-E	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	WIRELESS INTERFACE	PAC-USWHS002-WF-1	1 🗸	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Щ	THERMOSTAT INTERFACE	PAC-US444CN-1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ERFAC	KUMO STATION	PAC-WHS01HC-E	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Ĭ.	USNAP INTERFACE	PAC-WHS01UP-E	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	IT EXTENDER	PAC-WHS01IE-E	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	BACNET® AND MODBUS® INTERFACE	PAC-UKPRC001-CN-1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

#### ✓ COMPATIBLE

<sup>&</sup>quot; MSY-D/GL: MSZ-FH/GL/D/HM/EF/JP/WR; MFZ AND MLZ INDOOR UNITS REQUIRES MAC-333IF-E

 $<sup>^{\</sup>circ}$  ALLOWS MSY-D/GL: MSZ-FH/GL/D/HM/EF/JP/WR; MFZ AND MLZ INDOOR UNITS TO CONNECT TO AN MA CONTROLLER

## 1965   March   Marc				INDOOR UNIT														
Companies for include Companies and an inclu		SERIES NAME		MSY-GL	MSY-D	MSZ-FH	MSZ-GL	MSZ-D	MSZ-JP	MSZ-HM	MSZ-WR	MSZ-EF	MFZ-KJ	MLZ	SLZ-KF	SEZ-KD	SVZ	PEAD
### PROFESSION CONTROL																		
Part		EXTERNAL FAN / HEATER CONTROL RELAY ADAPTER	CN24RELAY-KIT-CM3			✓							✓	✓	✓	✓	✓	✓
March   Marc		WIRE FOR REMOTE ON/OFF WITH CN32 CONNECTOR	PAC-715AD												✓	✓	✓	
Page	90.		PAC-725AD												✓	✓	✓	
Page	NECT	CONNECTOR CABLE FOR REMOTE DISPLAY	PAC-SA88HA-EP												✓	✓	✓	
CONTINUES   CONT	CON	CONNECTOR FOR CN32 (REMOTE ON/OFF)	PAC-SE55RA-E															✓
Bank   Septiment			RCMKP1CB	<b>✓</b>	✓	✓	✓	<b>√</b>	✓	<b>✓</b>	✓	✓	✓	✓				✓
BRILE PRODUCES   BRILE PRODUCES ACCOUNTY OF THE PROPERTY OF		REMOTE OPERATION ADAPTER*	PAC-SF40RM-E												✓	✓	✓	✓
A	4	GRILLE (REQUIRED)	MLP-444W											✓				
Page	GR	GRILLE (REQUIRED)	SLP-18FAU												✓			
REVIEWS TO SOTTOMER TOWNS   SERVICE ALL STREETS   STATE OF THE SOUTH AND A STATE OF THE SOUTH	Æ-		BRP-1													9 ✓		
Street   S	TOM I		BRP-2													12, 15 ✓		
No.   Commence deal principal Control Contro	BOT	The form of the second of the	BRP-3													18 ✓		
NUMBER   PROPRIET		BLUE DIAMOND SENSOR EXTENSION CABLE — 15 FT.	C13-103	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓		✓
NUM_NEAT_PER_PRIMES   CULTURE   P. PAPE   P.		BLUE DIAMOND ALARM EXTENSION CABLE — 6.5 FT.	C13-192	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓		
MINI COMPONENTIAL PUMP - 28 YOU, T APPLICATION  MINI COMPONENTIAL PUMP - 28 YO			C21-014	✓	✓	✓	<b>✓</b>	<b>√</b>	<b>✓</b>	<b>✓</b>	<b>√</b>	✓	✓		<b>√</b>	<b>✓</b>		
MICHABILIE ADVANCED RUE DIAGONOMO CONDORDISTE PURP   MADRIELLE ADVANCED RUE DUE ON CONDORDISTE PURP   MADRIELLE ADVANCED RUE DUE ADVANCED RUE DUE ON CONDORDISTE PURP   MADRIELLE ADVANCED RUE DUE ON CONDORDISTE PURP   MADRIELLE ADVANCED RUE DUE ADVANCED RUE DUE ON CONDORDISTE PURP   MADRIELLE ADVANCED RUE DUE ADVANCED		BLUE DIAMOND RUBBER FOOT PADS	F10-010	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓		
With RESERVOR A SENSOR PLANS CORRESPONDED AND CONCREMANT PLANS WITH RESERVOR A SENSOR PLANS WITH CONCREMANT PLANS WITH RESERVOR A SENSOR PLANS WITH CONCREMANT PLANS WITH PLANS		MINI CONDENSATE PUMP — 230 VOLT APPLICATION	SI30-230	<b>✓</b>	✓	✓	<b>√</b>	✓	✓	✓	<b>✓</b>	<b>√</b>	<b>√</b>		<b>✓</b>	<b>✓</b>		
PRIMADE REPORTED RESIDENCE ASSESSED RECORD FOR SERVING ASSESSED RESIDENCE ASSESSED RECORD R	NSATE		X87-835 - 110 TO 250V	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	<b>✓</b>	✓	✓	✓
RESERVOIR & SERVICE RELIE DELANGEMENTE PLANS (1100002200) UP 10 14,000 RTUN  MICHIGANIZA FUNDAM CONDENSATE PLANS (1100002200) UP 10 14,000 RTUN  FASICA KAY FOR MICHIGANE PLANS (1100002200) UP 10 14,000 RTUN  AND SERVICE PLANS (1100002200) UP 10 14,000 RTUN  AND SERVICE PLANS (1100002200) UP 10 14,000 RTUN  AND SERVICE PLANS (1100000000000000000000000000000000000	CONDE	PUMP W/ RESERVOIR & SENSOR (110V) UP TO 48,000 BTU/H	X87-711 - 110V	<b>✓</b>	✓	✓	<b>√</b>	<b>√</b>	✓	<b>✓</b>	<b>√</b>	<b>√</b>	<b>√</b>	✓			✓	
110/2002/2009 UP 07 1 16/00 8TU/N   176-016			X87-721 - 208/230V	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓
AND SENSOR DIRECTLY BENEATH THE INDOOR UNIT    THE -		(110/208/230V) UP TO 18,000 BTU/H				✓	✓	✓	✓	✓	✓	✓						
DOBARDOV/UL] [FTS 2" X 4" UTILITY BOX] - BLACK			T18-016				<b>✓</b>	✓			✓	✓						
SEPARATE POWER TERMINAL BLOCK KIT   SPTB1		DRAIN PAN LEVEL SENSOR	DPLS2	✓	✓	✓	<b>√</b>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	<b>✓</b>
SEPARATE POWER TERMINAL BLOCK KIT   SPTB1	NNECT	(30A/600V/UL) [FITS 2" X 4" UTILITY BOX] - BLACK	TAZ-MS303	<b>✓</b>	✓	✓	✓	✓	✓	✓	✓	✓	<b>✓</b>	✓	✓	✓	✓	✓
ELECTRIC HEAT LOCKOUT CONTROL	DISCO	(30A/600V/UL) [FITS 2" X 4" UTILITY BOX] - WHITE	TAZ-MS303W	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DOWNFLOW KIT   DFK-S   DOWNFLOW KIT   DFK-S   DOWNFLOW KIT   DFK-M	SEPARATI	E POWER TERMINAL BLOCK KIT	SPTB1														✓	
Now	ELECTRIC	HEAT LOCKOUT CONTROL	ETC-211000-000														✓	
SKW ELECTRIC HEATER	WN T	DOWNFLOW KIT	DFK-S														12, 18, 24 🗸	
SKW ELECTRIC HEATER	PLC KI	DOWNFLOW KIT	DFK-M														30, 36 🗸	
SKW ELECTRIC HEATER		3KW ELECTRIC HEATER	EH03-SVZ-S														12, 18, 24 🗸	
SKW ELECTRIC HEATER	SATS	5KW ELECTRIC HEATER	EH05-SVZ-S														12, 18, 24 🗸	
SKW ELECTRIC HEATER	뿔	8KW ELECTRIC HEATER	EH08-SVZ-S														18, 24 🗸	
	SE 2	5KW ELECTRIC HEATER	EH05-SVZ-M														30, 36 🗸	
	:LECT	8KW ELECTRIC HEATER	EH08-SVZ-M														30, 36 🗸	
		10KW ELECTRIC HEATER	EH10-SVZ-M							1							30, 36 ✓	

<sup>✓</sup> COMPATIBLE

<sup>\*</sup> UNABLE TO USE WITH WIRELESS REMOTE CONTROLLER

			OUTDOOR UNIT										
	SERIES NAME		MUY-GL	MUY-D	MUZ-FH	MUZ-FH	MUZ-GL	MUZ-D	MUZ-JP	MUZ-HM	MUZ-WR	MUFZ-KJ	SUZ
													9, 12, 15, 18, 24, 30, 36NA2
JOINT	PORT ADAPTER SIZE: 1/2" X 3/8"**	MAC-A455JP-E											12 🗸
_ 1 1 1	AIR OUTLET GUIDE	MAC-881SG	9, 12, 15 🗸		6, 9, 12 🗸	6, 9, 12 🗸	9, 12, 15 🗸		✓	9, 12, 15, 18 🗸	9, 12, 18 🗸	9, 12 🗸	9, 12, 15 🗸
AIR OUTLET GUIDE	AIR OUTLET GUIDE	MAC-886SG-E	18, 24 🗸		15, 18 🗸	15, 18 🗸	18, 24 🗸			24 🗸	24 🗸	15, 18 🗸	18, 24, 30, 36 🗸
	DRAIN SOCKET	MAC-860DS	✓		<b>✓</b>		<b>√</b>		✓		✓		
DRAIN	DRAIN SOCKET	MAC-811DS		✓				✓					
IONAL ROST ATER	OPTIONAL DEFROST HEATER	MAC-640BH-U	9, 12, 15 🗸			6, 9, 12 🗸				9, 12, 15, 18 🗸			9, 12, 15 🗸
OPTIC DEFR HEA'	OPTIONAL DEFROST HEATER	MAC-642BH-U1	18, 24 🗸			15, 18 🗸				24 ✓			18, 24, 30, 36 🗸
L L SDS	HAIL GUARD	HG-B4	9, 12, 15 🗸		6, 9, 12 🗸	6, 9, 12 🗸	9, 12, 15 🗸		✓	9, 12, 15, 18 🗸	9, 12, 18 🗸	9, 12 🗸	9, 12, 15 🗸
HAIL	HAIL GUARD	HG-A7	18, 24 🗸		15, 18 🗸	15, 18 🗸	18, 24 🗸			24 🗸	24 ✔	15, 18 🗸	18, 24, 30, 36 🗸
PAD	OUTDOOR UNIT 3-1/4 INCH MOUNTING BASE (PAIR) - PLASTIC	DSD-400P	✓	✓	✓	✓	✓	✓	<b>✓</b>	<b>✓</b>	<b>✓</b>	✓	✓
OUTDOOR L	CONDENSING UNIT MOUNTING PAD 16" X 36" X 3"	ULTRILITE1	✓	✓	✓	✓	<b>✓</b>	✓	<b>✓</b>	<b>✓</b>	✓	✓	✓
ND ND	OUTDOOR UNIT STAND — 12" HIGH	QSMS1201M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
OUTDOOR UNIT STAND	OUTDOOR UNIT STAND — 18" HIGH	QSMS1801M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
9 1	OUTDOOR UNIT STAND — 24" HIGH	QSMS2401M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L ŒT	HEAVY DUTY WALL MOUNTING BRACKET - COATED STEEL	QSWB2000M-1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
WALL	HEAVY DUTY WALL MOUNTING BRACKET – 316 SERIES STAINLESS STEEL	QSWBSS	✓	✓	✓	✓	✓	✓	<b>✓</b>	✓	<b>✓</b>	✓	✓
	15' X 1/4" X 15' / 3/8" LINESET (TWIN-TUBE INSULATION)	MLS143812T-15	9, 12 🗸		6, 9, 12 🗸	6, 9, 12 🗸	9, 12 🗸		✓	9, 12 🗸	9, 12 🗸	9, 12 🗸	9, 12, 15 🗸
	30' X 1/4" X 30' / 3/8" LINESET (TWIN-TUBE INSULATION)	MLS143812T-30	9, 12 🗸		6, 9, 12 🗸	6, 9, 12 🗸	9, 12 🗸		✓	9, 12 🗸	9, 12 🗸	9, 12 🗸	9, 12, 15 🗸
	50' X 1/4" X 50' / 3/8" LINESET (TWIN-TUBE INSULATION)	MLS143812T-50	9, 12 🗸		6, 9, 12 🗸	6, 9, 12 🗸	9, 12 🗸		✓	9, 12 🗸	9, 12 🗸	9, 12 🗸	9, 12, 15 🗸
	65' X 1/4" X 65' / 3/8" LINESET (TWIN-TUBE INSULATION)	MLS143812T-65	9,12 🗸		6,9,12 🗸	6, 9, 12 🗸	9, 12 🗸		✓	9, 12 🗸	9, 12 🗸	9, 12 🗸	9, 12, 15 🗸
	15' X 1/4" X 15' / 1/2" LINESET (TWIN-TUBE INSULATION)	MLS141212T-15	15, 18 🗸		15, 18 🗸	6, 15, 18 🗸	15, 18 🗸			15, 18 🗸	18 ✔	15, 18 🗸	18 🗸
	30' X 1/4" X 30' / 1/2" LINESET (TWIN-TUBE INSULATION)	MLS141212T-30	15, 18 🗸		15, 18 🗸	6, 15, 18 🗸	15, 18 🗸			15, 18 🗸	18 🗸	15, 18 🗸	18 🗸
h	50' X 1/4" X 50' / 1/2" LINESET (TWIN-TUBE INSULATION)	MLS141212T-50	15, 18 🗸		15, 18 🗸	6, 15, 18 🗸	15, 18 🗸			15, 18 🗸	18 ✔	15, 18 🗸	18 🗸
LINESET	65' X 1/4" X 65' / 1/2" LINESET (TWIN-TUBE INSULATION)	MLS141212T-65	15, 18 🗸		15, 18 🗸	6, 15, 18 🗸	15, 18 🗸			15, 18 🗸	18 ✓	15, 18 🗸	18 🗸
_ =	100' X 1/4" X 100' / 1/2" LINESET (TWIN-TUBE INSULATION)	MLS141212T-100	15, 18 🗸		15, 18 🗸	6, 15, 18 🗸	15, 18 🗸			15, 18 🗸	18 🗸	15, 18 🗸	18 🗸
	10' X 3/8" X 10' X 5/8" LINESET (TWIN-TUBE INSULATION)	MPLS385812T-10	24 🗸	✓			24 🗸	✓		24 🗸	24 🗸		24, 30, 36 🗸
	15' X 3/8" X 15' X 5/8" LINESET (TWIN-TUBE INSULATION)	MPLS385812T-15	24 🗸	✓			24 🗸	✓		24 🗸	24 🗸		24, 30, 36 🗸
	30' X 3/8" X 30' X 5/8" LINESET (TWIN-TUBE INSULATION)	MPLS385812T-30	24 🗸	✓			24 🗸	✓		24 🗸	24 🗸		24, 30, 36 🗸
	50' X 3/8" X 50' X 5/8" LINESET (TWIN-TUBE INSULATION)	MPLS385812T-50	24 🗸	✓			24 🗸	✓		24 🗸	24 🗸		24, 30, 36 🗸
	65' X 3/8" X 65' X 5/8" LINESET (TWIN-TUBE INSULATION)	MPLS385812T-65	24 🗸	✓			24 🗸	✓		24 🗸	24 🗸		24, 30, 36 🗸
	100' X 3/8" X 100' X 5/8" LINESET (TWIN-TUBE INSULATION)	MPLS385812T-100	24 🗸	✓			24 🗸	✓		24 🗸	24 🗸		24, 30, 36 🗸

<sup>✓</sup> COMPATIBLE

<sup>\*\*\*</sup> PEAD12/SUZ-KA12NA2

			OUTDOOR	UNIT											
	SERIES NAME		MXZ C-SEF	RIES						MXZ C-SERIES					
			MXZ-							MXZ-					
	1	I	2C20NA2	3C24NA2	3C30NA2	4C36NA2	5C42NA2	8C48NA	8C60NA	2C20NAHZ2	3C24NAHZ2	3C30NAHZ2	4C36NAHZ	5C42NAHZ	8C48NAHZ
DISTRIBUTION PIPE FOR BRANCH BOX	FLARE CONNECTION	MSDD-50AR-E						✓	<b>✓</b>				✓	✓	<b>✓</b>
DISTRII PIPE BRANC	BRAZED	MSDD-50BR-E						✓	✓				✓	✓	<b>✓</b>
	PORT ADAPTER SIZE: 3/8" X 5/8"	PAC-SG76RJ-E	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	PORT ADAPTER SIZE: 1/4" X 3/8"	PAC-493PI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
E E	PORT ADAPTER SIZE: 3/8" X 1/2"	MAC-A454JP-E	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
JOINT	PORT ADAPTER SIZE: 1/2" X 3/8"	MAC-A455JP-E	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	PORT ADAPTER SIZE: 1/2" X 5/8"	MAC-A456JP-E	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	PORT ADAPTER SIZE: 3/4" X 5/8"	ADP-5834							✓						
ВОХ	BRANCH BOX	PAC-MKA51BC						✓	✓				✓	✓	✓
Ş	BRANCH BOX	PAC-MKA31BC						✓	✓				✓	✓	✓
BRAN	BRANCH BOX OUTER COVER	BBE-1						✓	✓				✓	✓	✓
LET DE	AIR OUTLET GUIDE	MAC-856SG	✓												
AIR OUTLET GUIDE	AIR OUTLET GUIDE***	PAC-SH96SG-E		✓	✓	✓	✓	<b>√</b> ***	<b>√</b> ***	✓	✓	✓	<b>√</b> ***	<b>√</b> ***	<b>√**</b> *
WIND	FRONT WIND BAFFLE	WB-PA3						<b>√</b> ***	<b>√</b> ***				<b>√</b> ***	<b>√</b> ***	<b>√</b> ***
VIN	DRAIN SOCKET	PAC-SG60DS-E		✓	✓	✓	✓								
DRAIN	DRAIN SOCKET	PAC-SG61DS-E						✓	✓						
AL ST	OPTIONAL DEFROST HEATER	PAC-645BH-E		✓	✓	✓	✓								
OPTIONAL DEFROST HEATER	OPTIONAL DEFROST HEATER	PAC-646BH-E	✓												
A II	OPTIONAL DEFROST HEATER	PAC-SJ20BH-E						✓	✓						
CENTRALIZ	ZED DRAIN PAN	PAC-SH97DP-E						✓	✓				✓	✓	✓
M-NET CON	NVERTER	PAC-IF01MNT-E	✓	✓	✓	✓	✓			✓	✓	✓			
	REFRIGERATION BALL VALVE-FLARE/SCHRADER/ INSULATED — 1/2" SIZE	BV12FFSI2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
VALVE	REFRIGERATION BALL VALVE-FLARE/SCHRADER/ INSULATED — 1/4" SIZE	BV14FFSI2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
BALL	REFRIGERATION BALL VALVE-FLARE/SCHRADER/ INSULATED — 3/8" SIZE	BV38FFSI2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	REFRIGERATION BALL VALVE-FLARE/SCHRADER/ INSULATED — 5/8" SIZE	BV58FFSI2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Ø	HAIL GUARD	HG-A1					✓			✓	✓	✓			
UARD	HAIL GUARD	HG-A2						✓	✓				✓	✓	✓
HAIL GUARDS	HAIL GUARD	HG-A8	✓												
ヹ	HAIL GUARD	HG-A9		✓	✓	✓									
UNIT	OUTDOOR UNIT 3-1/4 INCH MOUNTING BASE (PAIR) - PLASTIC	DSD-400P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
OUTDOOR UNIT	CONDENSING UNIT MOUNTING PAD 16" X 36" X 3"	ULTRILITE1	✓	✓	✓	✓	✓	✓	✓	✓	<b>✓</b>	✓	✓		✓
OUT	CONDENSING UNIT MOUNTING PAD 24" X 42" X 3"	ULTRILITE2					✓					✓	✓	✓	

<sup>✓</sup> COMPATIBL

<sup>\*\*\* 8</sup>C48/8C60 REQUIRES TWO (2) PIECES

			OUTDOOR	UNIT											
	SERIES NAME		MXZ C-SEF	RIES						MXZ C-SERIES					
			MXZ-							MXZ-					
		_	2C20NA2	3C24NA2	3C30NA2	4C36NA2	5C42NA2	8C48NA	8C60NA	2C20NAHZ2	3C24NAHZ2	3C30NAHZ2	4C36NAHZ	5C42NAHZ	8C48NAHZ
0	OUTDOOR UNIT STAND — 12" HIGH	QSMS1201M	✓	✓	✓	✓	✓			✓	✓	✓			
STANI	OUTDOOR UNIT STAND — 18" HIGH	QSMS1801M	✓	✓	✓	✓	✓			✓	✓	✓			
TIN	OUTDOOR UNIT STAND – 24" HIGH	QSMS2401M	✓	✓	✓	✓	✓			✓	✓	✓			
00R L	OUTDOOR UNIT STAND — 12" HIGH	QSMS1202M						✓	✓				✓	✓	✓
OUTD	OUTDOOR UNIT STAND — 18" HIGH	QSMS1802M						✓	✓				✓	✓	✓
	OUTDOOR UNIT STAND – 24"HIGH	QSMS2402M						✓	✓				✓	✓	✓
L ET	HEAVY DUTY WALL MOUNTING BRACKET - COATED STEEL	QSWB2000M-1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
WALL	HEAVY DUTY WALL MOUNTING BRACKET – 316 SERIES STAINLESS STEEL	QSWBSS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	15' X 1/4" X 15' / 3/8" LINESET (TWIN-TUBE INSULATION)	MLS143812T-15	✓	✓	✓	✓	✓			✓	✓	✓			
	30' X 1/4" X 30' / 3/8" LINESET (TWIN-TUBE INSULATION)	MLS143812T-30	✓	✓	✓	✓	✓			✓	✓	✓			
	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	✓	✓	✓	✓	✓			✓	✓	✓			
	15' X 1/4" X 15' / 1/2" LINESET (TWIN-TUBE INSULATION)	MLS141212T-15		✓	✓	✓	✓				✓	✓			
	30' X 1/4" X 30' / 1/2" LINESET (TWIN-TUBE INSULATION)	MLS141212T-30		✓	✓	✓	✓				✓	✓			
	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		✓	✓	✓	✓				✓	✓			
LINESE.	100' X 1/4" X 100' / 1/2" LINESET (TWIN-TUBE INSULATION)	MLS141212T-100		✓	✓	✓	✓				✓	✓			
=	10' X 3/8" X 10' X 5/8" LINESET (TWIN-TUBE INSULATION)	MPLS385812T-10						✓					✓	✓	✓
	15' X 3/8" X 15' X 5/8" LINESET (TWIN-TUBE INSULATION)	MPLS385812T-15						✓					✓	✓	✓
	30' X 3/8" X 30' X 5/8" LINESET (TWIN-TUBE INSULATION)	MPLS385812T-30						✓					✓	✓	✓
	50' X 3/8" X 50' X 5/8" LINESET (TWIN-TUBE INSULATION)	MPLS385812T-50						✓					✓	✓	✓
	65' X 3/8" X 65' X 5/8" LINESET (TWIN-TUBE INSULATION)	MPLS385812T-65						✓					✓	✓	✓
	100' X 3/8" X 100' X 5/8" LINESET (TWIN-TUBE INSULATION)	MPLS385812T-100						✓					✓	✓	✓
	15' X 3/8" X 15' / 3/4" LINESET (TWIN-TUBE INSULATION)	MPLS383412T-15							✓						
	50' X 3/8" X 50' / 3/4" LINESET (TWIN-TUBE INSULATION)	MPLS383412T-50							<b>✓</b>						

✓ COMPATIBLE



# SINGLE-ZONE | MSY-GL | COOLING ONLY



	Indoor Unit		MSY-GL09NA	MSY-GL12NA	MSY-GL15NA	MSY-GL18NA	MSY-GL24NA
Model Name	Outdoor Unit		MUY-GL09NA	MUY-GL12NA	MUY-GL15NA	MUY-GL18NA	MUY-GL24NA
	Rated Capacity	Btu/h	9,000	12,000	14,000	18,000	22,500
	Capacity Range	Btu/h	3,600-12,200	1,500-13,600	3,100-18,200	5,800-22,000	8,200-31,400
	Rated Power Input	W	585	920	1,080	1,340	1800
Cooling *1	Energy Efficiency	SEER	24.6	23.1	21.6	20.5	20.5
			1.5	2.5	2.7	2.1	5.1
	Moisture Removal	Pints/h					
Dower	Sensible Heat Factor		0.820	0.770	0.780	0.870	0.750
Power Supply *2	Phase, Cycle, Voltage				1 Phase, 60Hz, 208/230V		
	Indoor-Outdoor S1 – S2				AC 208/230V		
Voltage	Indoor-Outdoor S2-S3			,	DC ±24V		
	Indoor-Remote Controller			Wireless 1	ype (Optional Wired Controll	er: DC 12V)	
	MCA	Α			1.0		
	Blower Motor (ECM)	F.L.A.	45 470 0	0.76	T 005 070 005 400 500	0.67	0.76
	Airflow at Cooling	DRY (CFM)		37-321-399	205-272-335-420-533	258-332-417-522-646	388-469-544-628-738
	(Quiet-Lo-Med-Hi-Super Hi)*1	WET (CFM)	109-134-2	01-286-364	170-237-300-385-498	232-299-375-470-581	347-420-487-562-661
	Sound Pressure Level at Cooling (Quiet-Lo-Med-Hi-Super Hi)*1	dB(A)	19-22-30-37-43	19-22-30-37-45	26-32-38-44-49	28-33-38-44-49	34-41-45-49-53
Indoor Unit	External Finish Color	1			Munsell 1.0Y 9.2 / 0.2	<u> </u>	
	External runor color	W: In.		31-7/16	mandon not ole / ole	36-5/16	43-5/16
	Dimension Unit	D: In.		9-13/16	9-3/8		
	Difficusion offic	H: In.		9-1/8 11-5/8		12	12-13/16
	Weight Unit	Lbs.		22		28	37
	Field Drainpipe Size 0.D.	In.			5/8	20	31
Remote Controller	Туре			Compatible with r	nultiple controls options incl	uding kumo cloud <sup>®</sup>	
CONTROLLE	MCA	A		7	9	14	17.1
	MOCP	A			15		20
	Fan Motor (ECM)	F.L.A.		0.50		0	.93
		Model	DO 1411/ED3	TED 1:			
	0	(Type)	DC INVER	TER-driven	DC	INVERTER-driven Twin Ro	tary
	Compressor	R.L.A.	4	.9	6.8	10.0	12.9
		L.R.A.	6	.1	8.5	12.5	16.1
Outdoor Unit	Airflow (Cooling)	CFM	1,229	/1,172	1,243/1,229	1,691/1,691	1,769/1,701
	Refrigerant Control				Linear Expansion Valve		
	Sound Pressure Level at Cooling *1	dB(A)	48		49	54	55
	External Finish Color				Munsell No. 3Y 7.8 / 1.1		
		W: In.		31-1/2			1/16
	Dimensions	D: In.		11-1/4			13
		H: In.		21-5/8		34	-5/8
	Weight	Lbs.		81		121	119
	Туре						
Refrigerant	Charge	Lbs., Oz.		3, 9	4, 3		
	Oil	Type (fl. oz.)	FV50S (9.1)		FV50S (13.5)		
Refrigerant	Gas Side O.D.	ln.	3	/8	1,	/2	5/8
Pipe	Liquid Side O.D.	ln.			1/4		3/8
Refrigerant	Height Difference (Max.)	Ft		40		,	50
Pipe Length	Length (Max.)	Ft		65		1	00
	†						

NOTES: Test conditions are based on AHRI 210/240.

LIMITED WARRANTY I Five years parts and seven years compressor.

 $<sup>^{\</sup>star}$ 1. Rating conditions (cooling) — Indoor D.B. 80° F (27° C), W.B. 67° F (19° C); Outdoor: D.B. 95° F (35° C), W.B. 75° F (24° C).

<sup>\*2.</sup> Indoor units receive power from outdoor units through field-supplied interconnected wiring. Specifications are subject to change without notice.

# SINGLE-ZONE | MSY-D | COOLING ONLY



	Indoor Unit		MSY-D30NA-8	MSY-D36NA-8			
Model Name	Outdoor Unit		MUY-D30NA-1	MUY-D36NA-1			
	Rated Capacity	Btu/h	30,700	34,600			
	Capacity Range	Btu/h	9,800–30,700	9,800-34,600			
Cooling *1	Total Input	W	3,380 (620–3,380)	4,240 (620-4,240)			
Cooling *1	Energy Efficiency	SEER	16	15.1			
	Moisture Removal	Pints/h	9.9	11.9			
	Sensible Heat Factor		0.64	0.62			
Power Supply *2	Phase, Cycle, Voltage			lz, 208/230V			
	Indoor-Outdoor S1 – S2		AC 208	3/230V			
Voltage	Indoor-Outdoor S2-S3		DC :	±24V			
	Indoor-Remote Controller		Wireless Type (Optional \	Vired Controller: DC 12V)			
	MCA	Α	1	.0			
	Blower Motor (ECM)	F.L.A.	0.	76			
	Airflow at Cooling	DRY (CFM)	389-639	-848-887			
	(Lo-Med-Hi-Powerful)*1	WET (CFM)	350-576	-763-798			
	Sound Pressure Level at Cooling (Lo-Med-Hi-Powerful) *1	dB(A)	32-42	-49-51			
Indoor Unit	External Finish Color	1	Munsell No.	1.0Y 9.2 / 0.2			
		W: In.		1/16			
	Dimension Unit	D: In.		5/8			
		H: In.		3/8			
	Weight Unit	Lbs.		0			
	Field Drainpipe Size O.D.	In.		/8			
Remote Controller	Туре		Compatible with multiple control	s options including kumo cloud®			
	MCA	Α		1			
	MOCP	Α	2	5			
	Fan Motor (ECM)	F.L.A.	0.	93			
		Model (Type)	DC INVERTER-dr	iven Twin Rotary			
	Compressor	R.L.A.	1	6			
		L.R.A.	2	0			
Outdoor Unit	Airflow (Cooling)	CFM	1,9	941			
Outdoor Offic	Refrigerant Control		Linear Expa	ınsion Valve			
	Sound Pressure Level at Cooling *1	dB(A)	55	56			
	External Finish Color		Munsell No.	3Y 7.8 / 1.1			
		W: In.	33-	1/16			
	Dimensions	D: In.	1	3			
		H: In.	33-	7/16			
	Weight	Lbs.	1:	26			
	Туре	•	R4	10A			
Refrigerant	Charge	Lbs., Oz.		1			
•	Oil	Type (fl. oz.)	NE022	(29.4)			
Defriescent Dine	Gas Side O.D. In. 5/8						
Refrigerant Pipe	Liquid Side O.D. In. 3/8						
Defrice yout Dine Levelle	Height Difference (Max.) Ft 50						
Refrigerant Pipe Length	Length (Max.)	Ft	11	00			
Connection Method	Indoor/Outdoor		Flared/Flared				

NOTES: Test conditions are based on AHRI 210/240.

Specifications are subject to change without notice.

LIMITED WARRANTY I Five years parts and seven years compressor.

# SINGLE-ZONE | MSZ-FH | HEAT PUMP



Model N	Indoor Unit		MSZ-FH06NA	MSZ-FH09NA	MSZ-FH12NA	MSZ-FH15NA	MSZ-FH18NA2		
Model Name	Outdoor Unit		MUZ-FH06NA(H)	MUZ-FH09NA(H)	MUZ-FH12NA(H)	MUZ-FH15NA(H)	MUZ-FH18NA(H)2		
	Rated Capacity	Btu/h	6,000	9,000	12,000	15,000	17,200		
	Capacity Range	Btu/h	1,700-9,000	1,700-12,000	2,500-13,600	6,450-19,000	6,450-21,000		
	Rated Power Input	W	315	560	870	1,200	1,375		
Cooling *1	Energy Efficiency	SEER	33.1	30.5	26.1	22.0	21.0		
	Moisture Removal	Pints/h	0.2	0.6	1.9	4.0	4.8		
	Sensible Heat Factor	1 11113/11	0.960	0.920	0.830	0.700	0.690		
	Rated Capacity	Btu/h	8,700	10,900	13,600	18,000	20,300		
11	Capacity Range		1,600-14,000	1,600-18,000	3,700-21,000	5,150-24,000	5,150-30,000		
Heating at 47° F *2	Rated Power Input	Btu/h W	545	710	950	1,300	1,720		
at 47 1 2				13.5(12.5)		·			
	HSPF (IV)	Btu/h/W	13.5(12.5)	` '	12.5(11.5)	12.0(11.0)	12.0(11.0)		
Heating	Rated Capacity	Btu/h	5,900	6,700	8,000	11,000	13,700		
at 17° F *3	Rated Power Input	W	500	600	720	1,020	1,320		
	Maximum Capacity	Btu/h	10,700	12,200	13,600	18,000	20,300		
Heating at 5° F	Maximum Capacity	Btu/h	8,700	10,900	13,600	18,000	20,300		
Power Supply *4	Phase, Cycle, Voltage				1 Phase, 60Hz, 208/230V	,			
	Indoor — Outdoor S1 – S2				AC 208 / 230V				
Voltage	Indoor - Outdoor S2-S3				DC ±24V				
	Indoor — Remote Controller			Wireless Typ	e (Optional Wired Contro	oller: DC12V)			
	MCA	А			1.0				
	Blower Motor (ECM)	F.L.A.			0.67				
	Airflow at Cooling	DRY (CFM)	137-167-221-304-381	137-167-221-304-381	137-167-221-304-398	225-262-304-355-411	225-262-304-355-		
	(Quiet — Low — Med. — High — Super Hi) *1	WET (CFM)	117-143-190-261-328	117-143-190-261-328	117-143-190-261-342	194-225-261-305-354	194-225-261-305-		
	Airflow at Heating (Quiet — Low — Med. — High — Super Hi) *2	DRY (CFM)	140-167-225-325-437	140-167-225-325-437	140-167-225-325-454	201-254-317-394-497	201-254-317-394-5		
Indoor Unit	Sound Pressure Level at Cooling (Quiet — Low — Med. — High — Super Hi) *1	dB(A)	20-23-29-36-40 21-24-29-36-41			27-31-35-39-44	27-31-35-39-47		
	Sound Pressure Level at Heating (Quiet — Low — Med. — High — Super Hi) *2	dB(A)	20-24-2	9-36-42	21-24-29-36-42	25-29-3	4-39-46		
	External Finish Color				Munsell No. 1.0Y 9.2 / 0.2	)			
	External Fillish Color	W: In.			36-7/16	-			
	Dimension Unit	D: In.	9-3/16						
	Difference of the	H: In.		12(+11/16)					
	Weight Unit	Lbs.			29				
	Field Drainpipe Size O.D.	In.			5/8				
	Fleid Drainpipe Size O.D.	ın.			5/8				
Damata				Compatible with m	ultiple controls options incl	uding kumo cloud <sup>®</sup>			
Remote	Type					- 10			
Remote Controller	1	Δ.		11					
	MCA	A		11		16	16		
	MCA MOCP	А		15		2	0		
	MCA	A F.L.A.		15 0.50	AN/EDTED	2	0		
	MCA MOCP Fan Motor (ECM)	A F.L.A. Model (Type)		15 0.50 DC I	NVERTER-driven Twin Ro	2 0.: otary	93		
	MCA MOCP	A F.L.A. Model (Type) R.L.A.		15 0.50 DC I 8.2	NVERTER-driven Twin Re	2 0.: otary 12	93		
	MCA MOCP Fan Motor (ECM)  Compressor	A F.L.A. Model (Type) R.L.A. L.R.A.		15 0.50 DC I 8.2 10.3		2 0.: otary 12 15	993 2.0 5.0		
	MCA MOCP Fan Motor (ECM)	A F.L.A. Model (Type) R.L.A.	1,074/1,202	15 0.50 DC I 8.2		2 0.: otary 12	993 2.0 5.0		
	MCA MOCP Fan Motor (ECM)  Compressor  Airflow (Cooling/Heating) Refrigerant Control	A F.L.A. Model (Type) R.L.A. L.R.A.	1,074/1,202	15 0.50 DC I 8.2 10.3	/1,202 Linear Expansion Valve	2 0.: otary 12 15	993 2.0 5.0		
	MCA MOCP Fan Motor (ECM)  Compressor  Airflow (Cooling/Heating) Refrigerant Control Defrost Method	A F.L.A. Model (Type) R.L.A. L.R.A.	1,074/1,202	15 0.50 DC I 8.2 10.3	/1,202	2 0.: otary 12 15	93 2.0 5.0		
Controller	MCA MCCP Fan Motor (ECM)  Compressor  Airflow (Cooling/Heating) Refrigerant Control Defrost Method Sound Pressure Level at Cooling *1	A F.L.A. Model (Type) R.L.A. L.R.A.	1,074/1,202	15 0.50 DC I 8.2 10.3	/1,202 Linear Expansion Valve	2 0.: otary 12 15	93 2.0 5.0		
Controller	MCA MOCP Fan Motor (ECM)  Compressor  Airflow (Cooling/Heating) Refrigerant Control Defrost Method Sound Pressure Level at Cooling *1  Sound Pressure Level at Heating *2	A F.L.A. Model (Type) R.L.A. L.R.A. CFM		15 0.50 DC I 8.2 10.3	/1,202 Linear Expansion Valve Reverse Cycle 49 51	2 0.: otary 12 15 1,692/	0 93 2.0 5.0 71,634		
Controller	MCA MOCP Fan Motor (ECM)  Compressor  Airflow (Cooling/Heating) Refrigerant Control Defrost Method Sound Pressure Level at Cooling *1 Sound Pressure Level	A F.L.A. Model (Type) R.L.A. L.R.A. CFM	47	15 0.50 DC I 8.2 10.3 1,074	/1,202 Linear Expansion Valve Reverse Cycle 49	2 0 otary 12 15 1,692/	0 93		
Controller	MCA MOCP Fan Motor (ECM)  Compressor  Airflow (Cooling/Heating) Refrigerant Control Defrost Method Sound Pressure Level at Cooling *1  Sound Pressure Level at Heating *2	A F.L.A. Model (Type) R.L.A. L.R.A. CFM	47	15 0.50 DC I 8.2 10.3 1,074	/1,202 Linear Expansion Valve Reverse Cycle 49 51	2 0 sotary 12 15 1,692/	0 93		
Controller	MCA MOCP Fan Motor (ECM)  Compressor  Airflow (Cooling/Heating) Refrigerant Control Defrost Method Sound Pressure Level at Cooling *1  Sound Pressure Level at Heating *2	A F.L.A. Model (Type) R.L.A. L.R.A. CFM  dB(A)	47	15 0.50 DC I 8.2 10.3 1,074/	/1,202 Linear Expansion Valve Reverse Cycle 49 51	2 0. otary 12 15 1,692/	0 93 2.0 6.0 71,634 52 55		
Controller	MCA MCCP Fan Motor (ECM)  Compressor  Airflow (Cooling/Heating) Refrigerant Control Defrost Method Sound Pressure Level at Cooling *1 Sound Pressure Level at Heating *2 External Finish Color	A F.L.A. Model (Type) R.L.A. L.R.A. CFM  dB(A)  dB(A)  W: In.	47	15 0.50 DC I 8.2 10.3 1,074/	/1,202 Linear Expansion Valve Reverse Cycle 49 51	2 0.: otary 12 15 1,692. 51 55	0 93 2.0 5.0 5.0 71,634 52 55		
Controller	MCA MCCP Fan Motor (ECM)  Compressor  Airflow (Cooling/Heating) Refrigerant Control Defrost Method Sound Pressure Level at Cooling *1 Sound Pressure Level at Heating *2 External Finish Color	A F.L.A. Model (Type) R.L.A. L.R.A. CFM  dB(A)  dB(A)  W: In. D: In.	47 48	15 0.50 DC I 8.2 10.3 1,074, 48 49 31-1/2 11-1/4	/1,202 Linear Expansion Valve Reverse Cycle 49 51	2 0.: otary 12 15 1,692. 51 55 33- 1 34-	0 93 2.0 5.0 71,634 52 55 11/16 3		
Controller	MCA MOCP Fan Motor (ECM)  Compressor  Airflow (Cooling/Heating) Refrigerant Control Defrost Method Sound Pressure Level at Cooling *1  Sound Pressure Level at Heating *2  External Finish Color  Dimensions  Weight	A F.L.A. Model (Type) R.L.A. L.R.A. CFM  dB(A)  dB(A)  W: In. D: In. H: In.	47 48	15 0.50 DC I 8.2 10.3 1,074/ 48 49 31-1/2 11-1/4 21-5/8	/1,202 Linear Expansion Valve Reverse Cycle 49 51 Munsell No. 3Y 7.8 / 1.1	2 0.: otary 12 15 1,692. 51 55 33- 1 34-	0 93 2.0 5.0 71,634 52 55 17/16 3 55/8		
Controller  Outdoor Unit	MCA MOCP Fan Motor (ECM)  Compressor  Airflow (Cooling/Heating) Refrigerant Control Defrost Method Sound Pressure Level at Cooling *1 Sound Pressure Level at Heating *2 External Finish Color  Dimensions  Weight Type	A F.L.A. Model (Type) R.L.A. L.R.A. CFM  dB(A)  dB(A)  W: In. D: In. H: In. Lbs.	47 48	15 0.50 DC I 8.2 10.3 1,074, 48 49 31-1/2 11-1/4 21-5/8	/1,202 Linear Expansion Valve Reverse Cycle 49 51 Munsell No. 3Y 7.8 / 1.1	2 0.: btary  12 15 1,692.  51 55  33- 1 34- 12	00 93 2.0 5.0 71,634 52 55 11/16 3 3,5/8		
Controller	MCA MOCP Fan Motor (ECM)  Compressor  Airflow (Cooling/Heating) Refrigerant Control Defrost Method Sound Pressure Level at Cooling '1 Sound Pressure Level at Heating '2 External Finish Color  Dimensions  Weight Type Charge	A F.L.A. Model (Type) R.L.A. L.R.A. CFM  dB(A)  dB(A)  W: In. D: In. H: In. Lbs.	47 48	15 0.50 DC I 8.2 10.3 1,074/ 48 49 31-1/2 11-1/4 21-5/8	/1,202 Linear Expansion Valve Reverse Cycle 49 51 Munsell No. 3Y 7.8 / 1.1	2 0: totary  12 15 1,692: 51 55 33- 1 34- 12 3,9	00 93 2.0 5.0 71,634 52 55 1/16 3 3 5/8 24		
Controller  Outdoor Unit  Refrigerant	MCA MOCP Fan Motor (ECM)  Compressor  Airflow (Cooling/Heating) Refrigerant Control Defrost Method Sound Pressure Level at Cooling '1 Sound Pressure Level at Heating '2 External Finish Color  Dimensions  Weight Type Charge Oil	A F.L.A. Model (Type) R.L.A. L.R.A. CFM  dB(A)  dB(A)  W: In. D: In. H: In. Lbs., Oz. Type (fl. oz.)	47 48	15 0.50 DC I 8.2 10.3 1,074/ 48 49 31-1/2 11-1/4 21-5/8	/1,202 Linear Expansion Valve Reverse Cycle 49 51 Munsell No. 3Y 7.8 / 1.1	2 0. otary 12 15 1,692/ 51 55 33-1 1 34- 17 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	0 93		
Controller  Outdoor Unit  Refrigerant	MCA MCCP Fan Motor (ECM)  Compressor  Airflow (Cooling/Heating) Refrigerant Control Defrost Method Sound Pressure Level at Cooling *1 Sound Pressure Level at Heating *2 External Finish Color  Dimensions  Weight Type Charge Oil Gas Side O.D.	A F.L.A. Model (Type) R.L.A. L.R.A. CFM  dB(A)  dB(A)  W: In. D: In. H: In. Lbs.  Lbs., Oz. Type (fl. oz.)	47 48	15 0.50 DC I 8.2 10.3 1,074/ 48 49 31-1/2 11-1/4 21-5/8	/1,202 Linear Expansion Valve Reverse Cycle 49 51 Munsell No. 3Y 7.8 / 1.1	2 0. otary 12 15 1,692/ 51 55 33-1 1 34- 17 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	00 93 2.0 5.0 71,634 52 55 1/16 3 3 5/8 24		
Controller  Outdoor Unit  Refrigerant Pipe	MCA MCCP Fan Motor (ECM)  Compressor  Airflow (Cooling/Heating) Refrigerant Control Defrost Method Sound Pressure Level at Cooling *1 Sound Pressure Level at Heating *2 External Finish Color  Dimensions  Weight Type Charge Oil Gas Side O.D. Liquid Side O.D.	A F.L.A. Model (Type) R.L.A. L.R.A. CFM  dB(A)  dB(A)  W: In. D: In. H: In. Lbs.  Lbs., Oz. Type (fl.oz.) In.	47 48	15 0.50 DC I 8.2 10.3 1,074, 48 49 31-1/2 11-1/4 21-5/8 11 2, 9 FV50S (11.8) 3/8	/1,202 Linear Expansion Valve Reverse Cycle 49 51 Munsell No. 3Y 7.8 / 1.1	2 0.: 5tary  12 15 1,692/  51 55  33- 1 34- 12 3, FV50S	0 93 2.0 5.0 5.0 7/1,634 52 55 55 55 7 7 7 5 (13.5) 72		
Controller  Outdoor Unit  Refrigerant Refrigerant Pipe Refrigerant	MCA MCCP Fan Motor (ECM)  Compressor  Airflow (Cooling/Heating) Refrigerant Control Defrost Method Sound Pressure Level at Cooling *1 Sound Pressure Level at Heating *2 External Finish Color  Dimensions  Weight Type Charge Oil Gas Side O.D. Liquid Side O.D. Height Difference (Max.)	A F.L.A. Model (Type) R.L.A. L.R.A. CFM  dB(A)  dB(A)  W: In. D: In. H: In. Lbs.  Lbs., Oz. Type (fl. oz.) In. In. Ft.	47 48	15 0.50 DC I 8.2 10.3 1,074/ 48 49 31-1/2 11-1/4 21-5/8 11 2, 9 FV50S (11.8) 3/8	/1,202 Linear Expansion Valve Reverse Cycle 49 51 Munsell No. 3Y 7.8 / 1.1	2 0.: 5tary 12 15 1,692. 51 55 33- 1 34- 12 55 55	52 55 1/16 3 5/8 24 7 6 (13.5)		
Controller  Outdoor Unit  Refrigerant Pipe	MCA MCCP Fan Motor (ECM)  Compressor  Airflow (Cooling/Heating) Refrigerant Control Defrost Method Sound Pressure Level at Cooling *1 Sound Pressure Level at Heating *2 External Finish Color  Dimensions  Weight Type Charge Oil Gas Side O.D. Liquid Side O.D.	A F.L.A. Model (Type) R.L.A. L.R.A. CFM  dB(A)  dB(A)  W: In. D: In. H: In. Lbs.  Lbs., Oz. Type (fl.oz.) In.	47 48	15 0.50 DC I 8.2 10.3 1,074, 48 49 31-1/2 11-1/4 21-5/8 11 2, 9 FV50S (11.8) 3/8	/1,202 Linear Expansion Valve Reverse Cycle 49 51 Munsell No. 3Y 7.8 / 1.1	2 0.: 5tary 12 15 1,692. 51 55 33- 1 34- 12 55 55	52 55 55 57 58 57 58 57 58 57 58 57 58 57 58 57 58 57 58 57 58 57 58 57 58 57 58 57 58 57 58 57 58 57 58 57 58 58 58 58 58 58 58 58 58 58 58 58 58		

NOTES: Test conditions are based on AHRI 210/240.

<sup>\*1.</sup> Rating conditions (cooling) — Indoor D.B. 80° F (27° C), W.B. 67° F (19° C); Outdoor: D.B. 95° F (35° C), W.B. 75° F (24° C).

<sup>\*2.</sup> Indoor units receive power from outdoor units through field-supplied interconnected wiring.

<sup>\*1.</sup> Rating conditions (cooling)-Indoor: D.B. 80° F (27° C), W.B. 67° F (19° C); Outdoor: D.B. 95° F (35° C), W.B. 75° F (24° C).

<sup>\*2.</sup> Rating conditions (heating)-Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 47° F (8° C), W.B. 43° F (6° C).

<sup>\*3.</sup> Rating conditions (heating)-Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 17° F (-8° C), W.B. 15° F (-9° C).

<sup>\*4.</sup> Indoor units receive power from outdoor units through field-supplied interconnected wiring. Specifications are subject to change without notice.

LIMITED WARRANTY I Seven-year warranty on compressor. Five-year warranty on parts.

# SINGLE-ZONE | MSZ-GL | HEAT PUMP

M-1-1-1-1	Indoor Unit		MSZ-GL09NA	MSZ-GL12NA	MSZ-GL15NA	MSZ-GL18NA	MSZ-GL24NA	
Model Name	Outdoor Unit		MUZ-GL09NA	MUZ-GL12NA	MUZ-GL15NA	MUZ-GL18NA	MUZ-GL24NA	
	Rated Capacity	Btu/h	9,000	12,000	14,000	18,000	22,400	
	Capacity Range	Btu/h	3,600-12,200	1,500 – 13,600	3,100-18,200	5,800-22,000	8,200-31,400	
Cooling *1	Rated Power Input	W	585	920	1,080	1,340	1,800	
	Energy Efficiency	SEER	24.6	23.1	21.6	20.5	20.5	
	Moisture Removal	Pints/h	1.5	2.5	2.7	2.1	5.1	
	Sensible Heat Factor		0.820	0.740	0.800	0.870	0.750	
	Rated Capacity	Btu/h	10,900	14,400	18,000	21,600	27,600	
Heating at 47° F *2	Capacity Range	Btu/h	4,500-15,900	2,000-18,100	4,800 – 20,900	5,400-25,000	7,500-36,900	
Ü	Rated Power Input	W	720	1,100	1,600	1,680	2,340	
	HSPF (IV)	Btu/h/W	12.8	12.5	11.7	11.2	10.0	
	Rated Capacity	Btu/h	6,700	9,200	12,200	13,800	16,000	
Heating at 17° F *3	Rated Power Input	W	630	870	1,190	1,435	1,712	
Heating at 5° F	Maximum Capacity	Btu/h Btu/h	10,200 8,170	12,000 9,790	16,400 13,680	18,200 14,900	24,600 19,320	
Power Supply *4	Maximum Capacity Phase, Cycle, Voltage	Dlu/II	0,170	9,790	1 Phase, 60Hz, 208/23		19,320	
rower Supply 4						50 V		
M. D.	Indoor-Outdoor S1 – S2				AC 208 / 230V			
Voltage	Indoor-Outdoor S2 – S3			DC ±24V				
	Indoor-Remote Controller			Wireless 7	Type (Optional Wired Cor	ntroller: DC12V)		
	MCA	A			1.0		T	
	Blower Motor (ECM)	F.L.A.		0.76	ı	0.67	0.76	
	Airflow at Cooling	DRY (CFM)	145-170-237		205-272-335-420-533			
	(Quiet — Lo — Med — Hi — Super Hi) *1	WET (CFM)	109-134-201	-286-364	170-237-300-385-498	232-299-375-470-581	347-420-487-562-661	
	Airflow at Heating (Quiet — Lo — Med — Hi — Super Hi) *2	DRY (CFM)	145-170-237	-321-406	205-247-304-367-463	297-385-469-565-646	388-469-544-628-738	
ndoor Unit	Sound Pressure Level at Cooling (Quiet — Lo — Med — Hi — Super Hi) *1	dB(A)	19-22-30-37-43	19-22-30-37-45	26-32-38-44-49	28-33-38-44-49	34-41-45-49-53	
indoor onit	Sound Pressure Level at Heating (Quiet — Lo — Med — Hi — Super Hi) *2	dB(A)	19-22-30-37-43	19-22-30-37-43	26-30-35-40-46	28-33-38-43-48	32-41-45-49-52	
	External Finish Color				Munsell 1.0Y 9.2 / 0.5	2		
		W: In.		31-7/16		36-5/16	43-5/16	
	Dimension Unit	9-1/8			9-13/16	9-3/8		
		H: In.	11-5/8			12	12-13/16	
	Weight Unit	Lbs.	22			28	37	
	Field Drainpipe Size O.D.	ln.			5/8			
Remote Controller	TypeV		Compatible with multiple controls options i			T		
	MCA	A	9 10			14	17.1	
	MOCP	Α			15	20		
	Fan Motor (ECM)	F.L.A.		0.5	1	0.93		
		Model (Type)	DC INVERTE	R-driven	DC	INVERTER-driven Twin Ro	otary	
	Compressor	R.L.A.	6.2	6.6	7.4	10.0	12.9	
		L.R.A.	7.7	8.2	9.3	12.5	16.1	
	Airflow (Cooling/Heating)	CFM	1,229/1,172	1,229 / 1,172	1,243 / 1,229	1,691 / 1,691	1,769 / 1,701	
Outdoor Unit	Refrigerant Control				Linear Expansion Val	ve		
Cataooi Oilit	Defrost Method				Reverse Cycle			
	Sound Pressure Level at Cooling *1	dB(A)	48		49	54	55	
	Sound Pressure Level at Heating *2	dB(A)	50		51		55	
	External Finish Color	` ` ` `		1	Munsell No. 3Y 7.8 / 1			
		W: In.		31-1/2			-1/16	
	Dimensions	D: In.		11-1/4			13	
		H: In.		21-5/8			-5/8	
	Weight	Lbs.		81		121	119	
	Туре	1			R410A	<u> </u>	l	
	Charge	Lbs., Oz.	2, 5		2, 9	3, 9	4, 3	
Refrigerant		Type (fl. oz.)	FV50S (9.1)		FV50S (11.8)	- 1 -	FV50S (13.5)	
Refrigerant	Oil		(3)	L		/2	5/8	
			3/8	}				
Refrigerant Refrigerant Pipe	Gas Side O.D.	ln.	3/8			72	<del> </del>	
Refrigerant Pipe	Gas Side O.D. Liquid Side O.D.	In.	3/8		1/4		3/8	
	Gas Side O.D.	ln.	3/8	40		:	+	

- NOTES: Test conditions are based on AHRI 210/240.

  \*1. Rating conditions (cooling)-Indoor: D.B. 80° F (27° C), W.B. 67° F (19° C); Outdoor: D.B. 95° F (35° C), W.B. 75° F (24° C).

  \*2. Rating conditions (heating)-Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 47° F (8° C), W.B. 43° F (6° C).

  \*3. Rating conditions (heating)-Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 17° F (-8° C), W.B. 15° F (-9° C).

  \*4. Indoor units receive power from outdoor units through field-supplied interconnected wiring.

Specifications are subject to change without notice. LIMITED WARRANTY I Five years parts and seven years compressor.

# SINGLE-ZONE | MSZ-D | HEAT PUMP



	Indoor Unit		MSZ-D30NA-8	MSZ-D36NA-8			
Model Name	Outdoor Unit		MUZ-D30NA-1	MUZ-D36NA-1			
	Rated Capacity	Btu/h	30,700	33,200			
	Capacity Range	Btu/h	9,800-30,700	9,800-33,200			
Cooling *1	Total Input	W	3,850 (620-3,850)	4,360 (620-4,360)			
Odding 1	Energy Efficiency	SEER		1.5			
deating t 17° F *3 Power Supply *4 Voltage	Moisture Removal	Pints/h	9.9	11.3			
	Sensible Heat Factor		0.64	0.62			
	Rated Capacity	Btu/h	32,600	35,200			
Heating	Capacity Range	Btu/h	8,700-34,000	8,700-36,000			
at 47° F *2	Total Input	W	3,360 (520-3,600)	3,840 (520–4,100)			
	HSPF (Region IV)	Btu/h/W	8	.2			
	Rated Capacity	Btu/h	19,500	21,800			
Heating	Rated Power Input	W	2,620	3,000			
at I/ F 3	Maximum Capacity	Btu/h	20,800	22,800			
Power Supply *4	Phase, Cycle, Voltage		· ·	lz, 208 / 230V			
	Indoor-Outdoor S1 – S2			8-230V			
Voltage	Indoor-Outdoor S2-S3			±24V			
	Indoor-Remote Controller			Wired Controller: DC12V)			
	MCA  Blower Motor (ECM)	A	1.0 0.76				
	Blower Motor (ECM)	F.L.A.		-848-887			
	Airflow at Cooling (Lo — Med — Hi — Powerful) *1	DRY (CFM)					
		WET (CFM)	350-576-763-798				
	Airflow at Heating (Lo - Med - Hi - Powerful) *2	DRY (CFM)	445-639	-848-887			
	Sound Pressure Level (Cooling) (Lo – Med – Hi – Powerful) *1		32-42-49-51				
Indoor Unit		dB(A)					
	Sound Pressure Level (Heating) (Lo – Med – Hi – Powerful) *2			-49-50			
	External Finish Color			Munsell No. 1.0Y 9.2 / 0.2			
	-	W: In.		1/16			
	Dimension Unit	D: In.		-5/8			
		H: In.	14-	-3/8			
	Weight Unit	Lbs.	4	10			
	Field Drainpipe Size O.D.	ln.	5	/8			
Remote Controller	Туре		Compatible with multiple contro	ls options including kumo cloud®			
	MCA	A		21			
	MOCP	А		25			
	Fan Motor (ECM)	F.L.A.	0.	93			
		Model (Type)	DC INVERTER-d	riven Twin Rotary			
	Compressor	R.L.A.	1	6			
		L.R.A.	2	20			
	Airflow	CFM	1,9	941			
	Refrigerant Control			ansion Valve			
Outdoor Unit	Defrost Method		<u> </u>	e Cycle			
	Sound Pressure Level at Cooling *1	dB(A)	55	56			
	Sound Pressure Level at Heating *2	dB(A)		57			
	External Finish Color			. 3Y 7.8/1.1			
		W: In.		1/16			
	Dimensions	D: In.		3			
		H: In.		7/16			
	Weight	Lbs.		41			
	Туре		R4	10A			
Refrigerant	Charge	Lbs., Oz.	4,	10			
	Oil	Type (Fl. Oz.)	NEO2:	2 (29.4)			
	Gas Side O.D.			/8			
	Liquid Side O.D.	In.		/8			
Refrigerant Pipe							
	Height Difference (Max.)	Ft.		50			
	Length (Max.)			00			
Connection Method	Indoor/Outdoor	<b>I</b>	Flared	/Flared			

NOTES: Test conditions are based on AHRI 210/240.

- \*1. Rating conditions (cooling)-Indoor: D.B. 80° F (27° C), W.B. 67° F (19° C); Outdoor: D.B. 95° F (35° C), W.B. 75° F (24° C).
- \*2. Rating conditions (heating)-Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 47° F (8° C), W.B. 43° F (6° C).
- \*3. Rating conditions (heating)-Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 17° F (-8° C), W.B. 15° F (-9° C).
- \*4. Indoor units receive power from outdoor units through field-supplied interconnected wiring.

LIMITED WARRANTY I Five years parts and seven years compressor. Specifications are subject to change without notice.

# SINGLE-ZONE | MSZ-JP | HEAT PUMP

Model Name	Indoor Unit		MSZ-JP09WA	MSZ-JP12WA		
	Outdoor Unit		MUZ-JP09WA	MUZ-JP12WA		
	Rated Capacity	Btu/h	9,000	12,000		
	Capacity Range Rated Power Input	Btu/h W	3,800 –10,000 750	3,800 -12,000 1,210		
Cooling *1	Energy Efficiency	SEER	17	1,210		
	Moisture Removal	Pints/h	1.5	2.5		
Heating at 47° F *2 Heating at 17° F *3 Heating at 5° F Power Supply *4 /oltage	Sensible Heat Factor		0.82	0.77		
	Rated Capacity	Btu/h	6,700	7,600		
Heating	Capacity Range	Btu/h	4,500-11,800	4,500-14,500		
at 47° F *2	Rated Power Input	W	900	990		
	HSPF (Region IV)	Btu/h/W	9.0	9.0		
	Rated Capacity	Btu/h	6,700	7,600		
Heating	Rated Power Input	W	700	800		
at 17° F *3						
	Maximum Capacity	Btu/h	7,200	9,000		
	Maximum Capacity	Btu/h	5,990	7,440		
Power Supply *4	Phase, Cycle, Voltage		115V, 1 phase			
\/=l4===	Indoor-Outdoor S1 – S2 Indoor-Outdoor S2 – S3		AC 115\ DC ±24\			
voltage	Indoor-Remote Controller		Wireless Type (Optional Wire			
	MCA	A	1.4			
	Blower Motor (ECM)	F.L.A.	1.07			
	Airflow at Cooling (Lo – Med – Hi – Powerful) *1	DRY (CFM)	170-237-321	1-399		
	Alliow at Cooling (Lo - Med - File Powerful)	WET (CFM)	134-201-286	5-364		
	Airflow at Heating (Lo — Med — Hi — Powerful) *2	DRY (CFM)	170-237-321	1-406		
	Sound Pressure Level (Cooling) (Lo — Med — Hi — Powerful) *1	dD(A)	22-30-37-	22-30-37-43		
Indoor Unit	Sound Pressure Level (Heating) (Lo - Med - Hi - Powerful) *2	dB(A)	22-30-37-	43		
	External Finish Color		Munsell No. 1.0Y	( 9.2 / 0.2		
		W: In.	31-7/16	;		
	Dimension Unit	D: In.	9-1/8			
		H: In.	11-5/8			
	Weight Unit	22				
	Field Drainpipe Size O.D.	Lbs.	5/8			
	1	111.				
Remote Controller	Туре		Compatible with multiple controls op	itions including kumo cloud®		
	MCA	Α	12	14		
	MOCP	A	15			
	Fan Motor (ECM)	F.L.A.	0.7			
		Model (Type)	DC INVERTER	-driven		
	Compressor			R-driven		
	Compressor	R.L.A.	8.8	10.4		
		R.L.A. L.R.A.	8.8 11.0			
	Airflow	R.L.A.	8.8 11.0 1,941	10.4 13.0		
Outdoor Unit	Airflow Refrigerant Control	R.L.A. L.R.A.	8.8 11.0 1,941 Linear Expansio	10.4 13.0		
Outdoor Unit	Airflow Refrigerant Control Defrost Method	R.L.A. L.R.A. CFM	8.8 11.0 1,941 Linear Expansic Revese Cy	10.4 13.0 on Valve /cle		
Outdoor Unit	Airflow Refrigerant Control Defrost Method Sound Pressure Level at Cooling *1	R.L.A. L.R.A. CFM	8.8 11.0 1,941 Linear Expansic Revese Cy	10.4 13.0 on Valve /cle		
Outdoor Unit	Airflow Refrigerant Control Defrost Method Sound Pressure Level at Cooling *1 Sound Pressure Level at Heating *2	R.L.A. L.R.A. CFM	8.8 11.0 1,941 Linear Expansic Revese Cy 46 50	10.4 13.0 on Valve /cle 49 51		
Outdoor Unit	Airflow Refrigerant Control Defrost Method Sound Pressure Level at Cooling *1	R.L.A. L.R.A. CFM  dB(A) dB(A)	8.8 11.0 1,941 Linear Expansic Revese Cy 46 50 Munsell No. 3Y	10.4 13.0 on Valve /cle 49 51		
Outdoor Unit	Airflow Refrigerant Control Defrost Method Sound Pressure Level at Cooling *1 Sound Pressure Level at Heating *2	R.L.A. L.R.A. CFM  dB(A) dB(A) W: In.	8.8 11.0 1,941 Linear Expansic Revese Cy 46 50 Munsell No. 3Y 31-1/2	10.4 13.0 on Valve //cle 49 51		
Outdoor Unit	Airflow Refrigerant Control Defrost Method Sound Pressure Level at Cooling *1 Sound Pressure Level at Heating *2	R.L.A. L.R.A. CFM  dB(A) dB(A)	8.8 11.0 1,941 Linear Expansic Revese Cy 46 50 Munsell No. 3Y 31-1/2 11-1/4	10.4 13.0 on Valve /cle 49 51 7.8/1.1		
Outdoor Unit	Airflow  Refrigerant Control  Defrost Method  Sound Pressure Level at Cooling *1  Sound Pressure Level at Heating *2  External Finish Color	R.L.A. L.R.A. CFM  dB(A) dB(A) W: In.	8.8 11.0 1,941 Linear Expansic Revese Cy 46 50 Munsell No. 3Y 31-1/2	10.4 13.0 on Valve /cle 49 51 7.8/1.1		
Outdoor Unit	Airflow  Refrigerant Control  Defrost Method  Sound Pressure Level at Cooling *1  Sound Pressure Level at Heating *2  External Finish Color	R.L.A. L.R.A. CFM  dB(A) dB(A) W: In. D: In.	8.8 11.0 1,941 Linear Expansic Revese Cy 46 50 Munsell No. 3Y 31-1/2 11-1/4	10.4 13.0 on Valve /cle 49 51 7.8/1.1		
Outdoor Unit	Airflow Refrigerant Control Defrost Method Sound Pressure Level at Cooling *1 Sound Pressure Level at Heating *2 External Finish Color Dimensions	B.L.A. L.R.A. CFM  dB(A) dB(A) W: In. D: In. H: In.	8.8 11.0 1,941 Linear Expansic Revese Cy 46 50 Munsell No. 3Y 31-1/2 11-1/4 21-5/8	10.4 13.0 on Valve /cle 49 51 / 7.8/1.1		
Outdoor Unit	Airflow Refrigerant Control Defrost Method Sound Pressure Level at Cooling *1 Sound Pressure Level at Heating *2 External Finish Color Dimensions Weight	B.L.A. L.R.A. CFM  dB(A) dB(A) W: In. D: In. H: In.	8.8 11.0 1,941 Linear Expansic Revese Cy 46 50 Munsell No. 3Y 31-1/2 11-1/4 21-5/8	10.4 13.0 on Valve /cle 49 51 / 7.8/1.1		
	Airflow Refrigerant Control Defrost Method Sound Pressure Level at Cooling *1 Sound Pressure Level at Heating *2 External Finish Color Dimensions Weight Type	R.L.A. L.R.A. CFM  dB(A) dB(A) W: In. D: In. H: In. Lbs.	8.8 11.0 1,941 Linear Expansic Revese Cy 46 50 Munsell No. 3Y 31-1/2 11-1/4 21-5/8 73 R410A 1, 12	10.4 13.0 on Valve /cle 49 51 / 7.8/1.1		
	Airflow Refrigerant Control Defrost Method Sound Pressure Level at Cooling *1 Sound Pressure Level at Heating *2 External Finish Color Dimensions Weight Type Charge Oil	R.L.A. L.R.A. CFM  dB(A) dB(A) W: In. D: In. H: In. Lbs.  Lbs., Oz. Type (FI. Oz.)	8.8 11.0 1,941 Linear Expansic Revese Cy 46 50 Munsell No. 3Y 31-1/2 11-1/4 21-5/8 73 R410A 1, 12 FV50S (9.	10.4 13.0 on Valve /cle 49 51 / 7.8/1.1		
	Airflow Refrigerant Control Defrost Method Sound Pressure Level at Cooling *1 Sound Pressure Level at Heating *2 External Finish Color Dimensions Weight Type Charge Oil Gas Side O.D.	R.L.A. L.R.A. CFM  dB(A) dB(A) W: In. D: In. H: In. Lbs.	8.8 11.0 1,941 Linear Expansic Revese Cy 46 50 Munsell No. 3Y 31-1/2 11-1/4 21-5/8 73 R410A 1, 12 FV50S (9.	10.4 13.0 on Valve /cle 49 51 / 7.8/1.1		
	Airflow Refrigerant Control Defrost Method Sound Pressure Level at Cooling *1 Sound Pressure Level at Heating *2 External Finish Color Dimensions Weight Type Charge Oil Gas Side O.D. Liquid Side O.D.	R.L.A. L.R.A. CFM  dB(A) dB(A) W: In. D: In. H: In. Lbs.  Lbs., Oz. Type (FI. Oz.)	8.8 11.0 1,941 Linear Expansic Revese Cy 46 50 Munsell No. 3Y 31-1/2 11-1/4 21-5/8 73 R410A 1, 12 FV50S (9. 3/8 1/4	10.4 13.0 on Valve /cle 49 51 / 7.8/1.1		
Refrigerant	Airflow Refrigerant Control Defrost Method Sound Pressure Level at Cooling *1 Sound Pressure Level at Heating *2 External Finish Color Dimensions Weight Type Charge Oil Gas Side O.D.	R.L.A. L.R.A. CFM  dB(A) dB(A) W: In. D: In. H: In. Lbs.  Lbs., Oz. Type (FI. Oz.)	8.8 11.0 1,941 Linear Expansic Revese Cy 46 50 Munsell No. 3Y 31-1/2 11-1/4 21-5/8 73 R410A 1, 12 FV50S (9.	10.4 13.0 on Valve /cle 49 51 / 7.8/1.1		

NOTES: Test conditions are based on AHRI 210/240.

# SINGLE-ZONE | MSZ-HM | HEAT PUMP

Rated Capacity   Btu/n   9,000   12,000   14,000   17,200   22,800		Indoor Unit		MSZ-HM09NA	MSZ-HM12NA	MSZ-HM12NA MSZ-HM15NA MSZ-HM18NA MSZ-HM24NA				
Cooling   1	Model Name	Outdoor Unit		MUZ-HM09NA	MUZ-HM12NA	MUZ-HM15NA	MUZ-HM18NA	MUZ-HM24NA		
Copyright   Copy		Pated Canacity	Rtu/b							
Red Power Input					,	· · · · · · · · · · · · · · · · · · ·		· ·		
Energy Efficiency   SEER   18.0   1	Cooling *1	Rated Power Input	W	750	1210	1170	1640	2,630		
Meating at Capacity	3	Energy Efficiency	SEER	18.0	18.0	18.0	18.0	18.0		
Retailing aid   Part		Moisture Removal	Pints/h	1.5	2.5	2.7	2.1	2.3		
Heating at   Capacity Range   Bish   4,500-14,500   4,500-14,500   5,600-26,500   1,500   2,500   2,500   2,500   2,500   1		Sensible Heat Factor		0.82	0.77	0.780	0.860	0.870		
Heating of   Person		Rated Capacity	Btu/h	10,900	12,200	18,000	18,000	26,000		
## FF F0   Batted Power Input   W   900   990   1,000   1,090   1,090   2,200   ## F8 F0   Batum N   10,00   10,00   10,00   10,00   10,00   10,00   10,00   ## F8 F0   Batum N   10,00   10,00   10,00   11,500   11,500   11,500   11,500   ## F8 F0   Batted Capacity   Buth   7,200   9,000   11,000   11,500   11,500   11,500   ## F8 F0   Batted Capacity   Buth   7,200   9,000   11,000   15,000   15,000   ## F8 F0   Batted Power Input   W   780   9,000   11,000   15,000   15,000   ## F8 F0   Batted Power Input   Buth   7,200   9,000   11,000   15,000   15,000   ## F8 F0   Batted Power Input   Buth   7,200   9,000   11,000   15,000   15,000   ## F8 F0   Batted Power Input   Buth   7,200   9,000   11,000   15,000   15,000   ## F8 F0   Batted Power Input   Buth   7,200   9,000   11,000   15,000   15,000   ## F8 F0   Batted Power Input   Buth   7,200   9,000   7,440   12,240   12,760   17,000   ## F8 F0   Batted Power Input   Buth   7,200   7,440   12,240   12,760   17,000   ## F8 F0   Batted Power Input   F8 F0	Heating at	Capacity Range	Btu/h	4,500-11,800	4,500-14,500	4,800-18,500	5,400-20,900	5,400-26,000		
Hasting at   Patent Capacity			w				1,590			
Hasting at   Patent Capacity		HSPF (IV)	Btu/h/W	10.0	10.0	10.0	10.0	9.5		
Heating   State   Prove Proper   Prove   Pro										
Maximum Capacity				•		i				
Heating of SF   F   F   F   F   F   F   F   F   F	17° F *3					†				
Symbol   Prison	Heating at									
Margin   M		Maximum Capacity	Btu/h	5,990	7,440	12,240	12,780	15,600		
Notage		Phase, Cycle, Voltage				1 Phase, 60Hz, 208/230	/			
Motion	1-1-7	Indoor – Outdoor S1 - S2				AC 208 / 230V		,		
Indoor - Remote Controller	Voltage									
MCA	ronago									
Blower Motor (ECM)			Δ							
Airtlow at Cooling   Club*   Chemical   Club*   Chemical   Club*   Chemical   Club*   Chemical					0.76	1.0	^	67		
Quiet-Lo-Med-H-Super Hij 12				470.007		070 005 400 500		T .		
Afflow at Heating (Outer-Le-Med-Hi-Super Hi) '2' DFY (CFM) 170-237-321-406 247-304-367-463 307-431-530-625 346-448-575 Cooling (Outer-Le-Med-Hi-Super Hi) '2' DFY (CFM) 170-237-321-406 247-304-367-463 307-431-530-625 346-448-575 Cooling (Outer-Le-Med-Hi-Super Hi) '2' DFY (CFM) 170-237-321-406 30-37-42-47 33-38-44- 33-38-44- 30-37-42-47 33-38-44- 30-37-42-47 33-38-44- 30-37-42-47 33-38-44- 30-37-42-47 32-38-44- 30-37										
Indoor Unit		Airflow at Heating								
Cooling (Quiet-Lo-Med-Hi- Sund Pressure Level at Heating Quiet-Lo-Med-Hi- Super Hi) "2   External Finish Color			DRT (CITIVI)	170-237	-321-400	247-304-307-403	307-431-330-023	340-448-379-702		
Notified   College   Col		Cooling (Quiet-Lo-Med-Hi-	dB(A)	22-30	-37-43	32-38-44-49	30-37-42-47	33-38-44-50		
External Finish Color	Indoor Unit	Heating (Quiet-Lo-Med-Hi-	dB(A)	22-30	-37-43	30-35-40-46	30-37-42-47	32-38-44-50		
Main		External Finish Color				Munsell 1.0Y 9.2 / 0.2				
Dimension Unit		W∙ In			21-7/16		36	5/16		
H: In.		Dimension Unit								
Weight Unit   Elbs.   22   28		Difficusion offic								
Field Drainpipe Size O.D.   In.   S/8   Compatible with multiple controls options including kumo cloud*		Woight Unit								
Type   Compatible with multiple controls options including kumo cloud®		-				F /0		.0		
MCA	Remote		In.							
MOCP		Туре			Compatible with m	nultiple controls options incl	uding kumo cloud <sup>™</sup>			
MOCP		MCA	Λ.		2	1	0	14		
Fan Motor (ECM)				,			0	14		
Compressor   Model Type)   DC INVERTER-driven Twin Rotary						0.00				
Compressor   R.L.A.   6.2   7.4   10		Fan Motor (ECM)								
Cutdoor Unit   Cutd							1			
Airflow (Cooling / Heating)		Compressor								
Refrigerant Control   Defrost Method   Defrost Method   Sound Pressure Level at Cooling *1   Defrost Method   Defrost Method   Sound Pressure Level at Cooling *1   Defrost Method   Defrost Me										
Defrost Method   Sound Pressure Level at Cooling *1			CFM	1,151	/ 1,225	•		1,691 / 1,691		
Sound Pressure Level at Cooling *1		Refrigerant Control				Linear Expansion Valve				
Cooling *1	Outdoor Unit	Defrost Method				Reverse Cycle		·		
Heating *2   Discription   Summer   S			dB(A)	46		49		54		
External Finish Color		Sound Pressure Level at	dB(A)	50		51		55		
W: In.   31-1/2   33-1/16						Munsell No. 3Y 7.8 / 1.1				
Dimensions   Di			W: In.		31-			33-1/16		
H: In.   21-5/8   34-5/8   34-5/8   Weight   Lbs.   73   81   121		Dimensions						i		
Weight         Lbs.         73         81         121           Refrigerant Pipe         Type         Refrigerant Pipe         Charge Lbs., Oz.         1, 12         2, 9         2, 10         3, 9           Refrigerant Pipe Liquid Side O.D.         In.         3/8         1/2         5/8           Refrigerant Pipe Length         Height Difference (Max.)         Ft.         40         50           Connection         Indepty/Outdoors         Flaget/Flaget										
Type		Weight		7			1			
Charge   Lbs., Oz.   1, 12   2, 9   2, 10   3, 9			'							
Oil         Type (fl. oz.)         NEO22 (10.8)         FV50S (11.8)           Refrigerant Pipe         Gas Side O.D.         In.         3/8         1/2         5/8           Liquid Side O.D.         In.         1/4         3/8           Refrigerant Pipe Length         Height Difference (Max.)         Ft.         40         50           Longth (Max.)         Ft.         65         100	Refrigerant		Lbs., Oz.	1	12		2. 10	3. 9		
Refrigerant   Pipe   Gas Side O.D.   In.   3/8   1/2   5/8	ogorain					_, ~		0,0		
Pipe         Liquid Side O.D.         In.         1/4         3/8           Refrigerant Pipe Length         Height Difference (Max.)         Ft.         40         50           Length (Max.)         Ft.         65         100	D.G.					4		E/0		
Refrigerant   Height Difference (Max.)   Ft.   40   50     Fige Length   Length (Max.)   Ft.   65   100     Connection   Indext/Outdoor   Flared/Flared			1	3,						
Pipe Length         Length (Max.)         Ft.         65         100           Connection         Indext/Outdoor         Flared/Flared	-	·								
Connection Indoor/Outdoor Flored/Flored										
		Length (Max.)	Ft.		6	05		100		
mount		Indoor/Outdoor				Flared/Flared				
pecifications are subject to change without notice. LIMITED WARRANTY I Five years parts and seven years compressor.	HIGHIOU	<u> </u>		ADDANTY LEissen						

<sup>\*\*1.</sup> Rating conditions (cooling) — Indoor: D.B. 80° F (27° C), W.B. 67° F (19° C); Outdoor: D.B. 95° F (35° C), W.B. 75° F (24° C).

\*\*2. Rating conditions (heating) — Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 47° F (8° C), W.B. 43° F (6° C).

\*\*3. Rating conditions (heating) — Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 17° F (-8° C), W.B. 15° F (-9° C).

\*\*4. Indoor units receive power from outdoor units through field-supplied interconnected wiring.

Specifications are subject to change without notice.

LIMITED WARRANTY I Five years parts and seven years compressor.

# SINGLE-ZONE | MSZ-WR | HEAT PUMP

Model Name	Indoor Unit		MSZ-WR09NA	MSZ-WR12NA	MSZ-WR18NA	MSZ-WR24NA			
Wouci Waille	Outdoor Unit		MUZ-WR09NA	MUZ-WR12NA	MUZ-WR18NA	MUZ-WR24NA			
	Rated Capacity	Btu/h	9,000	12,000	17,200	22,500			
	Capacity Range	Btu/h	3,800 – 10,000	3,800 - 12,200	5,800 - 18,000	<b>5,800</b> – 22,500			
	Rated Power Input	W	820	1,330	1,720	2,810			
Cooling *1	· ·				· ·				
	Energy Efficiency	SEER	16.0	16.0	16.0	16.0			
	Moisture Removal	Pints/h	1.5	2.5	2.1	2.3			
	Sensible Heat Factor		0.82	0.77	0.86	0.89			
	Rated Capacity	Btu/h	10,900	12,200	18,000	26,000			
Heating at	Capacity Range	Btu/h	4,500-11,800	4,500-14,500	5,400-20,900	5,400-26,000			
47° F *2	Rated Power Input	W	980	1,090	1,670	2,680			
	HSPF (IV)	Btu/h/W	8.5	8.5	8.5	8.5			
	Rated Capacity	Btu/h	6,700	7,600	11,500	18,500			
Heating at	Rated Power Input	W	760	880	1,360	2,460			
17° F *3	Maximum Capacity	Btu/h	7,200	9,000	15,000	18,500			
Heating at			·	•	,	,			
5° F	Maximum Capacity	Btu/h	5,990	7,440	12,780	15,600			
Power	Phase, Cycle, Voltage			1 Phase, 60	0Hz, 208/230V				
Supply *4	ppiy 4								
	Indoor – Outdoor S1 - S2				08 / 230V				
Voltage	Indoor - Outdoor S2 - S3				±24V				
	Indoor - Remote Controller				ess Type				
	MCA	A			1.0				
	Blower Motor (ECM)	F.L.A.	0.7		0.				
	Airflow at Cooling	DRY (CFM)	170-237-	321-399	328-431-530-625	353-43-530-702			
	(Quiet-Lo-Med-Hi-Super Hi) *1	WET (CFM)	134-201-	286-364	295-388-477-562	318-388-477-632			
	Airflow at Heating	DRY (CFM)	170-237-	321-406	307-431-530-625	346-448-579-702			
	(Quiet-Lo-Med-Hi-Super Hi) *2	Ditt (OT III)	170 207	021 400	007 401 000 020	040 440 010 102			
	Sound Pressure Level at	-ID(A)	00.00	07.40	00.07.40.47	00 00 44 50			
	Cooling (Quiet-Lo-Med-Hi- Super Hi) *1	dB(A)	22-30-	37-43	30-37-42-47	33-38-44-50			
Indoor Unit B	Sound Pressure Level at								
	Heating (Quiet-Lo-Med-Hi-	dB(A)	22-30-	30-37-42-47	32-38-44-50				
	Super Hi) *2								
	External Finish Color			Munsell 1	.0Y 9.2 / 0.2				
	External Finion Color								
		W: In.	31-7						
	Dimension Unit	D: In.	9-1		9-13				
		H: In.	11-5		1				
	Weight Unit	Lbs.	22			8			
	Field Drainpipe Size O.D.	In.			5/8				
Remote	Туре			Compatible with multiple contr	ols options including kumo cloud®				
Controller	Туре			Companio with manapic conti	olo optiono moluding kumo cioda				
	MCA	Α	9	l	10	14			
	MOCP	Α			15				
	Fan Motor (ECM)	F.L.A.	-	0.5		0.93			
	Turrinotor (EON)	Model Type)	DC INVERT		DC INVERTER-d	riven Twin Rotary			
	Compressor	R.L.A.	6.:		7.4	10.0			
	Compressor				+				
	Airflow (Cooling / Heating)	L.R.A. CFM	7. <sup>-</sup> 1,151 /		9.3 1.243 / 1.229	12.5 1,691 / 1,691			
		OI IVI	1,151/	,	,, .	1,081 / 1,081			
	Refrigerant Control		Linear Expansion Valve						
Outdoor Unit				Rever	se Cycle				
	Sound Pressure Level at	dB(A)	48	51	53	57			
	Cooling *1 Sound Pressure Level at	` '	-	-					
	Laguriu Pressure Level at	dB(A)	50	51	51	55			
					a 3V 7 8 / 1 1	1			
	Heating *2		Munsell No. 3Y 7.8 / 1.1						
		\\\:\	04.4		33-1/16				
	Heating *2 External Finish Color	W: In.	31-1	1/2	+				
	Heating *2	D: In.	11-1	1/2 1/4	1	3			
	Heating *2 External Finish Color Dimensions	D: In. H: In.	11-1 21-5	1/2 1/4 5/8	1 34-	3 5/8			
	Heating *2 External Finish Color Dimensions Weight	D: In.	11-1	1/2 1/4 5/8 3	1 34- 81	3			
	Heating *2 External Finish Color Dimensions Weight Type	D: In. H: In. Lbs.	11-1 21-8 73	1/2 1/4 5/8 3	1 34- 81 410A	3 5/8 121			
Refrigerant	Heating *2 External Finish Color Dimensions Weight	D: In. H: In.	11-1 21-5	1/2 1/4 5/8 3	1 34- 81 410A 2, 10	3 5/8 121 3, 9			
Refrigerant	Heating *2 External Finish Color Dimensions Weight Type	D: In. H: In. Lbs.	11-1 21-8 73	1/2 1/4 5/8 3 R-	1 34- 81 410A	3 5/8 121 3, 9			
Refrigerant Refrigerant	Heating *2 External Finish Color  Dimensions  Weight Type Charge	D: In. H: In. Lbs.	11 21 73 1, 1	1/2 1/4 5/8 3 R: 12 6 (9.1)	1 34- 81 410A 2, 10	3 5/8 121 3, 9			
	Heating *2 External Finish Color  Dimensions  Weight Type Charge Oil	D: In. H: In. Lbs. Lbs., Oz. Type (fl. oz.)	11 21 7: 1,1 FV50S	1/2 1/4 5/8 3 R: 12 5 (9.1)	1 34- 81 410A 2, 10 FV50S	3 5/8 121 3, 9			
Refrigerant Pipe	Heating *2 External Finish Color  Dimensions  Weight  Type Charge Oil Gas Side O.D. Liquid Side O.D.	D: In. H: In. Lbs.  Lbs., Oz. Type (fl. oz.) In.	11 21 73 1, 1 FV50S 3/- 1/-	1/2 1/4 5/8 3 R: 12 (9.1) 8	1 34- 81 410A 2, 10 FV50S 1/2 1/4	3 5/8 121 3, 9 (11.8) 5/8			
Refrigerant	Heating *2 External Finish Color  Dimensions  Weight  Type Charge Oil Gas Side O.D.	D: In. H: In. Lbs.  Lbs., Oz. Type (fl. oz.)	11 21 70 1, 1 FV50S 3/-	1/2 1/4 5/8 3 R: 12 5 (9.1) 8	1 34- 81 410A 2, 10 FV50S	3 5/8 121 3, 9 (11.8) 5/8 3/8			

NOTES: Test conditions are based on AHRI 210/240.

1. naung conditions (cooling) — Indoor: D.B. 80° F (27° C), W.B. 60° F (18° C); Outdoor: D.B. 95° F (38° C), W.B. 75° F (24° C).

2. Rating conditions (heating) — Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 47° F (8° C), W.B. 43° F (6° C).

3. Rating conditions (heating) — Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 17° F (-8° C), W.B. 15° F (-9° C).

4. Indoor units receive power from outdoor units through field-supplied interconnected wiring.

Specifications are subject to change without notice.

LIMITED WARRANTY I Five years parts and seven years compressor.

# SINGLE-ZONE | MFZ-KJ | HEAT PUMP



Madel News	Indoor Unit		MFZ-KJ09NA	MFZ-KJ12NA	MFZ-KJ15NA MFZ-KJ18NA				
Model Name	Outdoor Unit		MUFZ-KJ09NAHZ	MUFZ-KJ12NAHZ	MUFZ-KJ15NAHZ	MUFZ-KJ18NAHZ			
	Rated Capacity	Btu/h	9,000	12,000	15,000	17,000			
	Capacity Range	Btu/h	2,300-14,000 2,300-15,000		5,300-19,000	5,300-22,500			
	Rated Power Input	W	570	890	1,120	1,350			
Cooling *1	nated Power Input	VV	570	090	1,120	1,350			
	Energy Efficiency	SEER	28.2	25.5	21.8	21.0			
	Moisture Removal	Pints/h	1.4	2.7	3.9	4.4			
	Sensible Heat Factor		0.790	0.700	0.660	0.650			
	Rated Capacity	Btu/h	11,000	13,000	18,000	21,000			
11	Capacity Range	Btu/h	2,900-19,000 2,900-22,800		5,700-25,000	5,700-29,000			
Heating at 47° F *2	Rated Power Input	W	750	900	1,410	1,730			
	HSPF (IV)	Btu/h/W	13	12	11.6	11.3			
	Rated Capacity	Btu/h	7,500	8,800	12,000	12,800			
Heating at 17° F *3	Rated Power Input	W	810	930	1,300	1,430			
	Maximum Capacity	Btu/h	13,400	14,800	20,500	23,000			
Heating at 5° F	Maximum Capacity	Btu/h	11,000	13,000	18,000	21,000			
Power Supply *4	Phase, Cycle, Voltage		7	1 Phase, 60H		,			
	Indoor-Outdoor S1-S2			AC 208					
Voltage	Indoor-Outdoor S2-S3			DC ±					
	Indoor-Remote Controller			Wireless Type (Optional V					
	MCA	A		1.1					
	Fan Motor FLA	A		0.62		0.72			
	Fan Motor Output	W		30		40			
		DRY (CFM)	138-198-27		198-254-311-392-431	198-254-328-420-49			
	Airflow at Cooling (Quiet - Lo - Med - Hi - Super Hi) *1	_			1				
	Airflow at Heating	WET (CFM)	117-168-20	31-306-354	168-216-264-333-366	168-216-279-357-41			
	(Quiet – Lo – Med – Hi – Super Hi) *2  Sound Pressure Level at Cooling	DRY (CFM)		54-328-417	212-268-328-399-470	212-268-328-399-47			
ndoor Unit (	(Quiet – Lo – Med – Hi – Super Hi) *1  Sound Pressure Level at Heating	dB(A)	21-27-3		28-33-38-43-47	28-33-39-45-50			
	(Quiet - Lo - Med - Hi - Super Hi) *2	dB(A)	21-27-3		29-35-4	)-45-49 			
	External Finish Color			Munsell 1.0	Y 9.2 / U.2				
		W: In.		29-17	7/32				
	Dimension Unit	D: In.		8-15/32 23-5/8					
		H: In.							
	Weight Unit	Lbs.		33 5/8					
	Field Drainpipe Size O.D.	ln.		5/	8				
Remote Controller	Type		Co	empatible with multiple controls	s options including kumo cloud <sup>©</sup>				
	MCA	А	1	11 1					
	MOCP	А	1	)					
	Fan Motor FLA	А	0.	50	0.0	93			
	Fan Motor Output	W	5		7				
	Fari Motor Output	Model		0	1				
		(Type)		DC INVERTER-dr	iven Twin Rotary				
	Compressor	R.L.A.		8.3	2				
		L.R.A.		10.	.3				
	Airflow (Cooling / Heating)	CFM	1,215	1,201	1,653 /	1,730			
Outdoor Unit	Refrigerant Control			Linear Expa	nsion Valve				
	Defrost Method			Reverse	e Cycle				
	Sound Pressure Level at Cooling *1	dB(A)	4	8	5	1			
	Sound Pressure Level at Heating *2	dB(A)		0	5				
	External Finish Color	UB(A)		Munsell No.					
	External Finish Color	14/ 1	0.4		1	40			
	Dimensions	W: In.	31-		33-1	,			
	Dimensions	D: In.	11-		1;				
	w	H: In.	21-		34-				
	Weight	Lbs.	8	3	12	4			
	Туре			R41					
Refrigerant	Charge	Lbs., Oz.		10	3,				
	Oil	Type (fl. oz.)	FV50S	(11.8)	FV50S	(13.5)			
Defrigerent Dir.	Gas Side O.D.	ln.	3,	/8	1/	2			
Refrigerant Pipe	Liquid Side O.D.	ln.		1/-	4				
	1	Ft.	Δ	0	50	)			
Refrigerant Pine	Height Difference (Max.)	FL.	7			50			
Refrigerant Pipe Length	Height Difference (Max.) Length (Max.)	Ft.		5	10				

<sup>\*1.</sup> Rating conditions (cooling) — Indoor: D.B. 80° F (27° C), W.B. 67° F (19° C); Outdoor: D.B. 95° F (35° C), W.B. 75° F (24° C).

<sup>\*1.</sup> Rating conditions (cooling) — Indoor: D.B. 80° F (27° C), W.B. 67° F (19° C); Outdoor: D.B. 95° F (35° C), W.B. 75° F (24° C).

<sup>2.</sup> Rating conditions (heating) — Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 47° F (8° C), W.B. 43° F (6° C).

3. Rating conditions (heating) — Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 17° F (-8° C), W.B. 15° F (-9° C).

4. Indoor units receive power from outdoor units through field-supplied interconnected wiring.

Specifications are subject to change without notice. LIMITED WARRANTY I Five years parts and seven years compressor.

# SINGLE-ZONE | SVZ AIR-HANDLER | HEAT PUMP

	1	
l	_	

Model Name	Indoor Uni	it	SVZ-KP12NA	SVZ-KP18NA	SVZ-KP24NA	SVZ-KP30NA	SVZ-KP36NA			
viodei Name	Outdoor Un	nit	SUZ-KA12NA2	SUZ-KA18NA2	SUZ-KA24NA2	SUZ-KA30NA2	SUZ-KA36NA2			
	Rated Capacity	Btu/h	12,000	18,000	24,000	27,000	33,000			
	Capacity Range	Btu/h	4,300 – 12,000	6,200 – 18,000	12,400 – 24,000	13,500 – 27,000	11,600 – 33,000			
01: *1	Rated Power Input	W	940	1,360	1,920	2,160	3,720			
Cooling *1	Energy Efficiency	SEER	18.0	18.0	18.0	18.0	16.0			
	Moisture Removal	Pints/h	1.2	2.4	4.1	2.4	4.7			
	Sensible Heat Factor		0.89	0.85	0.81	0.90	0.84			
	Rated Capacity	Btu/h	15,000	21,600	25,000	30,000	33,500			
	Capacity Range	Btu/h	4,700 – 16,700	8,300 – 26,000	14,600 – 28,000	12,640 – 33,000	13,260 – 11,600			
Heating at 47° F *2	Rated Power Input	W								
–	HSPF (IV)	Btu/h/W	1,210	1,600 12.6	1,910	2,060	3,030 11.7			
			12.1		10.4		-			
Heating at	Rated Capacity	Btu/h	9,900	14,000	14,600	21,400	23,200			
17° F *3	Rated Power Input	W	1,120	1,460	1,590	1,950	2,710			
	Maximum Capacity	Btu/h	9,900	14,000	14,600	21,400	23,200			
Heating at 5° F	Maximum Capacity	Btu/h	7,800	12,200	-	-	-			
Power Supply *4	Phase, Cycle, Voltage			1 Phase, 60Hz, 208 / 230V						
Voltage	Indoor-Outdoor S1-S2			AC 208-230V						
Voltage	Indoor-Outdoor S2-S3				DC ±24V					
	MCA	А		3		4.	13			
	Fan Motor (ECM)	F.L.A.		2.4		3	.3			
	Airflow at Cooling (Lo – Med – Hi)	DRY (CFM)	278-381-448	471-573-675	515-625-735	613-744-875	767-910-910			
	Airflow at Heating (Lo – Med – Hi)	DRY (CFM)	278-381-448	471-573-675	515-625-735	613-744-875	767-910-910			
	External Static Pressure *3	In. W.G.		0.3 - 0.5 - 0.8						
Indoor Unit	Sound Pressure Level	dB(A)	29-36-39	33-36-41	30-34-38	32-46-40	35-39-43			
	External Finish	GD(A)	23-30-33	00-00-41	Black	32-40-40	00-00-40			
	LATOTTAL TITISTI	W: In.		17	Diack		 ?1			
	Dimension Unit (Crille)			17	01.5/0		. 1			
	Dimension Unit (Grille)	D: In.		21-5/8 39-13/16 43-3/4						
		H: In.		39-13/16						
	Weight Unit (Grille)	Lbs.	93 119							
	Field Drainpipe Size O.D.	ln.								
Remote Controller	Туре			Compatible with r	multiple controls options inclu	uding kumo cloud®				
Controller	MCA	А	9	14	1	17				
	MOCP	A	16	24		31				
			0.5	0.67						
	Fan Motor (ECM)	F.L.A.			DO 1111/50750	1				
		Model (Type)		riven Twin Rotary	DC INVERTER-driven		riven Twin Rotary			
	Compressor	R.L.A.	6.6	10.0		13.0				
		L.R.A.	8.2	12.5		16.0				
	Airflow (Cooling/Heating)	CFM	1,229 / 1,172	1,229 / 1,172						
	Refrigerant Control				Linear Expansion Valve					
Outdoor Unit	Defrost Method				Reverse cycle					
	Sound Pressure Level at Cooling *1	dB(A)	49	54		55				
	Sound Pressure Level at Heating *2	dB(A)	51		5	5				
	External Finish Color				Munsell No. 3Y 7.8/1.1					
		W: In.	31-1/2		33-	1/6				
	Dimensions	D: In.	11-1/4		1					
	סווופוופוטווי	H: In.	21-5/8		34-					
				4	34-					
	Weight	Lbs.	81	127		129				
	Туре				R410A					
Refrigerant	Charge	Lbs., Oz.	2, 9	3, 9		4, 14				
	Oil	Type (fl. oz.)		S (11.8)		FV50S (15.6)				
	Gas Side O.D.	ln.	3/8	1/2		5/8				
Refrigerant				/4	1	3/8				
Refrigerant Pipe	Liquid Side O.D.	ln.	1,	/ -						
Pipe Refrigerant	Height Difference (Max.)	Ft.	40	50		100				
Pipe	-			1	Flared/Flared					

NOTES: Test conditions are based on AHRI 210/240.

- \*1. Rating conditions (cooling) Indoor: D.B. 80° F (27° C), W.B. 67° F (19° C); Outdoor: D.B. 95° F (35° C), W.B. 75° F (24° C).
- \*2. Rating conditions (heating) Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 47° F (8° C), W.B. 43° F (6° C).
- \*3. Rating conditions (heating) Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 17° F (-8° C), W.B. 15° F (-9° C).
- \*4. Indoor units receive power from outdoor units through field-supplied interconnected wiring.

Specifications are subject to change without notice.

LIMITED WARRANTY I Five years parts and seven years compressor.

# SINGLE-ZONE | SLZ SYSTEM | HEAT PUMP



Madalat	Indoor Unit		SLZ-KF09NA	SLZ-KF12NA	SLZ-KF15NA	SLZ-KF18NA	
Model Name	Outdoor Unit		SUZ-KA09NA2	SUZ-KA12NA2	SUZ-KA15NA2	SUZ-KA18NA2	
	Rated Capacity	Btu/h	9,000	12,000	14,100	17,700	
	Capacity Range	Btu/h	3,600 - 9,000	3,900 – 12,000	5,100 – 14,100	6,100 – 17,700	
	Rated Power Input	W	670	900	1,150	1,410	
Cooling *1	Energy Efficiency	SEER	22.4	22.0	19.8	20.7	
	Moisture Removal	Pints/h	1.0	2.8	3.2	4.7	
	Sensible Heat Factor	Į.	0.87	0.74	0.75	0.71	
	Rated Capacity	Btu/h	11,000	13,000	18,000	19,700	
	Capacity Range	Btu/h	11,000 – 12,000	13,000 – 13,000	18,000 – 18,000	19,700 – 20,900	
Heating at 47° F *2	Rated Power Input	W	4,010	4,800	5,100	8,400	
	HSPF (IV)	Btu/h/W	12.2	11.4	11.2	11.6	
	Rated Capacity	Btu/h	6,900	8,900	11,900	12,900	
Heating at 17° F *3	Rated Power Input	W	810	1,130	1,290	1,410	
	Maximum Capacity	Btu/h	6,900	8,900	11,900	12,900	
Heating at 5° F	Maximum Capacity	Btu/h	5,600	6,100	8,900	9,800	
Power Supply *4	Phase, Cycle, Voltage	Dta/!!	0,000	1 Phase, 60H		0,000	
топогодрену т	Indoor-Outdoor S1 – S2		AC 208-230V				
Voltage	Indoor-Outdoor S2-S3			DC :			
	MCA	Α	0.25	0.30	0.40	0.54	
	Fan Motor (ECM)	F.L.A.	0.20	0.24	0.32	0.43	
	r arrivoter (Eem)	DRY (CFM)	230-265-300	230-265-335	245-315-405	300-420-475	
	Airflow at Cooling (Lo - Med - Hi)	WET (CFM)	207-239-270	207-252-302	221-284-365	270-378-429	
	Airflow at Heating (Lo - Med - Hi)	DRY (CFM)	230-265-335	230-265-335	245-315-405	300-420-475	
	Sound Pressure Level at Cooling *1	dB(A)	230-203-333	230-203-333	245-315-405	300-420-475	
	Sound Pressure Level at Heating *2	dB(A)	25-28-31	25-30-34	27-34-39	32-40-43	
Indoor Unit	External Finish	UD(A)		Galvanized Steel Sheets; (	Grille: Munsell 1 0Y 9 2/0 2		
		W: In.		22-7/16		-	
	Dimension Unit (Grille)	D: In.		22-7/16			
	Birnorision ornit (drino)	H: In.		9-1/4	· · · · · · · · · · · · · · · · · · ·		
	Weight Unit (Grille)	Lbs.			· · · · · · · · · · · · · · · · · · ·		
	Drain-lift Mechanism (Included)	H: In.	37 (TBD) 33				
	Field Drainpipe Size O.D.	In.	1-1/4				
Remote Controller	Туре		Con	npatible with multiple control		ııd <sup>®</sup>	
	MCA	А	9	· · · · · · · · · · · · · · · · · · ·	10	14	
	MOCP	A	15	16	18	24	
	Fan Motor (ECM)	F.L.A.		0.50	10	0.67	
	(,	Model (Type)			INVERTER-driven Twin Ro	1	
	Compressor	R.L.A.	6.2	6.6	7.4	10.0	
		L.R.A.	7.7	8.2	9.3	12.5	
	Airflow (Cooling/Heating)	CFM	1,229 / 1,172 1,243 / 1,229 1,691 / 1,691				
	Refrigerant Control		-,==-		nsion Valve	1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Outdoor Unit	Defrost Method			Revers			
	Sound Pressure Level at Cooling *1	dB(A)	48		9	54	
	Sound Pressure Level at Heating *2	dB(A)	50	5		55	
	External Finish Color			Munsell No			
		W: In.		31-1/2		33-1/6	
	Dimensions	D: In.		11-1/4		13	
	Dimensions						
		H: In.		21-5/8		34-5/8	
	Weight	Lbs.		81		127	
B. (1)	Туре		0.7	R4			
Refrigerant	Charge	Lbs., Oz.	2, 5	2,		3, 9	
	Oil	Type (fl. oz.)	FV50S (9.1)		FV50S (11.8)	-	
Refrigerant Pipe	Gas Side O.D.	In.	3/			/2	
	Liquid Side O.D.	In.		1,	/4	,	
Refrigerant Pipe Length	Height Difference (Max.)	Ft.		40		50	
nongerant ripe Length	Length (Max.)	Ft.		65		100	

NOTES: Test conditions are based on AHRI 210/240.

- \*1. Rating conditions (cooling) Indoor: D.B. 80° F (27° C), W.B. 67° F (19° C); Outdoor: D.B. 95° F (35° C), W.B. 75° F (24° C).
- \*2. Rating conditions (heating) Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 47° F (8° C), W.B. 43° F (6° C).
- \*3. Rating conditions (heating) Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 17° F (-8° C), W.B. 15° F (-9° C).
- \*4. Indoor units receive power from outdoor units through field-supplied interconnected wiring.

Specifications are subject to change without notice.

LIMITED WARRANTY I Five years parts and seven years compressor.

# SINGLE-ZONE | MLZ | HEAT PUMP



	Indoor Unit		MLZ-KP09NA	MLZ-KP12NA	MLZ-KP18NA			
Model Name	Outdoor Unit		SUZ-KA09NA2	SUZ-KA12NA2	SUZ-KA18NA2			
	Rated Capacity	Btu/h	9,000	12,000	18,000			
	Capacity Range	Btu/h	3,600 –9,000	3,900 – 12,000	6,600 – 18,000			
	Rated Power Input	W	710	960	1,440			
Cooling *1	Energy Efficiency	SEER	19.5	19.8	22.3			
	Moisture Removal	Pints/h	1.5	2.8	5.3			
	Sensible Heat Factor	1 1110/11	0.82	0.74	0.67			
	Rated Capacity	Btu/h	12,000	15,400	20,000			
	Capacity Range	Btu/h	4,010 – 13,000	15,400 – 17,000	8,200 – 20,000			
Heating at 47° F *2	Rated Power Input	W	860	1,300	1,170			
	HSPF (IV)	Btu/h/W	13.3	12.1	12.4			
	Rated Capacity	Btu/h	7,700	9,900	13,100			
Heating at 17° F *3	Rated Power Input	W	700	1,020	1,340			
Heating at 17 1 5	Maximum Capacity	Btu/h	7,700	9,900	13,100			
Heating at 5° F	Maximum Capacity	Btu/h	6,100	7,900	10,700			
Power Supply *4	Phase, Cycle, Voltage	Btan	5,100	1 Phase, 60Hz, 208 / 230V	10,700			
топогодрену т	Indoor-Outdoor S1 – S2			AC 208-230V				
Voltage	Indoor-Outdoor S2-S3			DC ±24V				
	MCA	А		1				
	Fan Motor (ECM)	F.L.A.		0.76				
	Airflow at Cooling	DRY (CFM)	212-254-283-311	212-258-297-332	212-293-346-403			
	(High — Med. — Low — SLow)	WET (CFM)	180-216-240-264	180-219-252-282	180-249-294-343			
	Airflow at Heating	. ,						
	(High — Med. — Low — SLow)	DRY (CFM)	212-247-290-325	212-272-311-350	212-311-364-417			
	Sound Pressure Level (Cooling)	dB(A)	27-31-34-38	27-32-36-40	29-36-41-47			
Indoor Unit	Sound Pressure Level (Heating)	dB(A)	26-29-34-37	26-32-36-40	26-37-42-48			
mador ornit	Unit/Grille External Finish			White/Ivory Munsell 3Y 7.8/1.1				
		W: In.		43-3/8 (47-1/4)				
	Dimension Unit (Grille)	D: In.		14-3/16 (16-11/16)				
		H: In.		7-5/16 (15/16+1/2)				
	Weight Unit (Grille)	Lbs.		41 (10.8)				
	Drain-lift Mechanism	H: In.	19-11/16					
	Field Drainpipe	In.		1-1/4				
Remote Controller	Size O.D.		Compatible	with multiple controls options including k	rumo cloud <sup>®</sup>			
hemote Controller	Type MCA	A		9	14			
	MOCP	A	15	16	24			
	Fan Motor (ECM)	F.L.A.		0.50	0.67			
	Tall Motor (EOM)	Model (Type)	DC INVERTER-driven	DC INVERTER-dri				
	Compressor	R.L.A.	6.2	6.6	10.0			
	Compressor	L.R.A.	7.7	8.2	12.5			
	Airflow (Cooling/Heating)	CFM		0/1,172	1,691 / 1,691			
	Refrigerant Control	-		Linear Expansion Valve	, , , , , , , , , , , , , , , , , , , ,			
Outdoor Unit	Defrost Method			Reverse Cycle				
	Sound Pressure Level at Cooling *1	dB(A)	48	49	54			
	Sound Pressure Level at Heating *2	dB(A)	50	51	55			
	External Finish Color			Munsell No. 3Y 7.8/1.1				
	External Fillion Gold.	W: In.	31	1-1/2	33-1/6			
	Dimensions	D: In.		1-1/4	13			
	Differsions							
	10/-:	H: In.		-5/8	34-5/8			
	Weight	Lbs.	-	81 R410A	127			
Defrigerent	Type	lba ∩-	0.5	1	2.0			
Refrigerant	Charge	Lbs., Oz.	2, 5	2, 9	3, 9			
	Oil Can Sida O D	Type (fl. oz.) In.	FV50S (9.1)	FV50S 3/8	1/2			
Refrigerant Pipe	Gas Side O.D. Liquid Side O.D.	In. In.		1/4	1/2			
	+ '				E0			
Refrigerant Pipe Length	Height Difference (Max.)	Ft.		40	50			
	Length (Max.)	Ft.		65	100			

NOTES: Test conditions are based on AHRI 210/240.

- \*1. Rating conditions (cooling) Indoor: D.B. 80° F (27° C), W.B. 67° F (19° C); Outdoor: D.B. 95° F (35° C), W.B. 75° F (24° C).
- \*2. Rating conditions (heating) Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 47° F (8° C), W.B. 43° F (6° C).
- \*3. Rating conditions (heating) Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 17° F (-8° C), W.B. 15° F (-9° C).
  \*4. Indoor units receive power from outdoor units through field-supplied interconnected wiring.

Specifications are subject to change without notice.

LIMITED WARRANTY I Five years parts and seven years compressor.

# SINGLE-ZONE | SEZ SYSTEM | HEAT PUMP



Model Name	Indoor Unit		SEZ-KD09NA4	SEZ-KD12NA4	SEZ-KD15NA4	SEZ-KD18NA			
model Name	Outdoor Unit		SUZ-KA09NA2	SUZ-KA12NA2	SUZ-KA15NA2	SUZ-KA18NA			
	Rated Capacity	Btu/h	9,000	12,000	15,000	18,000			
	Capacity Range	Btu/h	3,900 – 9,000	4,000 - 12,000	5,200 – 15,000	6,100 – 18,000			
Cooling *1	Rated Power Input	W	700	930	1,150	1,310			
Cooling	Energy Efficiency	SEER	18.8	20.5	19.0	20.0			
	Moisture Removal	Pints/h	1.5	1.9	1.9	2.8			
	Sensible Heat Factor		0.82	0.82	0.86	0.82			
	Rated Capacity	Btu/h	12,000	15,000	18,000	21,600			
	Capacity Range	Btu/h	4,200	4,800	5,000	8,100			
Heating at 47° F *2	Rated Power Input	W	1,100	1,330	1,440	1,580			
	HSPF (IV)	Btu/h/W	18.8	20.5	19.0	20.0			
	Rated Capacity	Btu/h	7,600	10,000	11,700	13,900			
Heating at 17° F *3	Rated Power Input	w	880	1,180	1,280	1,420			
	Maximum Capacity	Btu/h	6,700	9,000	11,900	13,100			
Heating at 5° F	Maximum Capacity	Btu/h	6,000	7,900	10,000	12,000			
Power Supply *4	Phase, Cycle, Voltage	Dtu/11	0,000	·	0Hz, 208 / 230V	12,000			
о. осерену т	Indoor-Outdoor S1 – S2				208-230V				
Voltage	Indoor-Outdoor S1=32				0 ±24V				
	MCA	A			1				
	Fan Motor (ECM)	F.L.A.	0.51	0.57	0.	74			
	Tall Motor (LOM)	DRY (CFM)	194-247-317	247-317-388	353-441-529	423-529-635			
	Airflow at Cooling (Lo - Med - Hi)	WET (CFM)				+			
	A: (1 A4 1 11)	<del></del>	174-222-285	222-285-349	317-396-476	381-476-572			
	Airflow at Heating (Lo — Med — Hi)	DRY (CFM)	194-247-317	247-317-388	353-441-529	423-529-635			
	External Static Pressure	In. W.G.	00.00.00		06-0.14-0.20 30-34-37	00.04.00			
Indoor Unit	Sound Pressure Level (Lo — Med — Hi)  External Finish	dB(A)	23-26-30	23-28-33		30-34-38			
	External Finish		0.4.4/0		- Steel Sheets	10.70			
	L	W: In.	31-1/8		39	46-7/8			
	Dimension Unit	D: In.			7-9/16				
		H: In.			7-7/8				
	Weight Unit	Lbs.	42	50	54	62			
	Drain-lift Mechanism	H: In.			-21/32				
	Field Drainpipe Size O.D.	ln.			1-1/4				
Remote Controller	Туре			· · · · · · · · · · · · · · · · · · ·	rols options including kumo				
	MCA	A	9		10	14			
	MOCP	A	15	16	18	24			
	Fan Motor (ECM)	F.L.A.		0.50		0.67			
		Model (Type)	DC INVERTER-driven		INVERTER-driven Twin R	1			
	Compressor	R.L.A.	6.2	6.6	7.4	10.0			
		L.R.A.	7.7	8.2	9.3	12.5			
	Airflow (Cooling/Heating)	CFM	1,229 /	/ 1,172	1,243 / 1,229	1,691 / 1,691			
Outdoor Unit	Refrigerant Control			Linear Ex	pansion Valve				
Outdoor Offit	Defrost Method				rse Cycle				
	Sound Pressure Level at Cooling *1	dB(A)	48		49	54			
	Sound Pressure Level at Heating *2	dB(A)	50		51	55			
	External Finish Color			Munsell N	lo. 3Y 7.8/1.1				
		W: In.		31-1/2		33-1/6			
	Dimensions	D: In.		11-1/4		13			
		H: In.		21-5/8		34-5/8			
	Weight	Lbs.		81		127			
	Туре	1			410A	1			
Refrigerant	Charge	Lbs., Oz.	2, 5		2, 9	3, 9			
3	Oil	Type (fl. oz.)	FV50S (9.1)		FV50S (11.8)				
	Gas Side O.D.	In.	3/	/8		/2			
Refrigerant Pipe	Liquid Side O.D.	In.	,		1/4				
	Height Difference (Max.)	Ft.		40	*	50			
	rioignit Dinicionos (Max.)	Ft.				1			
Refrigerant Pipe Length	Length (Max.)	Ft.		65		100			

NOTES: Test conditions are based on AHRI 210/240.

- \*1. Rating conditions (cooling) Indoor: D.B. 80° F (27° C), W.B. 67° F (19° C); Outdoor: D.B. 95° F (35° C), W.B. 75° F (24° C).
- \*2. Rating conditions (heating) Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 47° F (8° C), W.B. 43° F (6° C).
- \*3. Rating conditions (heating) Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 17° F (-8° C), W.B. 15° F (-9° C).
- \*4. Indoor units receive power from outdoor units through field-supplied interconnected wiring.

Specifications are subject to change without notice.

LIMITED WARRANTY I Five years parts and seven years compressor.

### SINGLE-ZONE | PEAD SYSTEM | HEAT PUMP

D _	THE RESERVED		No.
		-	No. of Concession, Name of

Madal Name Indoor Unit PEAD-A09AA7 PEAD-A12AA7 PEAD-A15AA7 PEAD-A18AA7 PEAD-A24AA7 PEAD-A3						PEAD-A30AA7	PEAD-A36AA7			
Model Name	Outdoor L	Jnit	SUZ-KA09NA2	SUZ-KA12NA2*5	SUZ-KA15NA2	SUZ-KA18NA2	SUZ-KA24NA2	SUZ-KA30NA2	SUZ-KA36NA2	
	Rated Capacity	Btu/h	9,000	12,000	15,000	18,000	24,000	27,000	33,000	
	Capacity Range	Btu/h	4,300 – 9,000	4,400 – 12,000	5,500 – 15,000	6,200 – 18,000	12,000 – 24,000	13,200 – 27,000	14,000 – 33,000	
	Rated Power Input	W	720	930	1,150	1,270	1,920	2,160	3,510	
Cooling *1	Energy Efficiency	SEER	19.7	20.5	19.2	19.8	18.0	18.0	16.0	
	Moisture Removal	Pints/h	0.8	1.1	1.3	3.2	4.9	3.9	4.8	
	Sensible Heat Factor	1 1110/11	0.9	0.9	0.9	0.8	0.77	0.84	0.84	
	Rated Capacity	Btu/h	12,000	15,000	18,000	21,600	25,000	30,000	33,500	
Heating at	Capacity Range	Btu/h	3,960 – 13,000	4,800 – 17,000	4,900 – 21,500	8,120 – 25,600	14,400 – 28,000	15.860 – 33.000	14,750 – 36,000	
47° F *2	Rated Power Input	W	900	1,160	1,350	1,600	1,990	2,410	3,170	
	HSPF (IV)	Btu/h/W	12.6	13.0	11.6	12.9	11.2	12.6	11.6	
	Rated Capacity	Btu/h	7,600	9,900	11,300	14,000	15,000	22,400	23,100	
Heating at 17° F *3	Rated Power Input	W	880	1,070	1,350	1,440	1,650	1,920	2,830	
17 1 3	Maximum Capacity	Btu/h	7,600	9,900	11,300	1,400	15,000	22,400	23,100	
Heating at 5° F	Maximum Capacity	Btu/h	6,100	7,900	10,100	12,000	-	-	-	
Power Supply *4	Phase, Cycle, Voltage				1 Pha	se, 60Hz, 208 / 23	OV			
Voltage	Indoor-Outdoor S1-S2	2		AC 208-230V						
voitage	Indoor-Outdoor S2-S	3				DC ±24V				
	MCA	А		1.45	1.	69	2.63	2.73	3.3	
	Blower Motor (ECM)	F.L.A.		1.16	1.	35	2.1	2.18	2.64	
	Airflow at Cooling/Heating	DRY (CFM)	282-318-353	353-424-494	424-5	12-600	512-636-742	618-742-883	847-1,024-1,201	
	(Lo — Med — Hi)	WET (CFM)	254-286-318	318-382-445	382-4	61-540	461-572-667	556-668-795	762-922-1,081	
	External Static Pressure	In. W.G.			0.14	0.20-0.28-0.40-0.6	60	ı		
Indoor Unit	Sound Pressure Level (Lo — Med — Hi)	dB(A)	24-26-28 28-30-34 30-33-37					30-34-39	33-38-42	
IIIdoor onit	External Finish	•	Galvanized					•		
		W: In.		35-7/16 43-5/16 55-1/8					55-1/8	
	Dimension Unit	D: In.		28-7/8						
		H: In.								
	Weight Unit	Lbs.		58	6	2	6	9	86	
	Drain-lift Mechanism	H: In.	27-9/16							
	Field Drainpipe Size O.D.	ln.				1-1/4				
Remote Controller	Туре			Con	npatible with multiple	e controls options in	cluding kumo cloud	B		
Controller	MCA	A		9	10	14		17		
	MOCP	A	15	16	18	24		31		
	Fan Motor (ECM)	F.L.A.		0.50		0.67		1		
	, ,	Model (Type)	DC INVERTER- driven	DC INVE	RTER-driven Twin I	Rotary	DC INVERTER- driven	DC INVERTER-d	C INVERTER-driven Twin Rotary	
	Compressor	R.L.A.	6.2	6.6	7.4	10.0		13.0		
		L.R.A.	7.7	8.2	9.3	12.5		16.0		
	Airflow (Cooling/	CFM	1.229	9 / 1,172	1,243 / 1,229	1,691 / 1,691		2,020 / 1,930		
	Heating)		,							
Outdoor Unit	Refrigerant Control  Defrost Method				Line	ear Expansion Valve				
	Sound Pressure				-					
	Level at Cooling *1	dB(A)	48	49		54		55		
	Sound Pressure	dB(A)	50	51		55		55		
	Level at Heating *2	GD(A)	30	31						
	External Finish Color				Mui	nsell No. 3Y 7.8/1.1				
		W: In.		31-1/2				-1/6		
	Dimensions	D: In.		11-1/4			1	3		
		H: In.		21-5/8	1		34-	-5/8		
	Weight	Lbs.								
Dofring	Type	Iba O-	2.5	2.0		R410A		4 4 4		
Refrigerant	Charge	Lbs., Oz.								
	Gas Side O.D.	Type (fl. oz.) In.	FV50S (9.1)	3/8	FV50S (11.8)	/2		FV50S (15.6) 5/8		
Refrigerant Pipe	Liquid Side O.D.	In. In.		1/4		-		3/8		
	Height Difference									
Refrigerant Pipe Length	(Max.)	Ft.		40		50		100		
Connection	Length (Max.)	Ft.		65			10	00		
Method	Indoor/Outdoor					Flared/Flared				

NOTES: Test conditions are based on AHRI 210/240.

- \*1. Rating conditions (cooling) Indoor: D.B. 80° F (27° C), W.B. 67° F (19° C); Outdoor: D.B. 95° F (35° C), W.B. 75° F (24° C).
- \*2. Rating conditions (heating) Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 47° F (8° C), W.B. 43° F (6° C).
- \*3. Rating conditions (heating) Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 17° F (-8° C), W.B. 15° F (-9° C).
- \*4. Indoor units receive power from outdoor units through field-supplied
- interconnected wiring.
- \*5. Port adapter (MAC-A455JP-E) is needed for PEAD-A12AA7 connection with

SUZ-KA12NA2.

Specifications are subject to change without notice.

LIMITED WARRANTY I Five years parts and seven years compressor.

# MULTI-ZONE | MXZ-C | HEAT PUMP



Model	Name	Outdoor Uni	t	MXZ-2C20NA2 *5	MXZ-3C24NA2 *5	MXZ-3C30NA2	MXZ-4C36NA2 *6	MXZ-5C42NA2
	Cooling *1	Rated Capacity	Btu/h	18,000/20,000	22,000/23,600	28,400/27,400	35,400/34,400	40,500/37,500
	Non-ducted/	0 " 0	Dt. //-	F 700 00 000	12,600-22,000 /	12,600-28,400/	12,600 - 36,400 /	0.000 40.000
	Ducted	Capacity Range	Btu/h	5,700-20,000	12,600 - 25,500	12,600-27,400	12,600-34,800	6,000-43,000
	Ducteu	Rated Power Input	W	1,417/ 2,000	1,620/2,100	2,680/2,840	3,760/3,940	4,403/4,112
		Rated Capacity	Btu/h	22,000	25,000/24,600	28,600/27,600	36,000/34,400	45,000/41,000
	Heating at 47° F	0 11 0	Dt. //-	7 400 05 000	11,400-30,600/	11,400-36,000/	11,400-43,000/	7,000 50,000
Indoor Unit	*2 Non-ducted/	Capacity Range	Btu/h	7,400 - 25,000	11,400-29,400	11,400-35,000	11,400-41,400	7,200-53,600
	Ducted	Rated Power Input	W	1,641/ 1,771	1,750/1,900	2,150/2,220	3,020/3,100	3,575/3,463
	Heating at 17° F	Rated Capacity	Btu/h	12,500/ 13,500	14,000/14,000	16,000/15,100	22,200/20,300	24,400/23,000
	*3 Non-ducted/	Maximum Capacity	Btu/h	15,500/14,500	19,600/19,600	21,000/21,000	26,600/26,600	30,500/29,100
	Ducted	Rated Power Input	W	1,300/1,350	2,120/2,230	2,120/2,140	3,340/3,450	2,943/2,869
	Heating at 5° F	Maximum Capacity	Btu/h	11,100/10,900	18,200	18,200	24,000	26,000
Power Supply *	7	Phase, Cycle, Voltage			1	-phase, 60Hz, 208 / 230	)V	
Voltage		Indoor-Outdoor S1-S2				AC 208 / 230V		
		Indoor-Outdoor S2-S3	T		1	DC ±24V		
		MCA	А	17.2	22		22.1	32.5
		MOCP	A	20		25		40
		Fan Motor (ECM)	F.L.A.	1.77			43	
			Model (Type)		DC I	NVERTER-driven Twin Ro	otary	
		Compressor	R.L.A.	10.7		12		20
	_		L.R.A.	15.5		13.7		28.8
		Airflow (Cooling/Heating)	CFM	1,342	/1,458	2,068/1,605	1,365/1,605	2,118/2,542
		Refrigerant Control				Linear Expansion Valve		
Outdoor Unit *4		Defrost Method	1		Υ	Reverse Cycle	T	
		Sound Pressure Level at Cooling *1	dB(A)	50	51	52	54	56
		Sound Pressure Level at Heating *2	dB(A)	54	55 56			58
		External Finish Color			N	Nunsell No. 3.0Y 7.8 / 1.	1	
			W: In.	33-1/16		37-1	3/32	
		Dimensions	D: In.			13		
			H: In.	27-15/16		31-11/32		41-9/32
		Weight	Lbs.	126	137	137	139	189
Indoor Unit		No. of Units		1	2	2, 3	2, 3, 4	2,3,4,5
Remote Control	er	Туре			Ass	ociated with the Indoor	Unit	
		Туре				R410A		
Refrigerant		Charge	Lbs., Oz.	3, 15		6, 13		8, 13
rionigorani	erngerant	Oil	Type (fl. oz.)	NE022 (20.3)		FV50S (24.7)		FV50S (37.4)
Defiles and Disc		Gas Side O.D.	ln.	A, B: 3/8	A: 1/2; B C: 3/8	A: 1/2; B, C: 3/8	A: 1/2; B, C, D: 3/8	A: 1/2; B,C,D,E: 3/8
Refrigerant Pipe		Liquid Side O.D.	ln.		•	1/4	•	•
Max Refrigerant I	Refrigerant Line Length         Ft.         164         230		30					
Max. Piping Leng	Max. Piping Length for Each Indoor Unit					82		
Max. Refrigerant		If IDU is Above ODU	Ft.			49		
Pipe Height Differ	rence	If IDU is Below ODU	Ft.	33		4		
Connection Met		Indoor/Outdoor			l	Flared/Flared	-	
SSIIIIOOGOII WIGE				l .		. iaioa/i iaioa		

NOTES: Test conditions are based on AHRI 210/240. One indoor unit is turned off during low-speed testing under the new test conditions. Systems actually exhibit higher energy efficiencies during normal operation.

- \*1. Rating conditions (cooling) Indoor: D.B. 80° F (27° C), W.B. 67° F (19° C); Outdoor: D.B. 95° F (35° C), W.B. 75° F (24° C).
- \*2. Rating conditions (heating) Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 47° F (8° C), W.B. 43° F (6° C).
- \*3. Rating conditions (heating) Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 17° F (-8° C), W.B. 15° F (-9° C).
- \*4. Refer to pages 47–55 for Indoor Unit specifications.
- \*5. Data from combination of two Indoor Units 6,000 Btu/h and one 9,000 Btu/h (non-ducted) or three 9,000 Btu/h (ducted).
- \*6. Data from combination of four Indoor Units 9,000 Btu/h (non-ducted and ducted).
- \*7. Indoor units receive power from outdoor units through field-supplied interconnected wiring.

Specifications are subject to change without notice.

LIMITED WARRANTY | Five years parts and seven years compressor.

### MULTI-ZONE | MXZ-C | HEAT PUMP



Model	Name	Outdoor Unit		MXZ-8C48NA *8	MXZ-8C60NA *8		
	Cooling *1	Rated Capacity	Btu/h	48,000/48,000	60,000/60,000		
	Non-ducted/	Capacity Range	Btu/h	6,000-48,000	6,000–60,000		
	Ducted	Rated Power Input	W	4,000/5,050	4,800/6,250		
	Heating at 47° F	Rated Capacity	Btu/h	54,000/54,000	66,000/66,000		
	*2 Non-ducted/	Capacity Range	Btu/h	7,200-54,000	7,200-66,000		
Indoor Unit	Ducted	Rated Power Input	W	4,220/4,990	4,870/4,750		
	Heating at 17° F	Rated Capacity	Btu/h	36,600/36,600	41,500/40,500		
	*3 Non-ducted/	Maximum Capacity	Btu/h	36,600/36,600	65,000/58,000		
	Ducted	Rated Power Input	W	3,720/4,420	4,870/4,750		
	Heating at 5° F Non-ducted/ Ducted	Maximum Capacity	Btu/h	57,000/42,000	57,000/42,000		
Power Supply *	7	Phase, Cycle, Voltage	•	1-phase, 60Hz,	208/230V		
Voltago		Indoor-Outdoor S1-S2		AC 208/2	30V		
Voltage		Indoor-Outdoor S2-S3		DC ±24	V		
		MCA	A	37	46		
		MOCP	A	52	52		
			Model (Type)	DC INVERTER-driven Scroll Hermetic			
		Compressor	R.L.A.	19	18		
			L.R.A.	22	29		
		Airflow (Cooling/Heating)	CFM	3,885	4,879		
		Refrigerant Control		Linear Expansi	on Valve		
Outdoor Unit *4		Defrost Method		Reverse Cycle			
		Sound Pressure Level at Cooling *1	dB(A)	51	58		
		Sound Pressure Level at Heating *2	dB(A)	54	59		
		External Finish Color		Munsell No. 3.0Y 7.8/1.1			
			W: In.	41-11/32			
		Dimensions	D: In.	13+1			
			H: In.	52-11/1	6		
		Weight	Lbs.	269	309		
Indoor Unit		No. of Units		2, 3, 4, 5, 6, 7, 8	2, 3, 4, 5, 6*, 7, 8		
Remote Control	ler	Туре		Associated with th	e Indoor Unit		
		Туре		R410A			
Refrigerant		Charge	Lbs., Oz.	10, 9	11, 4		
		Oil	Type (fl. oz.)	FV50S (7	73)		
Pofrigoront Pina		Gas Side O.D.	ln.	5/8	3/4		
Refrigerant Pipe	;	Liquid Side O.D.	In.	3/8			
Max Refrigerant I	Nax Refrigerant Line Length		Ft.	492			
Max. Piping Leng	Max. Piping Length for Each Indoor Unit			262			
Max. Refrigerant		If IDU is Above ODU	Ft.	131**	131**		
Pipe Height Differ	rence	If IDU is Below ODU	Ft.	164**	164**		
Connection Met	hod	Indoor/Outdoor		Flared/Fla	ired		

NOTES: Test conditions are based on AHRI 210/240. One indoor unit is turned off during low-speed testing under the new test conditions. Systems actually exhibit higher energy efficiencies during normal operation.

- \*1. Rating conditions (cooling) Indoor: D.B. 80° F (27° C), W.B. 67° F (19° C); Outdoor: D.B. 95° F (35° C), W.B. 75° F (24° C).
- \*2. Rating conditions (heating)—Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 47° F (8° C), W.B. 43° F (6° C).
- \*3. Rating conditions (heating)—Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 17° F (-8° C), W.B. 15° F (-9° C).
- \*4. Refer to pages 47-55 for Indoor Unit specifications
- \*5. Data from combination of two Indoor Units 6,000 Btu/h and one 9,000 Btu/h (non-ducted) or three 9,000 Btu/h (ducted).
- \*6. Data from combination of four Indoor Units 9,000 Btu/h (non-ducted and ducted).
- \*7. Indoor units receive power from outdoor units through field-supplied interconnected wiring.
- $^{*}8.\ \mathsf{MXZ}\text{-}8\mathsf{C}48\mathsf{NA}$  and  $\mathsf{MXZ}\text{-}8\mathsf{C}60\mathsf{NA}$  require branch box for operation.
- \* When the system includes one or more PLA-A·EA7, the number of the maximum connectable indoor units is decreased as follows: 3 for MXZ-4C36NAHZ, 4 for MXZ-5C42NAHZ, and 6 for MXZ-8C48NA(HZ) and MXZ-8C60NA.
- \*\* Branch Box should be placed within the level between the outdoor unit and indoor units.

  Specifications are subject to change without notice.

LIMITED WARRANTY | Five years parts and seven years compressor.

	Model Name		PAC-MKA31BC	PAC-MKA51BC	
Connectable No.	of Indoor Units		3	5	
Power Supply	Phase, Cycle, Volt	age	1 Phase, 60h	lz, 208 / 230V	
Power Input		W		3	
Current		Α	0.	.05	
External Finish			Galvanized-Steel Sheets		
	Width	ln.	17-2 3/32		
Dimensions	Depth	In.	11-1/32		
	Height	In.	6-1	1/16	
Net Weight		Lbs.	15	16	
	Outdoor Unit to	Gas (In.)	5	/8	
Refrigerant Pipe	Branch Box	Liquid (In.)	3/8		
Dimensions	Branch Box to	Gas (In.)	A,B,C: 3/8	A, B, C, D: 3/8; E: 1/2	
	Indoor Units	Liquid (In.)	A,B,C: 1/4	A, B, C, D, E: 1/4	

Only a single lineset is needed from the outdoor unit to branch box. Branch Boxes: (At least one branch box required)





PAC-MKA31BC

PAC-MKA51BC

### MULTI-ZONE | MXZ-C | H2i HEAT PUMP





N	Model Name	Outdoor Unit		MXZ-2C20NAHZ2 MXZ-3C24NAHZ2 MXZ-3C30NAHZ2				
		Rated Capacity	Btu/h	18,000 / 20,000	22,000 / 23,600	28,400 / 27,400		
	Cooling *1 Non-ducted/ Ducted	Capacity Range	Btu/h	6,000 – 20,000	6,000 – 23,600	6,000 - 28,400		
		Rated Power Input	W	1,334 / 1,819	1,630 / 2,360	2,272 / 2,661		
		Rated Capacity	Btu/h	22,000 / 22,000	25,000 / 24,600	28,600 / 27,600		
Indoor	Heating at 47° F *2 Non-ducted/Ducted	Capacity Range	Btu/h	7,400 - 25,500	7,200 - 30,600	7,200 - 36,000		
Units		Rated Power Input	W	1,612 / 1,748	1,725 / 1,871	2,096 / 2,187		
		Rated Capacity	Btu/h	13,700 / 13,700	14,000 / 14,000	18,000 / 16,500		
	Heating at 17° F *3 Non-ducted/Ducted	Maximum Capacity	Btu/h	22,000 / 22,000	25,000 / 24, 600	28,600 / 27, 600		
		Rated Power Input	W	1,450 / 1,588	1,622 / 1,635	1,991 / 1,993		
	Heating at 5° F	Maximum Capacity	Btu/h	22,000	25,000	28,600		
Power Su	upply *5	Phase, Cycle, Voltage			1-phase, 60Hz, 208 / 230V			
Voltage		Indoor - Outdoor S1 - S2			AC 208 / 230V			
Voltage		Indoor - Outdoor S2 - S3			DC ±24V			
		MCA	А	29.5	30	).5		
		MOCP	А		40			
		Fan Motor (ECM)	F.L.A.	2.43				
			Model (Type)	DC INVERTER-driven Twin Rotary				
		Compressor	R.L.A.		12			
			L.R.A.		28.8			
		Airflow (Cooling/Heating)	CFM	2,118 / 2,542	2,118 / 2,542	2,224 / 2,542		
Outdoor	Unit *4	Refrigerant Control			Linear Expansion Valve			
		Defrost Method			Reverse Cycle			
		Sound Pressure Level at Cooling *1	dB(A)	54				
		Sound Pressure Level at Heating *2	dB(A)		58			
		External Finish Color		Munsell No. 3.0Y 7.8 / 1.1				
			W: In.	37-13/32				
		Dimensions	D: In.		13			
			H: In.		41-9/32			
		Weight	Lbs.	187	18	39		
Indoor Ur	nit	No. of Units		2	2, 3	2, 3		
Remote (	Controller	Туре			Associated with the Indoor Unit			
		Туре			R410A			
Refrigera	ınt	Charge	Lbs., Oz.		6, 13			
		Oil	Type (fl. oz.)		FV50S (24.7)			
Dofrie	ent Dino	Gas Side O.D.	ln.	A,B: 3/8	A: 1/2; B,C: 3/8	A: 1/2; B,C: 3/8		
Refrigera	uit ripe	Liquid Side O.D.	ln.		1/4			
Max Refr	Max Refrigerant Line Length		Ft.	164	20	30		
Max. Pipi	Max. Piping Length for Each Indoor Unit				82			
Max. Ref	rigerant	If IDU is Above ODU	Ft.		49			
	ght Difference	If IDU is Below ODU	Ft.		49			
Connecti	ion Method	Indoor/Outdoor			Flared/Flared			

NOTES: Test conditions are based on AHRI 210/240.

- \*1. Rating conditions (cooling)-Indoor: D.B. 80° F (27° C), W.B. 67° F (19° C); Outdoor: D.B. 95° F (35° C), W.B. 75° F (24° C).
- \*2. Rating conditions (heating)-Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 47° F (8° C), W.B. 43° F (6° C).
- \*3. Rating conditions (heating)-Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 17° F (-8° C), W.B. 15° F (-9° C).
- \*4. Refer to pages 47–55 for Indoor Unit specifications.
- \*5. Indoor units receive power from outdoor units through field-supplied interconnected wiring.

Specifications are subject to change without notice.

LIMITED WARRANTY | Five years parts and seven years compressor.

### MULTI-ZONE | MXZ-C | H2i HEAT PUMP





	Model Name	Outdoor Unit		MXZ-4C36NAHZ *6	MXZ-5C42NAHZ *6	MXZ-8C48NAHZ *6			
	0 5 44 1 1 1 1	Rated Capacity	Btu/h	36,000 / 36,000	42,000 / 42,000	48,000 / 48,000			
	Cooling *1 Non-ducted/ Ducted	Capacity Range	Btu/h	6,000 – 36,000	6,000 – 42,000	6,000 - 48,000			
	Duoted	Rated Power Input	W	2,570 / 3,180	3,130 / 3,890	4,000 / 5,050			
		Rated Capacity	Btu/h	45,000 / 45,000	48,000 / 48,000	54,000 / 54,000			
Indoor	Heating at 47° F *2 Non-ducted/Ducted	Capacity Range	Btu/h	7,200 - 45,000	7,200 - 48,000	7200 - 54,000			
Unit	Tron adotod/ Baotod	Rated Power Input	W	3,340 / 4,250	3,430 / 4,350	4,220 / 4,990			
		Rated Capacity	Btu/h	34,000 / 36,000	35,800 / 36,600	40,000 / 43,000			
	Heating at 17° F *3 Non-ducted/Ducted	Maximum Capacity	Btu/h	45,000 / 45,000	48,000 / 48,000	54,000 / 54,000			
	Non adoled/ Basica	Rated Power Input	W	3,500 / 4,590	3,650 / 4,290	4,340 / 5,250			
	Heating at 5° F	Maximum Capacity	Btu/h	45,000	48,000	54,000			
Power St	upply	Phase, Cycle, Voltage			1-phase, 60Hz, 208 / 230V				
\/-l\		Indoor — Outdoor S1 – S2			AC 208 / 230V				
Voltage		Indoor — Outdoor S2 – S3			DC ±24V				
		MCA	Α		42				
		MOCP	Α		52				
		Fan Motor (ECM)	F.L.A.		0.4+0.4				
			Model	DC INVERTER-driven Scroll Hermetic					
		Compressor	(Type) R.L.A.	19					
			L.R.A.		22				
		Airflow (Cooling/Heating)	CFM		3,885 / 3,885				
		Refrigerant Control	0		Linear Expansion Valve				
Outdoor	Unit *4	Defrost Method			Reverse Cycle				
		Sound Pressure Level at Cooling *1	dB(A)	49 50 51					
		Sound Pressure Level at Heating *2	dB(A)	53	54	54			
		External Finish Color	ab(r)	Munsell No. 3Y 7.8/1.1					
		External Finish Color	W: In.	41-11/32					
		Dimensions	D: In.	13+1					
		Birronoidio	H: In.		52-11/16				
		Weight	Lbs.		276				
Indoor U	nit	No. of Units		2,3*,4	2,3,4*,5	2,3,4,5,6*,7,8			
Remote (	Controller	Туре			Associated with indoor unit				
		Туре			R410A				
Dofrigoro	nt	Charge	Lbs., Oz.		10, 9				
Refrigera	nt	Oil	Type (fl. oz.)	FV50S (3.7)	FV50S (37.4)	FV50S (73)			
Defeier	at Dia -	Gas Side O.D.	ln.		5/8				
neirigera	Refrigerant Pipe Liquid Side O.D.		ln.		3/8				
Max Refr	Max Refrigerant Line Length		Ft.		492				
Max. Pip	ing Length for Each Indoor	Unit		262					
Max. Ref	rigerant	If IDU is Above ODU	Ft.		131**				
	ght Difference	If IDU is Below ODU	Ft.	164**					
Connecti	on Method	Indoor/Outdoor			Flared/Flared				
		l.							

NOTES: Test conditions are based on AHRI 210/240. One indoor unit is turned off during low-speed testing under the new test conditions. Systems actually exhibit higher energy efficiencies during normal operation.

- \*1. Rating conditions (cooling)-Indoor: D.B. 80° F (27° C), W.B. 67° F (19° C); Outdoor: D.B. 95° F (35° C), W.B. 75° F (24° C).
- \*2. Rating conditions (heating)-Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 47° F (8° C), W.B. 43° F (6° C).
- \*3. Rating conditions (heating)-Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 17° F (-8° C), W.B. 15° F (-9° C).
- \*4. Refer to pages 47–55 for Indoor Unit specifications.
- \*5. Indoor units receive power from outdoor units through field-supplied interconnected wiring.
- $^{*}6.\ \text{MXZ-4C36NAHZ},\ \text{MXZ-5C42NAHZ}$  and MXZ-8C48NAHZ require branch box for operation.
- \* When the system includes one or more PLA-A-EA7, the number of the maximum connectable indoor units is decreased as follows: 3 for MXZ-4C36NAHZ, 4 for MXZ-5C42NAHZ, and 6 for MXZ-8C48NA(HZ) and MXZ-8C60NA.
- $^{\star\star}$  Branch box should be placed within the level between the outdoor unit and indoor units.

Specifications are subject to change without notice.

LIMITED WARRANTY | Five years parts and seven years compressor.

Only a single lineset is needed from the outdoor unit to branch box. Branch Boxes: (At least one branch box required)

	Model Name		PAC-MKA31BC	PAC-MKA51BC		
Connectable No. o	of Indoor Units		3	5		
Power Supply	Phase, Cycle	e, Voltage	1 Phase, 60Hz, 208 / 230V			
Power Input	-	W		3		
Current		Α	0.05			
External Finish			Galvanized-Steel Sheets			
	Width	ln.	17-23/32			
Dimensions	Depth	ln.	11-1/32			
	Height	ln.	6-11/16			
Net Weight		Lbs.	15	16		
	Outdoor Unit to	Gas (In.)	5	i/8		
Refrigerant Pipe Dimensions	Branch Box	Liquid (In.)	3/8			
	Branch Box to	Gas (In.)	A,B,C: 3/8	A, B, C, D: 3/8; E: 1/2		
	Indoor Units	Liquid (In.)	A,B,C: 1/4	A, B, C, D, E: 1/4		





PAC-MKA31BC

PAC-MKA51BC

### MULTI-ZONE | MSZ-FH | HEAT PUMP

(FOR MXZ-C OUTDOOR UNITS)

Model Name	Indoor	Unit	MSZ-FH06NA	MSZ-FH09NA	MSZ-FH12NA	MSZ-FH15NA	MSZ-FH18NA2	
Cooling *1	Rated Capacity	Btu/h	6,000	9,000	12,000	15,000	17,200	
Heating at 47° F *2	Rated Capacity	Btu/h	8,700	10,900	13,600	18,000	20,300	
Power Supply *3	Phase, Cycle, Vol	tage	1-phase, 60Hz, 208 / 230V					
	Indoor-Outdoor S1-S2				AC 208 / 230V			
Voltage	Voltage Indoor-Outdoor S2-S3				DC ±24V			
MCA A			1.0					
Blower Motor F.L.A.			0.67					
Med — Hi —	Cooling	DRY (CFM)	137-167-221-304-381	137-167-221-304-381	137-167-221-304-398	225-262-304-355-411	225-262-304-355-459	
	Med — Hi —	WET (CFM)	117-143-190-261-328	117-143-190-261-328	117-143-190-261-342	194-225-261-305-354	194-225-261-305-395	
	Heating (Quiet — Lo —	DRY (CFM)	140-167-225-325-437	140-167-225-325-437	140-167-225-325-454	201-254-317-394-497	201-254-317-394-514	
Sound Pressure L (Quiet-Lo — Med *1	Level at Cooling Hi — Super — Hi)	dB(A)	20-23-29-36-40	20-23-29-36-40	21-24-29-36-41	27-31-35-39-44	27-31-35-39-47	
Sound Pressure L (Quiet — Lo — Me *2	Level at Heating d – Hi – Super Hi)	dB(A)	20-24-29-36-42	20-24-29-36-42	21-24-29-36-42	25-29-34-39-46	25-29-34-39-46	
External Finish Co	olor	Į.	l		Munsell 1.0Y 9.2 / 0.	2	I.	
		W: In.			36-7/16			
Dimension Unit		D: In.			9-3/16			
		H: In.			12(+11/16)			
Weight Unit		Lbs.			29			
Field Drainpipe S	ize O.D.	ln.			5/8			
Remote Controller	Туре		Compatible with multiple controls options including kumo cloud <sup>®</sup>					
Refrigerant Type					R410A			
Defrigerent Dir	Gas Side O.D.	ln.		3/8		1	/2	
Refrigerant Pipe	Liquid Side O.D.	ln.			1/4			
Connection Method	Indoor/Ou	itdoor			Flared/Flared			

NOTES: Test conditions are based on AHRI 210/240.

- \*1. Rating conditions (cooling) Indoor: D.B. 80° F (27° C), W.B. 67° F (19° C); Outdoor: D.B. 95° F (35° C), W.B. 75° F (24° C).
- $^{\circ}$ 2. Rating conditions (heating) Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 47° F (8° C), W.B. 43° F (6° C).

Specifications are subject to change without notice.

LIMITED WARRANTY I Five years parts and seven years compressor.

<sup>\*3.</sup> Rating conditions (heating) – Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 17° F (-8° C), W.B. 15° F (-9° C).

### MULTI-ZONE | MSZ-GL | HEAT PUMP

(FOR MXZ-C OUTDOOR UNITS)

Model Name	Indoor Ur	nit	MSZ-GL06NA	MSZ-GL09NA	MSZ-GL12NA	MSZ-GL15NA	MSZ-GL18NA	MSZ-GL24NA
Cooling *1	Rated Capacity	Btu/h	6,000	9,000	12,000	14,000	18,000	22,400
Heating at 47° F *2	Rated Capacity	Btu/h	7,200	10,900	14,400	18,000	21,600	27,600
Power Supply *3	Phase, Cycle, Volta	ge			1-phase,	60Hz, 208 / 230V	1	1
	Indoor - Outdoor S	1 - S2			AC	208 / 230V		
Voltage	Indoor - Outdoor S	2 - S3			[	OC ±24V		
	MCA	А				1.0		
Blower Motor F.L.A.				0.7	6		0.67	0.76
	Airflow at Cooling	DRY (CFM)	145-170-237-321-399	145-170-23	7-321-399	205-272-335-420-533	258-332-416-523-646	388-469-544-628-738
Fan	(Quiet-Lo-Med-Hi- Super Hi)*1	WET (CFM)	109-134-201-286-364	109-134-201-286-364 170-237		170-237-300-385-498	232-299-375-470-581	347-420-487-562-661
	Airflow at Heating (Quiet-Lo-Med-Hi- Super Hi) *2	DRY (CFM)	145-170-237-321-406	145-170-237-321-406		205-247-304-367-463	297-385-469-563-646	388-469-544-628-738
Sound Pressure Le (Quiet-Lo-Med-Hi-		dB(A)	19-22-30-37-43	19-22-30-37-43	19-22-30-37-45	26-32-38-44-49	28-33-38-44-49	34-41-45-49-53
Sound Pressure Le (Quiet-Lo-Med-Hi-		dB(A)	19-22-30-37-43	19-22-30	)-37-43	26-30-35-40-46	28-33-38-43-48	32-41-45-49-52
External Finish Col	or				Munsel	I 1.0Y 9.2 / 0.2	ı	ı
		W: In.		31-7	/16		36-5/16	43-5/16
Dimension Unit		D: In.		9-1	/8		9-13/16	9-3/8
		H: In.		11-5	5/8		12	12-13/16
Weight Unit		Lbs.		22	2		28	37
Field Drainpipe Siz	e O.D.	ln.				5/8		
Remote Controller	emote Controller Type Compatible with multiple controls options including kumo c						no cloud <sup>®</sup>	
Refrigerant Type					R410A			
Refrigerant Pipe	Gas Side O.D.	ln.		3/8		1,	/2	5/8
nemgeram ripe	Liquid Side O.D.	ln.		1/4		3/8		
Connection Method	Indoor/Outd	oor			Fla	red/Flared		

NOTES: Test conditions are based on AHRI 210/240.

Specifications are subject to change without notice.

LIMITED WARRANTY I Seven-year warranty on compressor. Five-year warranty on parts.

# MULTI-ZONE | MSZ-EF | HEAT PUMP

(FOR MXZ-C OUTDOOR UNITS)



Model Name	Indoor Ur	it	MSZ-EF09NAW(S)(B)	MSZ-EF12NAW(S)(B)	MSZ-EF15NAW(S)(B)	MSZ-EF18NAW(S)(B)				
Cooling *1	Rated Capacity	Btu/h	9,000	12,000	14,000	17,200				
Heating at 47° F *2	Rated Capacity	Btu/h	10,900	14,400	18,000	21,600				
Power Supply *3	Phase, Cycle, Volta	age	1-phase, 60Hz, 208/230V							
Indoor-Outdoor S1-S2		-S2	AC 208/230V							
Voltage	Indoor-Outdoor S2	:-S3	DC ±24V							
	MCA	А	1.0							
Blower Motor F.L.				0.	67					
	Airflow at Cooling (Quiet – Lo –	DRY (CFM)	141-162-222-293-371	141-162-222-293-371	205-233-272-314-364	205-240-279-328-388				
Super H  Airflow a (Quiet — Med — I-	Med — Hi — Super Hi)*1	WET (CFM)	121-140-191-252-319	121-140-191-252-319	176-200-234-270-313	176-206-240-282-334				
	Airflow at Heating (Quiet — Lo — Med — Hi — Super Hi) *2	DRY (CFM)	141-162-219-314-420	141-162-219-314-420 141-162-219-314-448		226-258-318-392-466				
Sound Pressure Level at Cooling (Quiet – Lo – Med – Hi – Super Hi) *1		dB(A)	21-23-29-36-42	21-24-29-36-42	28-31-35-39-42	30-33-36-40-43				
Sound Pressure Le (Quiet — Lo — Med	evel at Heating — Hi — Super Hi) *2	dB(A)	21-24-29-37-45	21-24-30-38-46	28-30-35-41-48	30-33-37-43-49				
External Finish Co	olor		W: Munsell 1.0Y 9.2/0.2 S: Munsell 3.1PB 8.2/0.2 B: Munsell 3.7PB 2.0/0.1							
	,	W: In.		34-1	3/16					
Dimension Unit		D: In.		7-1	1/16					
		H: In.		11-	-3/4					
Weight Unit		Lbs.		2	26					
Field Drainpipe Si	ze O.D.	ln.		5	/8					
Remote Controller Type				Compatible with multiple contro	ls options including kumo cloud <sup>®</sup>					
Refrigerant	Туре			R4	R410A					
Gas Side O.D. In.		ln.	3.	/8	1	/2				
nonigerant ripe	Liquid Side O.D.	ln.		1	/4					
Connection Indoor / Outdoor				Flared	/ Flared					

NOTES: Test conditions are based on AHRI 210/240.

- \*1. Rating conditions (cooling) Indoor: D.B. 80° F (27° C), W.B. 67° F (19° C); Outdoor: D.B. 95° F (35° C), W.B. 75° F (24° C).
- \*2. Rating conditions (heating) Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 47° F (8° C), W.B. 43° F (6° C).
- \*3. Indoor units receive power from outdoor units through field-supplied wiring.

Specifications are subject to change without notice.

LIMITED WARRANTY I Five years parts and seven years compressor.

For data on specific indoor unit combinations, visit www.mitsubishipro.com/multizone

<sup>\*1.</sup> Rating conditions (cooling)-Indoor: D.B. 80° F (27° C), W.B. 67° F (19° C); Outdoor: D.B. 95° F (35° C), W.B. 75° F (24° C).

<sup>\*2.</sup> Rating conditions (heating)-Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 47° F (8° C), W.B. 43° F (6° C).

<sup>\*3.</sup> Indoor units receive power from outdoor units through field-supplied wiring.

### MULTI-ZONE | MFZ-KJ | HEAT PUMP

(FOR MXZ-C OUTDOOR UNITS)

Model Name	Model Name Indoor Unit		MFZ-KJ09NA	MFZ-KJ12NA	MFZ-KJ15NA	MFZ-KJ18NA			
Cooling *1	Rated Capacity	Btu/h	9,000	12,000	15,000	17,000			
Heating at 47° F *2	Rated Capacity	Btu/h	11,000	13,000	18,000	21,000			
Power Supply *3	Phase, Cycle, Voltage			1-phase, 60H	Hz, 208/230V				
	Indoor-Outdoor S1-S2		AC 208/230V						
Voltage	Indoor-Outdoor S2-S3		DC ±24V						
	MCA	А		1.	0				
	Motor FLA	А		0.62		0.72			
	Motor Output	W		30		40			
Fan	Airflow at Cooling	DRY (CFM)	138-173-2	08-251-275	198-237-28	32-328-374			
	(Quiet – Lo – Med – Hi – Super Hi) *1		117-147-1	77-213-234	168-201-240-279-318				
	Airflow at Heating (Quiet — Lo — Med — Hi — Super Hi) *2	DRY (CFM)	138-159-1	80-219-343	212-254-29	90-325-470			
Sound Pressure Leve (Quiet – Lo – Med –		dB(A)	21-25-30-34-38 28-31-3			6-40-43			
Sound Pressure Leve (Quiet – Lo – Med –		dB(A)	21-24-2	27-32-41	29-34-3	29-34-36-39-49			
External Finish Color				Munsell 1.0	Y 9.2 / 0.2				
		W: In.		29-1	7/32				
Dimension Unit		D: In.		8-1:	5/32				
		H: In.		23-	5/8				
Weight Unit		Lbs.		3	3				
Field Drainpipe Size	O.D.	ln.		5/	8				
Remote Controller	Туре			Compatible with multiple control	s options including kumo cloud <sup>®</sup>				
Refrigerant	Туре		R410A						
D. ( )	Gas Side O.D.	ln.	3	/8	1,	/2			
Refrigerant Pipe	Liquid Side O.D.	ln.	1/4						
Connection Method	Indoor/Outdoor		Flared / Flared						

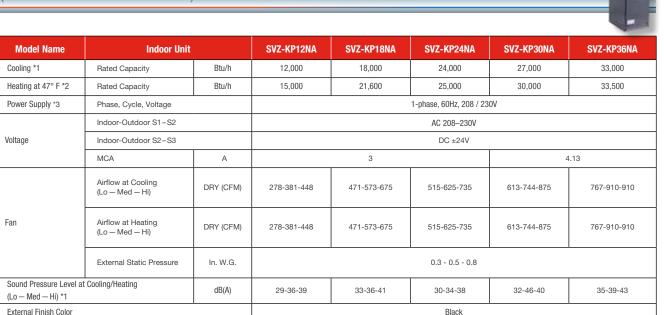
NOTES: Test conditions are based on AHRI 210/240.

Specifications are subject to change without notice.

LIMITED WARRANTY I Five years parts and seven years compressor.

### MULTI-ZONE | SVZ | HEAT PUMP

(FOR MXZ-C OUTDOOR UNITS)



Compatible with multiple controls options including kumo cloud®

21-5/8

R410A

Flared/Flared

43-3/4

119

5/8

3/8

Type Gas Side O.D.

Remote Controller

Dimension Unit

Weight Unit

Refrigerant

Refrigerant Pipe

Connection Method

3/8

1/4

1/2

Type W: In.

D: In.

H: In.

Lbs.

In

ln.

Liquid Side O.D.

Indoor/Outdoor

LIMITED WARRANTY I Five years parts and seven years compressor.

<sup>\*1.</sup> Rating conditions (cooling)-Indoor: D.B. 80° F (27° C), W.B. 67° F (19° C); Outdoor: D.B. 95° F (35° C), W.B. 75° F (24° C).

<sup>\*2.</sup> Rating conditions (heating)-Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 47° F (8° C), W.B. 43° F (6° C).

<sup>\*3.</sup> Indoor units receive power from outdoor units through field-supplied wiring.

NOTES: Test conditions are based on AHRI 210/240.
\*1. Rating conditions (cooling) – Indoor: D.B. 80° F (26.7° C), W.B. 67° F (19.4° C); Outdoor: D.B. 95° F (35° C), W.B. 75° F (23.9° C).

<sup>\*2.</sup> Rating conditions (heating) – Indoor: D.B. 70° F (21.1° C), W.B. 60° F (15.6° C); Outdoor: D.B. 47° F (8.3° C), W.B. 43° F (6.1° C).

<sup>\*3.</sup> Indoor units receive power from outdoor units through field-supplied wiring.

<sup>\*4.</sup> External static pressure is factory set to 0.5" W.G. at factory shipment. Specifications are subject to change without notice.

# MULTI-ZONE | SLZ | HEAT PUMP





Model Name	Indoor Uni	t	SLZ-KF09NA	SLZ-KF12NA	SLZ-KF15NA	
Cooling *1	Rated Capacity	Btu/h	9,000	12,000	14,100	
Heating at 47° F *2	Rated Capacity	Btu/h	11,000	13,000	18,000	
Power Supply *3	Phase, Cycle, Voltage			1-phase, 60Hz, 208/230V		
	Indoor-Outdoor S1-S2			AC 208/230V		
Voltage	Indoor-Outdoor S2-S3			DC ±24V		
	MCA	А	0.25	0.30	0.40	
	Fan Motor (ECM)	F.L.A.	0.20	0.24	0.32	
	Airflow at Cooling	DRY (CFM)	230-265-300	230-265-335	245-315-405	
Fan	(Lo — Med — Hi)	WET (CFM)	207-239-270	207-252-302	221-284-365	
	Airflow at Heating (Lo — Med — Hi)	DRY (CFM)	230-265-335	230-265-335	245-315-405	
Sound Pressure Level at Cooling *1		dB(A)	05.00.04	05.00.04	07.04.00	
Sound Pressure Level at Heati	ng *2	dB(A)	25-28-31 25-30-34		27-34-39	
Grille/Unit External Finish Colo	r		Galvanized Steel Sheets / Grille: Munsell 1.0Y 9.2/0.2			
		W: In.	22-7/16			
Dimension Unit (Grille)		D: In.	22-7/16			
		H: In.	9-1/4			
Weight Unit (Grille)		Lbs.	37			
Drain-lift Mechanism (Inc	luded)	In.	33			
Field Drainpipe Size O.D.		In.	1-1/4			
Remote Controller		Туре	Compatible v	vith multiple controls options includin	g kumo cloud <sup>®</sup>	
Refrigerant	Туре			R410		
D ('	Gas Side O.D.	In.		3/8	1/2	
Refrigerant Pipe	Liquid Side O.D.	In.		1/4		
Connection Method	Indoor/Outdoor	<u>'</u>	Flared/Flared			

NOTES: Test conditions are based on AHRI 210/240.

Specifications are subject to change without notice. LIMITED WARRANTY I Five years parts and seven years compressor.

# MULTI-ZONE | MLZ | HEAT PUMP

(FOR MXZ-C OUTDOOR UNITS)



Model Name	Indoor Unit		MLZ-KP09NA MLZ-KP12NA MLZ-KP1		MLZ-KP18NA	
Cooling *1	Rated Capacity	Btu/h	9,000	12,000	18,000	
Heating at 47° F *2	Rated Capacity	Btu/h	12,000	15,000	21,000	
Power Supply *3	Phase, Cycle, Voltage			1-phase, 60Hz, 208 / 230V		
	Indoor-Outdoor S1 – S2			AC 208–230V		
Voltage	Indoor-Outdoor S2-S3			±24VDC		
	MCA	А		1.0		
	Fan Motor (ECM)	F.L.A.		0.68		
	Airflow at Cooling	DRY (CFM)	212-254-283-311	212-258-297-332	212-293-346-403	
Fan	(Lo — Med — Hi)	WET (CFM)	180-216-240-264	180-219-252-282	180-249-294-343	
	Airflow at Heating (Lo — Med — Hi)	DRY (CFM)	212-247-290-325	212-272-311-350	212-311-364-417	
Sound Pressure Level a	Sound Pressure Level at Cooling *1 dB(A)		27-31-34-38	27-32-36-40	29-36-41-47	
Sound Pressure Level a	t Heating *2	dB(A)	26-29-34-37	26-32-36-40	26-37-42-48	
Grille/Unit External Finis	h Color	•	White/Ivory Munsell 3Y 7.8/1.1			
		W: In.	43-3/8 (47-1/4)			
Dimension Unit (Grille)		D: In.	14-3/16 (16-11/16)			
		H: In.	7-5/16 (15/16+1/2)			
Weight Unit (Grille)		Lbs.	41 (10.8)			
Drain-lift Mechanism (I	ncluded)	ln.	19-11/16			
Field Drainpipe Size O	.D.		1			
Remote Controller	Remote Controller		Compatible with multiple controls options including kumo cloud®			
Refrigerant	Туре		R410A			
Refrigerant Pipe	Gas Side O.D.	ln.	3/8		1/2	
nonigorant i ipo	Liquid Side O.D.	ln.	1/4			
Connection Method	Connection Method Indoor/Outdoor		Flared/Flared			

Specifications are subject to change without notice.

LIMITED WARRANTY I Five years parts and seven years compressor.

<sup>\*1.</sup> Rating conditions (cooling)-Indoor: D.B. 80° F (26.7° C), W.B. 67° F (19.4° C); Outdoor: D.B. 95° F (35° C), W.B. 75° F (23.9° C).

<sup>\*2.</sup> Rating conditions (heating)-Indoor: D.B. 70° F (21.1° C), W.B. 60° F (15.6° C); Outdoor: D.B. 47° F (8.3° C), W.B. 43° F (6.1° C).

<sup>\*3.</sup> Indoor units receive power from outdoor units through field supplied interconnected wiring.

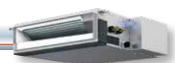
NOTES: Test conditions are based on AHRI 210/240. \*1. Rating conditions (cooling) – Indoor: D.B. 80 $^{\circ}$  F (26.7 $^{\circ}$  C), W.B. 67 $^{\circ}$  F (19.4 $^{\circ}$  C); Outdoor: D.B. 95 $^{\circ}$  F (35 $^{\circ}$  C), W.B. 75 $^{\circ}$  F (23.9 $^{\circ}$  C).

<sup>\*2.</sup> Rating conditions (heating) - Indoor: D.B. 70° F (21.1° C), W.B. 60° F (15.6° C); Outdoor: D.B. 47° F (8.3° C), W.B. 43° F (6.1° C).

<sup>\*3.</sup> Indoor units receive power from outdoor units through field-supplied wiring.

# MULTI-ZONE | SEZ | HEAT PUMP

#### (FOR MXZ-C OUTDOOR UNITS)



Model Name	Indoor Unit		SEZ-KD09NA4	SEZ-KD12NA4	SEZ-KD15NA4	SEZ-KD18NA4	
Cooling *1	Rated Capacity	Btu/h	8,100	11,500	14,100	17,200	
Heating at 47° F *2	Rated Capacity	Btu/h	10,900	13,600	18,000	21,600	
Power Supply *4	Phase, Cycle, Voltage			1-Phase, 60Hz	z, 208/230V		
	Indoor-Outdoor S1 – S2			AC 208-	-230V		
Voltage	Indoor-Outdoor S2-S3			DC ±2	24V		
	MCA	А		1.0			
	Blower Motor (ECM)	F.L.A.	0.51	0.57	0.74	1	
Fan	Airflow at Cooling/Heating (Lo — Med — Hi)	DRY (CFM)	194-247-317	247-317-388	353-441-529	423-529-635	
i aii		WET (CFM)	174-222-285	222-285-349	317-396-476	381-476-572	
	External Static Pressure		0.02-0.06-0.14-0.20				
Sound Pressure Levels (Lo -	- Med — Hi)	dB(A)	23-26-30	23-28-33	30-34-37	30-34-38	
External Finish			Galvanized-steel Sheets				
		W: In.	31-1/8 39 46-7/8				
Dimension		D: In.		27-9/	16		
		H: In.	7-7/8				
Weight		Lbs.	42	50	54	62	
Drain-lift Mechanism (Include	ed)	H: In.	21-11/16				
Field Drainpipe Size O.D.		ln.	1-1/4				
Remote Controller	temote Controller Type		Compatible with multiple controls options including kumo cloud®				
Refrigerant	Туре		R410A				
Refrigerant Pipe	Gas Side O.D.		3/8 1/2				
i temgerant ripe	Liquid Side O.D.			1/4			
Connection Method				Flared/F	lared		

NOTES: Test conditions are based on AHRI 210/240. \*1. Rating conditions (cooling)-Indoor: D.B.  $80^{\circ}$  F (26.7° C), W.B.  $67^{\circ}$  F (19.4° C); Outdoor: D.B.  $95^{\circ}$  F (35° C), W.B.  $75^{\circ}$  F (23.9° C).

\*2. Rating conditions (heating)-Indoor: D.B. 70° F (21.1° C), W.B. 60° F (15.6° C); Outdoor: D.B. 47° F (8.3° C), W.B. 43° F (6.1° C).

\*3. External static pressure is factory set to 0.06" W.G. Adjustable via remote controller.

\*4. Indoor units receive power from outdoor units through field-supplied interconnected wiring.

Specifications are subject to change without notice.

LIMITED WARRANTY I Five years parts and seven years compressor.

# MULTI-ZONE | PEAD | HEAT PUMP

(FOR MXZ-C OUTDOOR UNITS)



Model Name	Indoor Unit		PEAD-A09AA7	PEAD-A12AA7	PEAD-A15AA7	PEAD-A18AA7	PEAD-A24AA7	PEAD-A30AA7	PEAD-A36AA7
Cooling *1	Rated Capacity	Btu/h	9,000	12,000	15,000	18,000	24,000	27,000	33,000
Heating at 47° F *2	Rated Capacity	Btu/h	12,000	15,000	18,000	21,600	25,000	30,000	33,500
Power Supply *4	Phase, Cycle, Voltage				1-P	hase, 60Hz, 208/2	30V		
	Indoor-Outdoor S1 – S2					AC 208-230V			
Voltage	Indoor-Outdoor S2-S3					DC ±24V			
	MCA	А	1.4	45	1.	69	2.63	2.73	3.3
	Blower Motor (ECM)	F.L.A.	1.	16	1.	35	2.1	2.18	2.64
Fan	Airflow at Cooling/Heating	DRY (CFM)	282-318-353	353-424-494	424-5	12-600	512-636-742	618-742-883	847-1,024- 1,201
Fall	(Lo — Med — Hi)	WET (CFM)	254-286-318	318-382-445	382-4	61-540	461-572-667	556-668-795	762-922-1,081
External Static Pressure In. W.G.		0.02-0.06-0.14-0.20							
Sound Pressure Leve	els (Lo — Med — Hi)	dB(A)	24-26-28	28-30-34		30-33-37 30-34-39 3		33-38-42	
External Finish			Galvanized						
		W: In.	35-7/16 43-5/16 55-1/8						
Dimension		D: In.	28-7/8						
		H: In.	9-7/8						
Weight		Lbs.	5	8	6	2	6	9	86
Drain-lift Mechanism	(Included)	H: In.	27-9/16						
Field Drainpipe Size	O.D.	ln.	1-1/4						
Remote Controller	Туре		Compatible with multiple controls options including kumo cloud <sup>®</sup>			oud®			
Refrigerant	Туре		R410A						
Refrigerant Pipe	Gas Side O.D.	In.	3/8 1/2 5/8						
Tienigerant ripe	Liquid Side O.D.	111.		1.	/4		3/8		
Connection Method		Flared/Flared							

- NOTES: Test conditions are based on AHRI 210/240.
  \*1. Rating conditions (cooling)-Indoor: D.B. 80° F (26.7° C), W.B. 67° F (19.4° C); Outdoor: D.B. 95° F (35° C), W.B. 75° F (23.9° C).
- \*2. Rating conditions (heating)-Indoor: D.B. 70° F (21.1° C), W.B. 60° F (15.6° C); Outdoor: D.B. 47° F (8.3° C), W.B. 43° F (6.1° C).
- \*3. External static pressure is factory set to 0.06" W.G. Adjustable via remote controller.
- \*4. Indoor units receive power from outdoor units through field-supplied interconnected wiring. Specifications are subject to change without notice.

LIMITED WARRANTY I Five years parts and seven years compressor.

#### PORT ADAPTERS PART NUMBERS

MAC-A454JP-E	3/8" x 1/2"
MAC-A455JP-E	1/2" x 3/8"
MAC-A456JP-E	1/2" x 5/8"
PAC-SG76RJ-E	3/8" x 5/8"
PAC-SG75RJ-E	3/8" x 5/8"
ADP3458	5/8" x 3/8"
PAC-493PI	1/4" x 3/8"

Port	Gas	Liquid						
MXZ-2C20NA2								
A; B	3/8"	1/4"						
	MXZ-3C24NA2							
A	1/2"	1/4"						
B; C	3/8"	1/4"						
	MXZ-3C30NA2							
A	1/2"	1/4"						
B; C	3/8"	1/4"						
	MXZ-4C36NA2							
A	1/2"	1/4"						
B; C; D	3/8"	1/4"						
	MXZ-5C42NA2							
A	1/2"	1/4"						
B; C; D; E	3/8"	1/4"						
	MXZ-2C20NAHZ2							
A; B	3/8"	1/4"						
	MXZ-3C24NAHZ2							
A	1/2"	1/4"						
B; C	3/8"	1/4"						
	MXZ-3C30NAHZ2							
A	1/2"	1/4"						
B; C	3/8"	1/4"						

The following MXZ units must utilize at least one branch box					
MXZ-8C48NA	MXZ-4C36NAHZ				
MXZ-8C60NA	MXZ-5C42NAHZ				
	MXZ-8C48NAHZ				

Branch Boxes						
Port	Gas	Liquid				
	PAC-MKA31BC [3-Port]					
A; B; C	3/8"	1/4"				
PAC-MKA51BC [5-Port]						
A; B; C; D	3/8"	1/4"				
E	1/2"	1/4'				

#### Notes for application:

Check the lineset sizes for your indoor selected models.

Select the branch box or boxes needed for your application.

Compare indoor unit lineset sizes to branch box or outdoor unit port sizes.

\* Connect 15K+ indoor units to the larger 1/2" port on the PAC-MKA51BC branch box or outdoor unit. Adapt lineset size with appropriate port adapter from above list.

#### PORT ADAPTER GUIDE

I OITI ADAI TEIT GOIDE						
Available Indoor Units	Line Set Size					
MSZ Wall-mounted						
MSZ-FH06NA	3/8" gas x 1/4" liquid					
MSZ-FH09NA	3/8" gas x 1/4" liquid					
MSZ-FH12NA	3/8" gas x 1/4" liquid					
MSZ-FH15NA	1/2" gas x 1/4" liquid					
MSZ-FH18NA2	1/2" gas x 1/4" liquid					
MSZ-GL06NA	3/8" gas x 1/4" liquid					
MSZ-GL09NA	3/8" gas x 1/4" liquid					
MSZ-GL12NA	3/8" gas x 1/4" liquid					
MSZ-GL15NA	1/2" gas x 1/4" liquid					
MSZ-GL18NA	1/2" gas x 1/4" liquid					
MSZ-GL24NA	5/8" gas x 3/8" liquid					
MSZ-EF09NAW(S)(B)	3/8" gas x 1/4" liquid					
MSZ-EF12NAW(S)(B)	3/8" gas x 1/4" liquid					
MSZ-EF15NAW(S)(B)	1/2" gas x 1/4" liquid					
MSZ-EF18NAW(S)(B)	1/2" gas x 1/4" liquid					
MSZ-HM09NA	3/8" gas x 1/4" liquid					
MSZ-HM12NA	3/8" gas x 1/4" liquid					
MSZ-HM15NA	3/8" gas x 1/4" liquid					
MSZ-HM18NA	1/2" gas x 1/4" liquid					
MSZ-HM24NA	5/8" gas x 3/8" liquid					
MSZ-JP09WA	3/8" gas x 1/4" liquid					
MSZ-JP12WA	3/8" gas x 1/4" liquid					
MSZ-WR09NA	3/8" gas x 1/4" liquid					
MSZ-WR12NA	3/8" gas x 1/4" liquid					
MSZ-WR18NA	1/2" gas x 1/4" liquid					
MSZ-WR24NA	5/8" gas x 3/8" liquid					
MFZ Floor-	-standing					
MFZ-KJ09NA	3/8" gas x 1/4" liquid					
MFZ-KJ12NA	3/8" gas x 1/4" liquid					
MFZ-KJ15NA	1/2" gas x 1/4" liquid					
MFZ-KJ18NA	1/2" gas x 1/4" liquid					
SVZ Multi-	-position					
SVZ-KP12NA	3/8" gas x 1/4" liquid					
SVZ-KP18NA	1/2" gas x 1/4" liquid					
SVZ-KP24NA	5/8" gas x 3/8" liquid					
SVZ-KP30NA	5/8" gas x 3/8" liquid					
SVZ-KP36NA	5/8" gas x 3/8" liquid					
SLZ Ceiling	l-cassette					
SLZ-KF09NA	3/8" gas x 1/4" liquid					
SLZ-KF12NA	3/8" gas x 1/4" liquid					
SLZ-KF15NA	1/2" gas x 1/4" liquid					
SLZ-KF18NA	1/2" gas x 1/4" liquid					
MLZ One-way C						
MLZ-KP09NA	3/8" gas x 1/4" liquid					
MLZ-KP12NA	3/8" gas x 1/4" liquid					
MLZ-KP18NA	1/2" gas x 1/4" liquid					
SEZ Horizon						
SEZ-KD09NA4						
SEZ-KD12NA4	3/8" gas x 1/4" liquid 3/8" gas x 1/4" liquid					
SEZ-KD15NA4	1/2" gas x 1/4" liquid					
SEZ-KD18NA4	1/2" gas x 1/4" liquid					
PEAD Horizon						
PEAD-A09AA7						
	3/8" gas x 1/4" liquid					
PEAD A15AA7	3/8" gas x 1/4" liquid					
PEAD A19AA7	1/2" gas x 1/4" liquid					
PEAD-A18AA7	1/2" gas x 1/4" liquid					
PEAD-A20AA7	5/8" gas x 3/8" liquid					
PEAD-A30AA7	5/8" gas x 3/8" liquid					
PEAD-A36AA7	5/8" gas x 3/8" liquid					

Port adapter (MAC-A4555JP-E) is needed for PEAD-A12AA7 connection with SUZ-KA12NA2

### ADDITIONAL M-SERIES INFORMATION

#### M-SERIES OPERATING CONDITIONS

		Indoor Intake Air	Tomperature
		Models	Conditions
		SUZ-KA-NA2 MXZ-2C20NA2 MXZ-3C24/3C30/4C36/5C42NA2 MXZ-2C20/3C24/3C30NAHZ2	95° F D.B., 71° F W.
	Maximum	MUZ-FH MUZ/Y-GL MUZ-Y-D MUZ-HM MUZ-HM MUFZ MXZ-8C48NA/8C60NA MXZ-4C36/54C42/8C48NAHZ	90° F D.B., 73° F W.
Cooling	Minimum	MUZ-FH MUZ/Y-GL MUZ-Y-D MUZ-HM MUZ-JP MUZ-WR MUFZ SUZ-KA-NA2 MXZ-2C20NA2 MXZ-3C24/3C30/4C36/5C42NA2 MXZ-3C24/3C30/4C36/5C42NA2 MXZ-3C30/3C3/3C30/AC36/5C42NA2 MXZ-3C30/3C3/3C30NAHZ2 MXZ-4C36/54C42/8C48NAHZ	67° F D.B., 57° F W.
Heating	Maximum	MUZ-FH MUZ-GL MUZ-JD MUZ-JP MUZ-JP MUZ-WR MUFZ SUZ-KA-NA2 MXZ-2C20NA2 MXZ-3C24/3C30/4C36/5C42NA2 MXZ-3C24/3C30/4C36/5C42NA2 MXZ-3C24/3C30/4C36/5C42NA2 MXZ-3C24/3C30/AC36/5C42NA2 MXZ-3C24/3C30NAHZ2 MXZ-4C36/54C42/8C48NAHZ	80° F D.B., 67° F W.
Heating	Minimum	MUZ-FH MUZ-GL MUZ-D MUZ-HM MUZ-JP MUZ-WR MUFZ SUZ-KA-NA2 MXZ-2C20NA2 MXZ-3C24/3C30/4C36/5C42NA2 MXZ-3C20/3C24/3C30NAHZ2 MXZ-2C20/3C24/3C30NAHZ2 MXZ-2C20/3C24/3C30NAHZ2	70° F D.B., 67° F W.

		Outdoor Intake Air 1	Temperature
		Models	Conditions
	Maximum	MUZ-FH MUZ/Y-GL MUZ/Y-D MUZ-JD MUZ-JP MUZ-WR MUFZ SUZ-KA-NA2 MXZ-2C20NA2 MXZ-3C24/3C30/4C36/5C42NA2 MXZ-8C48NA/8C60NA MXZ-2C20/3C24/3C30NAHZ2 MXZ-4C26/5/4C42/8C48NAHZ	115° F D.B.
Cooling	Minimum	MUZ-FH MUZ/Y-GL MUZ/Y-D MUZ-HM MUZ-JP MUFZ SUZ-KA-NA2 MXZ-2C20NA2 MXZ-3C24/3C30/4C36/5C42NA MXZ-2C20/3C24/3C30NAHZ MXZ-8C48NA/8C60NA MXZ-4C36/54C42/8C48NAHZ	14° F D.B.
		MUZ-WR	32° F D.B.
	Maximum	MUZ-FH MUZ-GL MUZ-D MUZ-HM MUZ-JP MUZ-WR MUFZ SUZ-KA-NA2 MXZ-2C20NA2 MXZ-3C24/3C30/4C36/5C42NA2 MXZ-8C48NA/3C60NA	75° F D.B., 65° F W.B
		MXZ-2C20/3C24/3C30NAHZ2 MXZ-4C36/54C42/8C48NAHZ	70° F D.B., 59° F W.B
Heating		MUZ-GL MUZ-HM MUZ-JP	-4° F D.B., -5° F W.B.
		MUZ-WR	5° F D.B., 4° F W.B.
		MUFZ	-13° F D.B, -14° F W.B.
		MUZ-FH	-13° F D.B., -14° F W.B.
		MUZ-D	14° F D.B., 13° F W.B.
	Minimum	SUZ-KA-NA2	-4° F D.B., -5° F W.B. (09/12/15/18) 14° F D.B., 12° F W.B. (24/30/36)
		MXZ-2C20/3C24/3C30NAHZ2	-12° F D.B., -13° F W.B.
		MXZ-4C36/54C42/8C48NAHZ	-13° F W.B.
		MXZ-8C48NA/8C60NA	-4° F W.B.
		MXZ-2C20NA2	6° F D.B., 5° F W.B.
		MXZ-3C24/3C30/4C36/5C42NA2	0. L D'G'' '2. L M'D''

#### REFRIGERANT LINE LENGTH FLARE/FLARE

Indoor Unit	Outdoor Unit	Length in Feet	Vertical Separation in Feet
MSZ-FH06NA	MUZ-FH06NA(H)	65	40
MSZ-FH09NA	MUZ-FH09NA(H)	65	40
MSZ-FH12NA	MUZ-FH12NA(H)	65	40
MSZ-FH15NA	MUZ-FH15NA(H)	100	50
MSZ-FH18NA	MUZ-FH18NA(H)2	100	50
MSY-GL09NA	MUY-GL09NA	65	40
MSY-GL12NA	MUY-GL12NA	65	40
MSY-GL15NA	MUY-GL15NA	65	40
MSY-GL18NA	MUY-GL18NA	100	50
MSY-GL24NA	MUY-GL24NA	100	50
MSZ-GL09NA	MUZ-GL09NA	65	40
MSZ-GL12NA	MUZ-GL12NA	65	40
MSZ-GL15NA	MUZ-GL15NA	65	40
MSZ-GL18NA	MUZ-GL18NA	100	50
MSZ-GL24NA	MUZ-GL24NA	100	50
MSY-D30NA	MUY-D30NA	100	50
MSY-D36NA	MUY-D36NA	100	50
MSZ-D30NA	MUZ-D30NA	100	50
MSZ-D36NA	MUZ-D36NA	100	50
MSZ-HM09NA	MUZ-HM09NA	65	40
MSZ-HM12NA	MUZ-HM12NA	65	40
MSZ-HM15NA	MUZ-HM15NA	65	40
MSZ-HM18NA	MUZ-HM18NA	65	40
MSZ-HM24NA	MUZ-HM24NA	100	50
MSZ-JP09WA	MUZ-JP09WA	65	40
MSZ-JP12WA	MUZ-JP12WA	65	40
MSZ-WR09NA	MUZ-WR09NA	65	40
MSZ-WR12NA	MUZ-WR12NA	65	40
MSZ-WR18NA	MUZ-WR18NA	65	40
MSZ-WR24NA	MUZ-WR24NA	100	50
MFZ-KJ09NA	MUFZ-KJ09NAHZ	65	40
MFZ-KJ12NA	MUFZ-KJ12NAHZ	65	40
MFZ-KJ15NA	MUFZ-KJ15NAHZ	100	50
MFZ-KJ18NA	MUFZ-KJ18NAHZ	100	50
MLZ-KP09NA; SLZ-KF09NA; SEZ-KD09NA4; PEAD-A09AA7	SUZ-KA09NA2	65	40
MLZ-KP12NA; SVZ-KP12NA; SEZ-KD12NA4; SLZ-KF12NA; PEAD-A12AA7	SUZ-KA12NA2	65	40
MLZ-KP15NA; SLZ-KF15NA; SEZ-KD15NA4; PEAD-A15AA7	SUZ-KA15NA2	65	40
SVZ-KP18NA; SLZ-KF18NA; SEZ-KD18NA4; PEAD-A18AA7	SUZ-KA18NA2	100	50
SVZ-KP24NA; PEAD-A24AA7	SUZ-KA24NA2	100	100
SVZ-KP30NA; PEAD-A30AA7	SUZ-KA30NA2	100	100
SVZ-KP36NA; PEAD-A36AA7	SUZ-KA36NA2	100	100

Indoor Unit	Outdoor Unit	Length in Feet	Vertical Separation in Feet
MSZ-GL06/09/12/15NA; MFZ; SLZ-KF09/12/15; MLZ-KP09/12; SEZ; PEAD-A09/12/15AA7; SVZ-KP12/5/5/5/5/5/5/5/5/5/5/5/5/5/5/5/5/5/5/5	MXZ-2C20NA2	164	49*/33
MSZ-GL06/09/12/15/18NA; MSZ-FH; MSZ-EF; MFZ; SVZ-KP12/18NA; SLZ-KF09/12/15; MLZ; SEZ; PEAD-A09/12/15/18AA7	MXZ-3C24NA2	230	49
MSZ-GL; MSZ-FH; MSZ-EF; MFZ;	MXZ-3C30NA2	230	49
SVZ-KP12/18/24NA; SLZ-KF09/12/15; MLZ; SEZ;PEAD-A09/12/15/18/24AA7	MXZ-4C36NA2	230	49
MSZ-GL; MSZ-FH; MSZ-EF; MFZ; SVZ-KP12/18/24NA; SLZ- KF09/12/15; MLZ; SEZ; PEAD- A09/12/15/18/24AA7	MXZ-5C42NA2	262	49
MSZ-GL; MSZ-FH; MSZ-EF; MFZ; SVZ; SLZ-KF09/12/15; MLZ; SEZ; PEAD- A12/18/24/36AA7	MXZ-8C48NA/8C60NA	492	131*/164
MSZ-GL06/09/12/15NA; MSZ- FH06/09/12/15NA; MSZ-EF; MFZ; SVZ-KP12NA; SLZ; MLZ-KP09/12; SEZ; PEAD-A09/12/15AA7	MXZ-2C20NAHZ2	164	49
MSZ-GL06/09/12/15/18NA; MSZ-FH; MSZ-EF; MFZ; SVZ-KP12/18NA; SLZ-KF09/12/15; MLZ; SEZ; PEAD-A09/12/15/18AA7	MXZ-3C24NAHZ2	230	49
MSZ-GL; MSZ-FH; MSZ-EF; MFZ; SVZ-KP12/18/24NA; SLZ-KF09/12/15; MLZ; SEZ; PEAD-A09/12/15/18/24AA7	MXZ-3C30NAHZ2	230	49
MSZ-GL: MSZ-FH: MSZ-EF: MFZ: SVZ:	MXZ-4C36NAHZ	492	131*/164
SLZ-KF09/12/15; MLZ; SEZ; PFAD-A12/18/24/36AA7	MXZ-5C42NAHZ	492	131*/164
MEAU-A12/18/24/30AA/	MXZ-8C48NAHZ	492	131*/164

#### Notes

### ADDITIONAL M-SERIES INFORMATION

#### M-SERIES AIR OUTLET COVERAGE RANGE\*

Model	Mode	Function	Airflow (CFM)	Coverage (FT)	
MSZ-FH06NA	HEAT	DRY	437	29.8	
MSZ-FH09NA	COOL	WET	328	22.5	
	HEAT	DRY	454	31.0	
MSZ-FH12NA	COOL	WET	342	23.5	
MSZ-FH15NA	HEAT	DRY	497	33.8	
M97-LUISINW	COOL	WET	354	24.1	
MSZ-FH18NA2	HEAT	DRY	514	34.9	
WI3Z-FITTOWAZ	COOL	WET	395	27.0	
MSZ-GL06NA MSZ/Y-GL09NA	HEAT	DRY	406	29.5	
MSZ/Y-GL12NA	COOL	WET	286	21.0	
	HEAT	DRY	463	33.5	
MSZ/Y-GL15NA	COOL	WET	385	28.0	
	HEAT	DRY	646	44.0	
MSZ/Y-GL18NA	COOL	WET	581	39.7	
	HEAT	DRY	738	36.9	
MSZ/Y-GL24NA	COOL	WET	661	33.2	
MSZ/Y-D30NA MSZ/Y-D36NA	HEAT	DRY	848	45.0	
	COOL	WET	763	40.7	
MFZ-KJ09NA	HEAT	DRY	417	29.6	
MFZ-KJ12NA	COOL	WET	354	25.3	
MFZ-K.I15NA	HEAT	DRY	470	33.3	
MITZ-NJ I DINA	COOL	WET	366	26.2	
MF7-K.I18NA	HEAT	DRY	470	33.3	
MFZ-KJ I 8NA	COOL	WET	417	29.7	
OLZ VECONA	HEAT	DRY	300	15.1	
SLZ-KF09NA	COOL	WET	270	13.7	
01.7 1/54.0014	HEAT	DRY	336	16.9	
SLZ-KF12NA	COOL	WET	302	15.2	
017 151511	HEAT	DRY	405	20.3	
SLZ-KF15NA	COOL	WET	365	18.3	
017.1510114	HEAT	DRY	475	23.7	
SLZ-KF18NA	COOL	WET	429	21.4	
	HEAT	DRY	420	29.2	
MSZ-EF09NAW(B)(S)	COOL	WET	319	22.3	
MOZ FE40MANUEVO	HEAT	DRY	448	31.1	
MSZ-EF12NAW(B)(S)	COOL	WET	319	22.3	
1107 FE4 FM M/D/O	HEAT	DRY	448	31.1	
MSZ-EF15NAW(B)(S)	COOL	WET	313	21.9	
	HEAT	DRY	466	32.3	
MSZ-EF18NAW(B)(S)	COOL	WET	334	23.4	

Model	Mode	Function	Airflow (CFM)	Coverage (FT)	
MSZ-HM09NA	HEAT	DRY	406	29.5	
MSZ-HM12NA	COOL	WET	286	21.0	
	HEAT	DRY	463	33.5	
MSZ-HM15NA	COOL	WET	385	28.0	
MSZ-HM18NA	HEAT	DRY	625	42.6	
M27-HM19NV	COOL	WET	562	38.4	
MOZ UMO ANA	HEAT	DRY	702	47.7	
MSZ-HM24NA	COOL	WET	632	43.1	
MSZIP09WA	HEAT	DRY	406	29.5	
WISZ-JPU9WA	COOL	WET	364	26.5	
MSZ-JP12WA	HEAT	DRY	406	29.5	
	COOL	WET	364	26.5	
	HEAT	DRY	406	29.5	
MSZ-WR09NA	COOL	WET	286	21.0	
MC7 M/D40MA	HEAT	DRY	406	29.5	
MSZ-WR12NA	COOL	WET	286	21.0	
MSZ-WR18NA	HEAT	DRY	625	42.6	
WSZ-WK18NA	COOL	WET	562	38.4	
MCZ IMDO ANA	HEAT	DRY	702	47.7	
MSZ-WR24NA	COOL	WET	632	43.1	
MLZ KDOONA	HEAT	DRY	311	20.7	
MLZ-KP09NA	COOL	WET	325	21.7	
MI 7 I/D40NA	HEAT	DRY	332	22.1	
MLZ-KP12NA	COOL	WET	350	23.3	
MI 7 I/D40NA	HEAT	DRY	403	26.7	
MLZ-KP18NA	COOL	WET	417	27.6	

 $<sup>^{\</sup>star}\,$  Branch Box should be placed within the level between the outdoor unit and indoor units.

#### M-SERIES COOLING CAPACITY CORRECTION FACTOR

Model	Refrigerant Piping Lenght (One-way)								
	25 Ft. (Std)	40 Ft.	65 Ft.	100 Ft.					
MUZ-FH06NA(H)									
MUZ-FH09NA(H)	Capacity x 1.0	Capacity x 0.988	Capacity x 0.967	-					
MUZ-FH12NA(H)									
MUZ-FH15NA(H)	0	0	0	0					
MUZ-FH18NA(H)2	Capacity x 1.0	Capacity x 0.985	Capacity x 0.963	Capacity x 0.933					
MUZ/Y-GL09NA									
MUZ/Y-GL12NA	Capacity x 1.0	Capacity x 0.988	Capacity x 0.968	-					
MUZ/Y-GL15NA									
MUZ/Y-GL18NA		Capacity x 0.985	Capacity x 0.963	Capacity x 0.933					
MUZ/Y-GL24NA	Capacity x 1.0	Capacity x 0.983	Capacity x 0.956	Capacity x 0.921					
MUZ/Y-D30NA-1	Capacity x 1.0	Capacity x 0.976	Capacity x 0.937	Capacity x 0.887					
MUZ/Y-D36NA-1		Capacity x 0.974	Capacity x 0.932	Capacity x 0.878					
MUZ-HM09NA									
MUZ-HM12NA	Capacity x 1.0	Capacity x 0.988	Capacity x 0.967	-					
MUZ-HM15NA									
MUZ-HM18NA	Capacity x 1.0	Capacity x 0.985	Capacity x 0.963	Capacity x 0.933					
MUZ-HM24NA	Capacity x 1.0	Capacity x 0.983	Capacity x 0.956	Capacity x 0.921					
MUZ-JP09WA									
MUZ-JP12WA	Capacity x 1.0	Capacity x 0.988	0						
MUZ-WR09NA	Сарасцу х т.о		Capacity x 0.967	-					
MUZ-WR12NA									
MUZ-WR18NA	Capacity x 1.0	Capacity x 0.985	Capacity x 0.963	Capacity x 0.933					
MUZ-WR24NA	Capacity x 1.0	Capacity x 0.983	Capacity x 0.956	Capacity x 0.921					
MUFZ-KJ09NAHZ	Conneity v 1 0	Conneitu y 0 000	Canacity v 0 007	-					
MUFZ-KJ12NAHZ	Capacity x 1.0	Capacity x 0.988	Capacity x 0.967	-					
MUFZ-KJ15NAHZ	Capacity x 1.0	Capacity x 0.985	Capacity x 0.963	Capacity x 0.933					
MUFZ-KJ18NAHZ	Сарасцу х т.о	Сарасцу х 0.965	Сарасну х 0.963	сарасну х о.эээ					
SUZ-KA09NA2									
SUZ-KA12NA2	Capacity x 1.0	Capacity x 0.988	Capacity x 0.967	-					
SUZ-KA15NA2									
SUZ-KA18NA2	Capacity x 1.0	Capacity x 0.985	Capacity x 0.963	Canacity v 0 000					
SUZ-KA24NA2	оарабцу х т.0	οαραυιιγ χ υ.900	оараску х 0.903	Capacity x 0.933					
SUZ-KA30NA2	Capacity x 1.0	Capacity x 0.983	Capacity x 0.956	Capacity x 0.921					
SUZ-KA36NA2	-upuony A 1.0	Supuoity A 0.000	_apaon, A 0.000	-upuon, A 0.021					

#### Notes:

#### MULTI-ZONE EFFICIENCY RATINGS

Model	Configuration	SEER	EER	HSPF	
	Ducted	16	10	9.3	
MXZ-2C20NA2	Mixed	18	11.35	9.65	
	Non-Ducted	20	12.7	10	
	Ducted	16	11.2	9.2	
MXZ-3C24NA2	Mixed	18	12.4	9.5	
	Non-Ducted	20	13.6	9.8	
	Ducted	16.2	9.6	9.6	
MXZ-3C30NA2	Mixed	17.6	10.1	10.1	
	Non-Ducted	19	10.6	10.6	
	Ducted	16	8.7	9.8	
MXZ-4C36NA2	Mixed	17.6	9.05	10.4	
	Non-Ducted	19.2	9.4	11	
	Ducted	15.2	9	9.1	
MXZ-5C42NA2	Mixed	17.45	9.1	9.7	
	Non-Ducted	19.7	9.2	10.3	
	Ducted	14.7	9.5	10.1	
MXZ-8C48NA	Mixed	16.8	10.75	10.75	
	Non-Ducted	18.9	12	11.4	
	Ducted	15.1	9.6	10	
MXZ-8C60NA	Mixed	16.25	11.05	10.25	
	Non-Ducted	17.4	12.5	10.5	
	Ducted	15	11	9.5	
MXZ-2C20NAHZ2	Mixed	16	12.25	9.65	
	Non-Ducted	17	13.5	9.8	
	Ducted	15.5	10	9	
MXZ-3C24NAHZ2	Mixed	17.25	11.75	9.5	
	Non-Ducted	19	13.5	10	
	Ducted	16	10.3	9.8	
MXZ-3C30NAHZ2	Mixed	17	11.4	10.4	
	Non-Ducted	18	12.5	11	
	Ducted	15.8	11.3	10.1	
MXZ-4C36NAHZ	Mixed	17.45	12.65	10.7	
	Non-Ducted	19.1	14	11.3	
	Ducted	15	10.8	10.1	
MXZ-5C42NAHZ	Mixed	17	12.1	10.55	
	Non-Ducted	19	13.4	11	
	Ducted	14.7	9.5	10	
MXZ-8C48NAHZ	Mixed	16.8	10.75	10.5	
	Non-Ducted	18.9	12	11	

### ADDITIONAL M-SERIES INFORMATION

#### HEATING CAPACITY

Outdoor Tempe	rature Degrees (° F)	50	41.0	32.0	23.0	14.0	5.0	-4	-13
MS7-FH06NA/MH7-FH06NA	Heating Capacity (Btu/h)	8,700	8,700	8,700	8,700	8,700	8,700	7,650	6,430
MSZ-FH06NA/MUZ-FH06NA	Percentage of Rated Capacity	100%	100%	100%	100%	100%	100%	88%	74%
MSZ-FH09NA/MUZ-FH09NA	Heating Capacity (Btu/h)	10,900	10,900	10,900	10,900	10,900	10,900	9,260	7,630
M97-LUORINA/M07-LUORINA	Percentage of Rated Capacity	100%	100%	100%	100%	100%	100%	85%	70%
MSZ-FH12NA/MUZ-FH12NA	Heating Capacity (Btu/h)	13,600	13,600	13,600	13,600	13,600	13,600	11,690	9,920
MISZ-FILLSINAVINIOZ-FILLSINA	Percentage of Rated Capacity	100%	100%	100%	100%	100%	100%	86%	73%
MSZ-FH15NA/MUZ-FH15NA	Heating Capacity (Btu/h)	18,000	18,000	18,000	18,000	18,000	18,000	16,200	14,580
M97-LU12MA/M07-LU12MA	Percentage of Rated Capacity	100%	100%	100%	100%	100%	100%	90%	81%
MSZ-FH18NA2/MUZ-FH18NA2	Heating Capacity (Btu/h)	20,300	20,300	20,300	20,300	20,300	20,300	17,250	14,210
INIOZ-FFITOINAZ/INIOZ-FFITOINAZ	Percentage of Rated Capacity	100%	100%	100%	100%	100%	100%	85%	70%
MC7 FLIOCNA/MU7 FLIOCNALI	Heating Capacity (Btu/h)	8,700	8,700	8,700	8,700	8,700	8,700	7,650	6,430
MSZ-FH06NA/MUZ-FH06NAH	Percentage of Rated Capacity	100%	100%	100%	100%	100%	100%	88%	74%
MOZ ELIOONA MALIZ ELIOONALI	Heating Capacity (Btu/h)	10,900	10,900	10,900	10,900	10,900	10,900	9,370	7,950
MSZ-FH09NA/MUZ-FH09NAH	Percentage of Rated Capacity	100%	100%	100%	100%	100%	100%	86%	73%
1107 514 014 114 117 514 014	Heating Capacity (Btu/h)	13,600	13,600	13,600	13,600	13,600	13,600	11,690	9,920
MSZ-FH12NA/MUZ-FH12NAH	Percentage of Rated Capacity	100%	100%	100%	100%	100%	100%	86%	73%
	Heating Capacity (Btu/h)	18,000	18,000	18,000	18,000	18,000	18,000	16,200	14,580
MSZ-FH15NA/MUZ-FH15NAH	Percentage of Rated Capacity	100%	100%	100%	100%	100%	100%	90%	81%
	Heating Capacity (Btu/h)	20,300	20,300	20,300	20,300	20,300	20,300	17,250	14,210
MSZ-FH18NA2/MUZ-FH18NAH2	Percentage of Rated Capacity	100%	100%	100%	100%	100%	100%	85%	70%
	Heating Capacity (Btu/h)	10,900	10,900	10,900	10,460	9,480	8,170	6,860	-
MSZ-GL09NA/MUZ-GL09NA	Percentage of Rated Capacity	100%	100%	100%	96%	87%	75%	63%	0%
	Heating Capacity (Btu/h)	14,400	14,400	14,110	12,960	11,660	9,790	7,920	-
MSZ-GL12NA/MUZ-GL12NA	Percentage of Rated Capacity	100%	100%	98%	90%	81%	68%	55%	0%
	Heating Capacity (Btu/h)	18,000	17,100	16,920	16,920	16,200	13,680	11,160	-
MSZ-GL15NA/MUZ-GL15NA	Percentage of Rated Capacity	100%	95%	94%	94%	90%	76%	62%	0%
	Heating Capacity (Btu/h)	21,600	21,600	21,600	19,440	17,060	14,900	12,520	-
MSZ-GL18NA/MUZ-GL18NA	Percentage of Rated Capacity	100%	100%	100%	90%	79%	69%	58%	0%
	Heating Capacity (Btu/h)	27,600	27,600	27,600	26,220	23,460	19,320	15,450	-
MSZ-GL24NA/MUZ-GL24NA	Percentage of Rated Capacity	100%	100%	100%	95%	85%	70%	56%	0%
	Heating Capacity (Btu/h)	10,900	10,570	9,480	8,500	7,300	5,990	4,680	-
MSZ-HM09NA/MUZ-HM09NA	Percentage of Rated Capacity	100%	97%	87%	78%	67%	55%	43%	0%
	Heating Capacity (Btu/h)	12,200	12,200	11,220	10,120	9,020	7,440	5,850	-
MSZ-HM12NA/MUZ-HM12NA	Percentage of Rated Capacity	100%	100%	92%	83%	74%	61%	48%	0%
	Heating Capacity (Btu/h)	18,000	15,300	14,940	14,400	13,680	12,240	10,620	0 70
MSZ-HM15NA/MUZ-HM15NA	Percentage of Rated Capacity	100%	85%	83%	80%	76%	68%	59%	0%
		18,000	18,000	18,000	16,560	14,580	12,780	10,980	- 076
MSZ-HM18NA/MUZ-HM18NA	Heating Capacity (Btu/h)			-		81%			
	Percentage of Rated Capacity	100%	100%	100%	92%		71%	61%	0%
MSZ-HM24NA/MUZ-HM24NA	Heating Capacity (Btu/h)	26,000	24,440	22,360	20,020	17,680	15,600	13,260	
	Percentage of Rated Capacity	100%	94%	86%	77%	68%	60%	51%	0%
MSZ-D30NA/MUZ-D30NA	Heating Capacity (Btu/h)	32,600	28,030	25,420	22,820	19,880	-	-	-
	Percentage of Rated Capacity	100%	86%	78%	70%	61%	0%	0%	0%
MSZ-D36NA/MUZ-D36NA	Heating Capacity (Btu/h)	35,200	29,560	27,450	25,340	22,880	-	-	-
	Percentage of Rated Capacity	100%	84%	78%	72%	65%	0%	0%	0%
MSZ-JP09NA/MUZ-JP09NA	Heating Capacity (Btu/h)	10,900	10,570	9,480	8,500	7,300	5,990	4,680	-
	Percentage of Rated Capacity	100%	97%	87%	78%	67%	55%	43%	0%
MSZ-JP12NA/MUZ-JP12NA	Heating Capacity (Btu/h)	12,200	12,200	11,220	10,120	9,020	7,440	5,850	-
	Percentage of Rated Capacity	100%	100%	92%	83%	74%	61%	48%	0%
MSZ-WR09NA/MUZ-WR09NA	Heating Capacity (Btu/h)	10,900	10,570	9,480	8,500	7,300	5,990	-	-
	Percentage of Rated Capacity	100%	97%	87%	78%	67%	55%	0%	0%
MSZ-WR12NA/MUZ-WR12NA	Heating Capacity (Btu/h)	12,200	12,200	11,220	10,120	9,020	7,440	-	-
	Percentage of Rated Capacity	100%	100%	92%	83%	74%	61%	0%	0%
MSZ-WR18NA/MUZ-WR18NA	Heating Capacity (Btu/h)	18,000	18,000	18,000	16,560	14,580	12,780	-	-
	Percentage of Rated Capacity	100%	100%	100%	92%	81%	71%	0%	0%
MSZ-WR24NA/MUZ-WR24NA	Heating Capacity (Btu/h)	26,000	24,440	22,360	20,020	17,680	15,600	-	-
	Percentage of Rated Capacity	100%	94%	86%	77%	68%	60%	0%	0%
MFZ-KJ09NA/MUFZ-KJ09NAHZ	Heating Capacity (Btu/h)	11,000	11,000	11,000	11,000	11,000	11,000	9,130	7,260
E NOOSHEVHOI E-NOOSIVANE	Percentage of Rated Capacity	100%	100%	100%	100%	100%	100%	83%	66%
MEZ-K HONA/MHEZ K HONAUZ	Heating Capacity (Btu/h)	13,000	13,000	13,000	13,000	13,000	13,000	10,790	8,450
MFZ-KJ12NA/MUFZ-KJ12NAHZ	Percentage of Rated Capacity	100%	100%	100%	100%	100%	100%	83%	65%
MET I/ HENA/MHET I/ HENAUT	Heating Capacity (Btu/h)	18,000	18,000	18,000	18,000	18,000	18,000	14,940	13,860
MFZ-KJ15NA/MUFZ-KJ15NAHZ	Percentage of Rated Capacity	100%	100%	100%	100%	100%	100%	83%	77%
	Heating Capacity (Btu/h)	21,000	21,000	21,000	21,000	21,000	21,000	18,480	15,960
MFZ-KJ18NA/MUFZ-KJ18NAHZ									

<sup>\*</sup>Air coverage represents the distance with one ft/sec air speed when blowing out horizontally from the unit operating at the High fan speed. This is only a general guideline; actual coverage depends on size and layout of the room.

#### **HEATING CAPACITY**

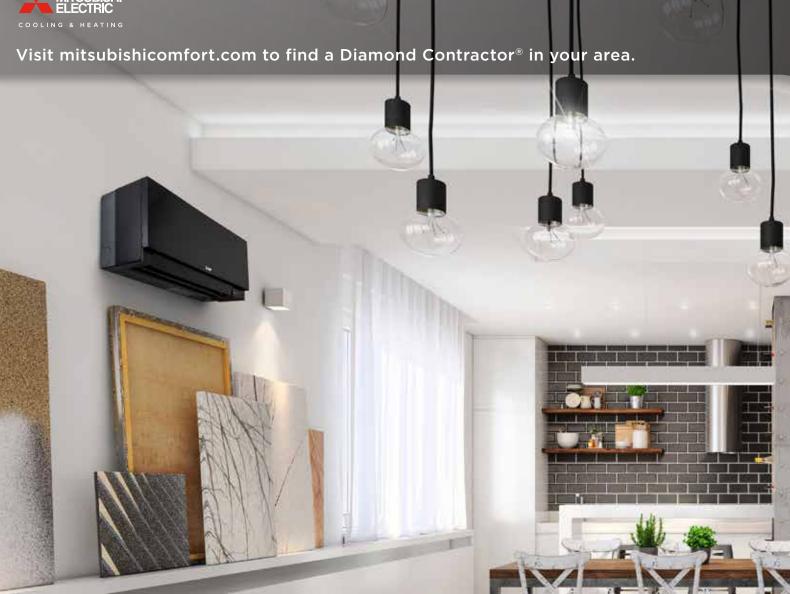
Outdoor Tempera	ature Degrees (° F)	50	41.0	32.0	23.0	14.0	5.0	-4	-13
MI 7 I/DOOMA/OUT I/AOOMAO	Heating Capacity (Btu/h)	12,000	10,620	9,230	7,840	6,450	5,090	3,770	-
MLZ-KP09NA/SUZ-KA09NA2	Percentage of Rated Capacity	100%	89%	77%	65%	54%	42%	31%	0%
MLZ-KP12NA/SUZ-KA12NA2	Heating Capacity (Btu/h)	15,400	13,630	11,850	10,060	8,280	6,540	4,840	-
MLZ-KP12NA/SUZ-KA12NAZ	Percentage of Rated Capacity	100%	89%	77%	65%	54%	42%	31%	0%
MI 7 KO40NAKOLIZ KA40NAO	Heating Capacity (Btu/h)	20,000	17,700	15,390	13,060	10,760	8,490	6,290	-
MLZ-KP18NA/SUZ-KA18NA2	Percentage of Rated Capacity	100%	89%	77%	65%	54%	42%	31%	0%
OL 7 KEOONA (CUT KAOONAO	Heating Capacity (Btu/h)	11,000	9,730	8,460	7,180	5,920	4,670	3,460	-
SLZ-KF09NA/SUZ-KA09NA2	Percentage of Rated Capacity	100%	89%	77%	65%	54%	42%	31%	0%
017 15101111017 11110110	Heating Capacity (Btu/h)	13,000	11,510	10,000	8,490	6,990	5,520	4,080	-
SLZ-KF12NA/SUZ-KA12NA2	Percentage of Rated Capacity	100%	89%	77%	65%	54%	42%	31%	0%
017 1515111 1017 1115	Heating Capacity (Btu/h)	18,000	15,930	13,850	11,760	9,680	7,640	5,660	-
SLZ-KF15NA/SUZ-KA15NA2	Percentage of Rated Capacity	100%	89%	77%	65%	54%	42%	31%	0%
017 15101117017 14151110	Heating Capacity (Btu/h)	19,700	17,440	15,150	12,870	10,600	8,370	6,190	-
SLZ-KF18NA/SUZ-KA15NA2	Percentage of Rated Capacity	100%	89%	77%	65%	54%	42%	31%	0%
057 VD00V4 V0V7 V400V40	Heating Capacity (Btu/h)	12,000	10,620	9,230	7,840	6,450	5,090	3,770	-
SEZ-KD09NA4/SUZ-KA09NA2	Percentage of Rated Capacity	100%	89%	77%	65%	54%	42%	31%	0%
057 1/040114 1/01/7 1/4401140	Heating Capacity (Btu/h)	15,000	13,280	11,540	9,800	8,070	6,370	4,710	-
SEZ-KD12NA4/SUZ-KA12NA2	Percentage of Rated Capacity	100%	89%	77%	65%	54%	42%	31%	0%
057 1/045114 1/01/7 1/4451140	Heating Capacity (Btu/h)	18,000	15,930	13,850	11,760	9,680	7,640	5,660	-
SEZ-KD15NA4/SUZ-KA15NA2	Percentage of Rated Capacity	100%	89%	77%	65%	54%	42%	31%	0%
SEZ-KD18NA4/SUZ-KA18NA2	Heating Capacity (Btu/h)	21,600	19,120	16,620	14,110	11,620	9,170	6,790	-
	Percentage of Rated Capacity	100%	89%	77%	65%	54%	42%	31%	0%
DEAD ASSAULT VASSAULT	Heating Capacity (Btu/h)	12,000	10,620	9,230	7,840	6,450	5,090	3,770	-
PEAD-A09AA7/SUZ-KA09NA2	Percentage of Rated Capacity	100%	89%	77%	65%	54%	42%	31%	0%
DEAD ALGARESCUZ VALONAG	Heating Capacity (Btu/h)	15,000	13,280	11,540	9,800	8,070	6,370	4,710	-
PEAD-A12AA7/SUZ-KA12NA2	Percentage of Rated Capacity	100%	89%	77%	65%	54%	42%	31%	0%
DEAD AAFAAZIOUZ KAAFAIAO	Heating Capacity (Btu/h)	18,000	15,930	13,850	11,760	9,680	7,640	5,660	-
PEAD-A15AA7/SUZ-KA15NA2	Percentage of Rated Capacity	100%	89%	77%	65%	54%	42%	31%	0%
DEAD A40AA7/OUT MA40MA0	Heating Capacity (Btu/h)	21,600	19,120	16,620	14,110	11,620	9,170	6,790	-
PEAD-A18AA7/SUZ-KA18NA2	Percentage of Rated Capacity	100%	89%	77%	65%	54%	42%	31%	0%
DEAD AGAAAT/GUT MAGANAG	Heating Capacity (Btu/h)	25,000	22,130	19,230	16,330	13,450	-	-	-
PEAD-A24AA7/SUZ-KA24NA2	Percentage of Rated Capacity	100%	89%	77%	65%	54%	0%	0%	0%
DEAD ACCAST/CUT MACCALAG	Heating Capacity (Btu/h)	30,000	26,560	23,080	19,600	16,140	-	-	-
PEAD-A30AA7/SUZ-KA30NA2	Percentage of Rated Capacity	100%	89%	77%	65%	54%	0%	0%	0%
DEAD AGGAAT/GUT MAGGNAG	Heating Capacity (Btu/h)	33,500	29,660	25,770	21,890	18,030	-	-	-
PEAD-A36AA7/SUZ-KA36NA2	Percentage of Rated Capacity	100%	89%	77%	65%	54%	0%	0%	0%
OUZ I/D40NA/OUZ I/A40NAO	Heating Capacity (Btu/h)	15,000	13,280	11,540	9,800	8,070	6,370	4,710	-
SVZ-KP12NA/SUZ-KA12NA2	Percentage of Rated Capacity	100%	89%	77%	65%	54%	42%	31%	0%
SVZ-KP18NA/SUZ-KA18NA2	Heating Capacity (Btu/h)	21,600	19,120	16,620	14,110	11,620	9,170	6,790	-
SVZ-RETONA/SUZ-KATONAZ	Percentage of Rated Capacity	100%	89%	77%	65%	54%	42%	31%	0%
CNZ I/DOANA/CUZ I/AOANAO	Heating Capacity (Btu/h)	25,000	22,130	19,230	16,330	13,450	-	-	-
SVZ-KP24NA/SUZ-KA24NA2	Percentage of Rated Capacity	100%	89%	77%	65%	54%	0%	0%	0%
CV7 VD20NA/CU7 VA2CNA2	Heating Capacity (Btu/h)	30,000	26,560	23,080	19,600	16,140	-	-	-
SVZ-KP30NA/SUZ-KA36NA2	Percentage of Rated Capacity	100%	89%	77%	65%	54%	0%	0%	0%
OUZ 1/DOOMA/OUZ 1/4004440	Heating Capacity (Btu/h)	33,500	29,660	25,770	21,890	18,030	-	-	-
SVZ-KP36NA/SUZ-KA36NA2	Percentage of Rated Capacity	100%	89%	77%	65%	54%	0%	0%	0%
	·								

### ADDITIONAL M-SERIES INFORMATION

#### HEATING CAPACITY

Outdoor Tompore	ature Degrees (° F)	50	41.0	32.0	23.0	14.0	5.0	-4	-13
Outdoor rempera	0 ( )							-4	-13
MXZ-2C20NA2	Heating Capacity (Btu/h)	22,000	22,000	18,920	15,840	12,980	9,900	-	-
	Percentage of Rated Capacity	100%	100%	86%	72%	59%	45%	0%	0%
MXZ-3C24NA2	Heating Capacity (Btu/h)	25,000	25,000	24,000	20,750	17,250	13,250	-	-
WAZ GOZHAZ	Percentage of Rated Capacity	100%	100%	96%	83%	69%	53%	0%	0%
MXZ-3C30NA2	Heating Capacity (Btu/h)	28600	28,600	28,020	24,310	20,300	15,730	-	-
	Percentage of Rated Capacity	100%	100%	98%	85%	71%	55%	0%	0%
MXZ-4C36NA2	Heating Capacity (Btu/h)	36000	36,000	33,480	29,160	24,120	18,720	-	-
WAZ-4030WAZ	Percentage of Rated Capacity	100%	100%	93%	81%	67%	52%	0%	0%
MX7-5C42NA2	Heating Capacity (Btu/h)	45000	45,000	41,850	36,450	30,150	23,400	-	-
MXZ-5U4ZNAZ	Percentage of Rated Capacity	100%	100%	93%	81%	67%	52%	0%	0%
MV7 0040NA	Heating Capacity (Btu/h)	48000	48,000	48,000	39,840	32,160	28,800	25440	-
MXZ-8C48NA	Percentage of Rated Capacity	100%	100%	100%	83%	67%	60%	53%	0%
MXZ-8C60NA	Heating Capacity (Btu/h)	60000	60,000	60,000	-	-	51,600	-	-
WAZ-OCOUNA	Percentage of Rated Capacity	100%	100%	100%	0%	0%	86%	0%	0%
MXZ-2C20NAHZ2	Heating Capacity (Btu/h)	22,000	22,000	22,000	22,000	22,000	22,000	21,120	20,460
WIAZ-ZUZUNANZZ	Percentage of Rated Capacity	100%	100%	100%	100%	100%	100%	96%	93%
MXZ-3C24NAHZ2	Heating Capacity (Btu/h)	25,000	25,000	25,000	25,000	25,000	25,000	23,750	22,500
WAZ-3UZ4NANZZ	Percentage of Rated Capacity	100%	100%	100%	100%	100%	100%	95%	90%
MAYZ OOOONAUZO	Heating Capacity (Btu/h)	28,600	28,600	28,600	28,600	28,600	28,600	26,880	25,160
MXZ-3C30NAHZ2	Percentage of Rated Capacity	100%	100%	100%	100%	100%	100%	94%	88%
LDV7 400004417	Heating Capacity (Btu/h)	36,000	36,000	36,000	36,000	36,000	36,000	31,680	27,360
MXZ-4C36NAHZ	Percentage of Rated Capacity	100%	100%	100%	100%	100%	100%	88%	76%
LD/7 50 (0) LU7	Heating Capacity (Btu/h)	42,000	42,000	42,000	42,000	42,000	42,000	36,960	31,920
MXZ-5C42NAHZ	Percentage of Rated Capacity	100%	100%	100%	100%	100%	100%	88%	76%
LD/7 00 (0) (1)	Heating Capacity (Btu/h)	48,000	48,000	48,000	48,000	48,000	48,000	42,240	36,480
MXZ-8C48NAHZ	Percentage of Rated Capacity	100%	100%	100%	100%	100%	100%	88%	76%





© 2019 Mitsubishi Electric Trane HVAC US LLC. All rights reserved. Mitsubishi Electric, Lossnay, and the three-diamond logo are trademarks of Mitsubishi Electric Corporation. H2i and kumo cloud are registered trademarks of Mitsubishi Electric US, Inc. All other product names mentioned herein are trademarks or registered trademarks of their respective owners. ENERGY STAR and the ENERGY STAR mark are registered trademarks owned by the United States Environmental Protection Agency.

Use of the AHRI Certified™ mark indicates a manufacturer's participation in the certification program. For verification of certification for individual products, go

to www.ahridirectory.org.

Specifications shown in this brochure are subject to change without notice. See complete warranty for terms, conditions and limitations. A copy is available from Mitsubishi Electric.

M-SERIES CATALOG | 01.2019 REVISED | SKU: ME-1022 | Printed in the USA



MAKE COMFORT Personal

Mitsubishi Electric Cooling & Heating 1340 Satellite Boulevard, Suwanee, GA 30024 Phone: 800-433-4822 Fax: 800-658-1458















