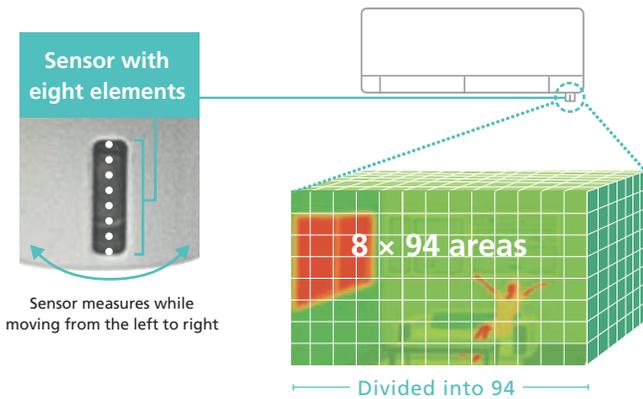


# Features

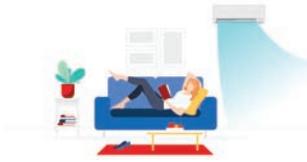
## 3D i-see Sensor for FS Model

The FS Model comes equipped with a 3D i-see Sensor®, an infrared-ray sensor that measures temperatures at different positions throughout the space. While scanning the area from left to right, eight vertically arranged sensor elements analyze the room temperature in three dimensions. Based on temperature readings, the sensor detects the location of people in the room. This technology enables the user to personalize comfort by selecting their preferred airflow setting.



### Indirect Airflow

The Indirect Airflow setting diverts airflow away from people within the space.



### Direct Airflow

The Direct Airflow setting blows conditioned air toward people within the space.



### Absence Detection

The sensors detect whether there are people in the room. When no one is in the area, the unit automatically switches to Energy Saving Mode.

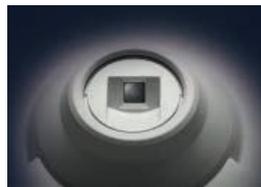


When the 3D i-see Sensor detects an unoccupied room, the power consumption reduces by ~10% after 10 minutes and further decreases by ~20% after 60 minutes.

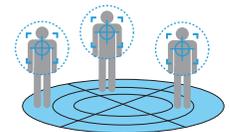
## 3D i-see Sensor for SLZ and PLA Models

### Detects Number Of People

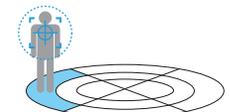
The 3D i-see Sensor detects the number of people in the room and adjusts the power accordingly. This saves energy in places where the number of people changes frequently. Additionally, when the area is continuously unoccupied, the system switches to an advanced Power Saving Mode. Depending on the setting, it can also stop the operation.



Detects number of people

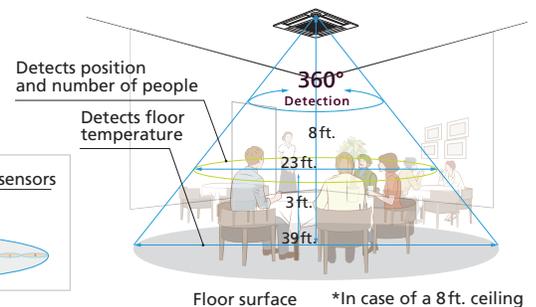
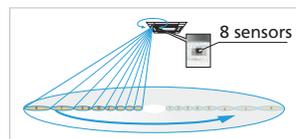


Detects the Location of Individuals



### Detects the Location of Individuals

The airflow in the space is entirely customizable. The user can choose Direct Airflow or Indirect Airflow configurations for each of the four air vanes. Once the sensor detects a person within the area, each air vane adjusts automatically to the preferred settings.



### Highly Accurate Temperature Measurements

A total of eight sensors rotate a full 360° in 3-minute intervals. The sensor measures temperature throughout the space, plus the algorithm determines the number of people within the area and their locations.

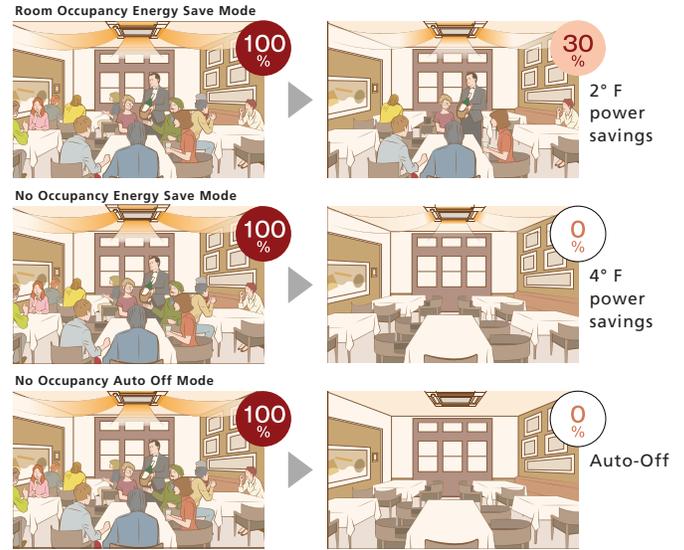
## Determines Occupancy

### Room Occupancy Energy Saving Mode

The 3D i-see Sensor® detects the number of people in the room. It calculates the actual occupancy rate as a percentage of the maximum number of people. When the occupancy rate is approximately 30%, the system energy savings is equivalent to 2° F during cooling or heating operation. The Energy Saving Mode algorithm controls the room temperature based on space occupancy.

### No Occupancy Energy Saving Mode

When the 3D i-see Sensor detects that no one is in the room, the system switches to a preset power-saving mode. If the area remains unoccupied for more than 60 min, the system energy savings is equivalent to 4° F during cooling or heating operation. This mode reduces energy wasted on heating and cooling unoccupied rooms.



\*PAR-40MAAU is required for each setting

### No occupancy Auto Off Mode

When the room remains unoccupied for a predetermined amount of time, the system automatically turns off. The time duration the system remains off can be configured in 10-minute increments ranging from 60 minutes to 180 minutes.

## Detects the Location of Individuals

### Seasonal Airflow\*

#### When Cooling:

The unit saves energy while keeping a comfortable temperature by automatically switching between ventilation and cooling modes. Once the room reaches the desired temperature, the system switches from cooling mode to swing-fan operation to extend the amount of time the space maintains set point.

#### When Heating:

Once the room reaches the temperature set point, the system switches from heating mode to fan mode. The fan recirculates conditioned air throughout the space to prevent heated air from being wasted by collecting at the ceiling. This feature improves room comfort by eliminating annoying temperature differences caused by air stratification.



\*PAR-40MAAU is required for each setting.

### Direct/Indirect Settings\*

When set to Indirect Airflow, the vanes direct air horizontally across the ceiling away from individuals eliminating drafts.



\*PAR-40MAAU is required for each setting.

### AREA Area Temperature Monitor

The 3D i-see Sensor monitors the whole room in small sections and directs the airflow to regions within the space as needed. For example, if the system is in cooling mode and the middle of the room is hot, then more airflow is directed toward the problem area to even out the room temperature. This smart feature eliminates unnecessary heating and cooling costs while delivering more uniform temperatures and comfort throughout the room.



Cooling Mode

## Energy-Saving

### Econo Cool Mode

Econo Cool is an intelligent temperature control feature that adjusts the amount of air directed towards the body based on discharge air temperature. The set point can be raised by 4° F without any loss in comfort, achieving an additional 20% energy efficiency.

(Function only available during manual cooling operation.)

	Conventional	Econo Cool
Ambient Temperature	95° F	95° F
Set Point	77° F	81° F
Perceived Temperature	86° F	85° F

Econo Cool

Conventional Cooling Mode



## Air Quality

### Nano Platinum Filter

This filter has a large capture area and incorporates nanometer-sized platinum-ceramic particles that work to kill bacteria and deodorize the circulating air.

### Catechin Filter

Catechin is a bioflavonoid by-product of green tea with both antiviral and antioxidant qualities. In addition to improving air quality, it prevents the spreading of bacteria and viruses throughout the room, and also has an excellent deodorizing effect.

### Air Filter

This filter removes dust particles from the air.

### Deodorizing Filter

The catalyst coating on the honeycomb-structured frame captures small foul-smelling substances in the air, then breaks down the source of the odors with the power of the ozone generated in a plasma electrode unit.

### Electrostatic Anti-Allergy Enzyme Filter

This filter is charged with static electricity, enabling it to attract and capture dust particles that regular filters cannot capture. This filter can also trap allergens such as bacteria and decompose them using enzymes retained in the filter.

### Demand Function (On-site Adjustment)

Based on the signal input, energy consumption can be reduced up to 100% of the typical consumption. The demand function can be activated by a commercially available timer or an on/off switch added to the CNDM connector (optional) on the outdoor unit control board.

[Example: P-Series]

Limit energy consumption by changing the settings of SW7-1, SW1 and SW2 on the control board of the outdoor unit. The following settings are possible.

SW7-1	SW1	SW2	Energy Consumption
ON	OFF	OFF	100%
	ON	OFF	75%
	ON	ON	50%
	OFF	ON	0% (Stop)

\* PUY/PUZ outdoor only

### Air Purifying Filter

The filter has a large capture area and deodorizes the circulating air.

### Fresh-air Intake

The direct intake of fresh exterior air enhances indoor air quality.

### High-efficiency Filter

This high-performance filter has a much finer mesh compared to standard filters, and is capable of capturing minute particulates floating in the air that were not previously caught.

### Oil Mist Filter

The oil mist filter prevents oil mist from penetrating the inner part of the air conditioner.

### Long-life Filter

A special process for the entrapment surface improves the filtering effect, making the maintenance cycle longer than that of units equipped with conventional filters.

### Filter Check Signal

The system monitors the air conditioner operating time, and the user is notified when filter maintenance is necessary.

## Air Distribution

### Double Vane

The double vane separates airflow into different directions to supply air across a wide area of the room and also reach people in two separate locations.

### Natural Flow Operation

Airflow becomes more like a light breeze, and the occupant feels more comfortable.

### Indirect/Direct Mode

This mode offers finely-tuned operation by locating where an occupant is in the room and sends the air directly or indirectly according to the selected mode.

### Powerful Operation

The air conditioner will automatically adjust the fan speed and set temperature for 15 minutes. Rapid cooling and heating will make the room comfortable more quickly.

### Wide Airflow

Especially beneficial for large spaces, helping to ensure that the air is well circulated and reaches every corner of the room. Select the desired airflow pattern and it will distribute air horizontally over a wide-ranging 150° in heating mode and 100° in cooling mode.

### Vertical Vane

The air outlet fin swings from side to side so that the airflow reaches every part of the room.

### High Ceiling Mode

In the case of rooms with high ceilings, the outlet-air volume can be increased to ensure that air is circulated all the way to the floor.

### Low Ceiling Mode

If the room has a low ceiling, the airflow volume can be reduced for less draft.

### Auto Fan Speed Mode

The airflow speed mode adjusts the fan speed of the indoor unit automatically according to the present room conditions.

### Auto Vane Control

Outlet vanes can be moved left and right, and up and down using the remote controller. This improved airflow control feature solves the problem of drafts.

### Horizontal Vane

The air outlet vane swings up and down so that the airflow is spread evenly throughout the room.

## Blue Fin Coating

### Blue Fin Heat Exchanger

Anti-corrosion treatment is applied to the heat exchanger of the outdoor units. This coating prevents the corrosion of the aluminum fins caused by salt in the air, especially in coastal areas. (Corrosion of the heat exchanger will affect the efficiency and performance of the air conditioner.)

#### Standard HEX coatings:

Rated for 240 hours spraying time\*

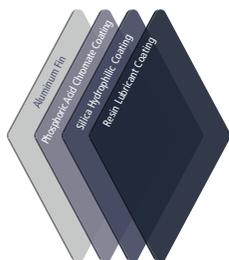
#### Blue Fin HEX coatings:

Rated for 960 hours spraying time\*

\*Per JRA 9002 Standard Coating is applied on all M-Series single-zone outdoor units



Blue Fin HEX



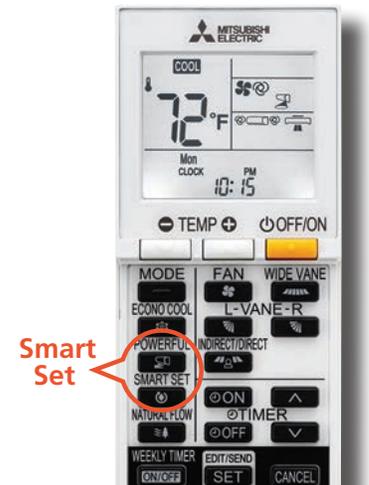
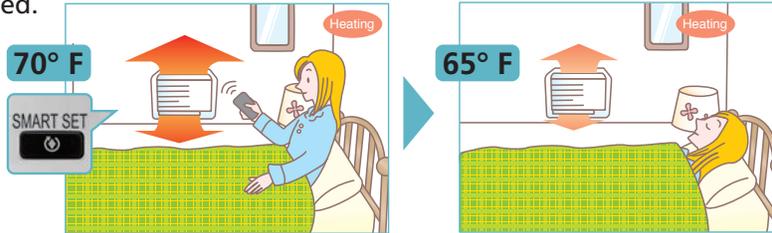
Standard HEX

Compatibility	
Outdoor Unit	Blue Fin Coating
MUZ-FS	•
MUFZ-KJ	•
MUZ/Y-GL	•
MUZ-HM	•
MUZ-JP	•
MUZ-WR	•
SUZ-KA-NA2 (9, 12, 15)	•
SUZ-KA-NAHZ (9, 12, 15, 18)	•
PUZ/Y-BS (Sea coast protection models only)	•
MXZ-NA2/NAHZ2 Multi-zone (Branch box type)	•

## Convenience

### Smart Set

Smart Set is a simplified setting function that recalls the preferred (preset) temperature by pressing a single button on the remote controller. Press the same button twice in repetition to immediately return to the previous temperature setting. Using this function contributes to comfortable waste-free operation, realizing the most suitable air conditioning settings and saving on power consumption when, for example, leaving the room or going to bed.



### Auto Changeover

The air conditioner automatically switches between heating and cooling modes to maintain the desired temperature.

### Low-Temperature Cooling

Intelligent fan speed control in the outdoor unit ensures optimum performance even when the outside temperature is low.

### Ampere Limit Adjustment

Dip switch settings can be used to adjust the maximum electrical current for operation. This function is highly recommended for managing energy costs.

\*Maximum capacity is lowered with the use of this function

### Auto Restart

Especially useful at the time of power outages, the unit turns back on automatically when power is restored.

### Operation Lock (Outdoor Unit)

To accommodate specific-use applications, cooling or heating operation can be specified when setting the control board of the outdoor unit. A convenient option when a system needs to be configured for exclusive cooling or heating service.

### Sleep Mode

When Sleep Mode is activated using the wireless remote controller, it will switch to the settings described below.

- After 30 minutes, the set temperature will automatically change to the sleep mode set temperature, which the user can set beforehand.
- The fan speed will immediately change to low fan speed.

### On/Off Operation Timer

Use the remote controller to set the times of turning the air conditioner On/Off.

FS Remote - Closed



FS Remote - Open





## Weekly Timer Function

Easily set desired temperatures and operation ON/OFF times to match lifestyle patterns. Reduce wasted energy consumption by using the timer to prevent forgetting to turn off the unit and eliminate temperature setting adjustments.

### Sample Operation Pattern (Winter/Heating mode)

	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.	Sun.
6:00 AM	ON 68°F	ON 68°F	ON 68°F	ON 68°F	ON 68°F	ON 68°F	ON 68°F
8:00 AM	Automatically changes to high-power operation at wake-up time						
10:00 AM	OFF	OFF	OFF	OFF	OFF	ON 64°F	ON 64°F
12:00 AM	Automatically turned off during work hours					Midday is warmer, so the temperature is set lower	
2:00 PM							
4:00 PM							
6:00 PM	ON 72°F	ON 72°F	ON 72°F	ON 72°F	ON 72°F	ON 72°F	ON 72°F
8:00 PM	Automatically turns on, synchronized with arrival at home					Automatically raises temperature setting to match time when outside-air temperature is low	
10:00 PM							
(during sleeping hours)	ON 64°F	ON 64°F	ON 64°F	ON 64°F	ON 64°F	ON 64°F	ON 64°F
	Automatically lowers temperature at bedtime for energy-saving operation at night						

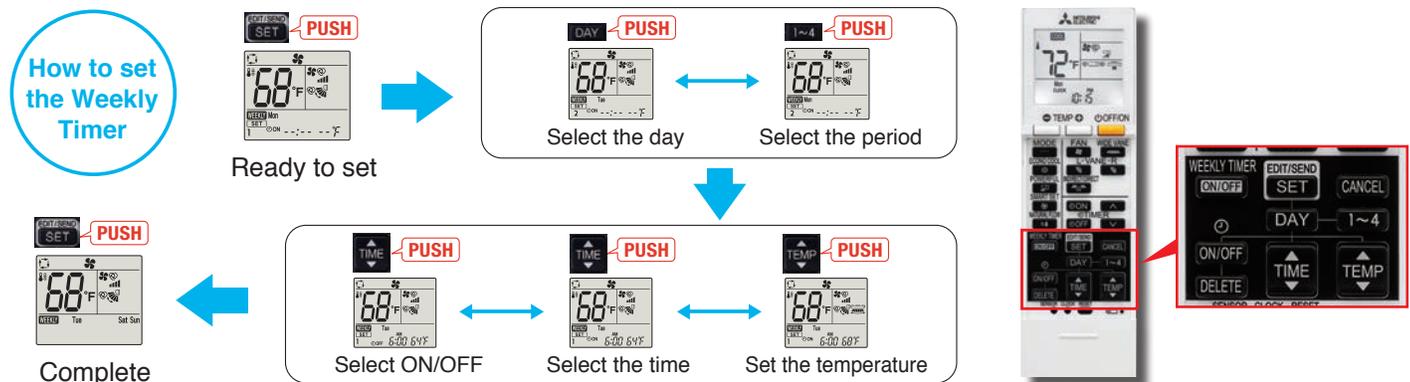
#### Settings

**Pattern Settings:** Input up to four settings for each day

**Settings:** • Start/Stop operation • Temperature setting \*The operation mode cannot be set.

## Easy Set-Up Using Dedicated Buttons

The remote controller is equipped with buttons that are used exclusively for setting the Weekly Timer. Setting operation patterns is easy and quick.



## Set a Weekly Timer

Start by pushing the "SET" button and follow the instructions to set the desired patterns. Once all of the desired patterns are input, point the top end of the remote controller at the indoor unit and push the "SET" button one more time. (Push the "SET" button only after inputting all of the desired patterns into the remote controller memory. Pushing the "CANCEL" button will end the set-up process without sending the operation patterns to the indoor unit). It takes a few seconds to transmit the Weekly Timer operation patterns to the indoor unit. Please continue to point the remote controller at the indoor unit until all data has been sent.

## System Control



### M-NET Connection

Units can be connected to MELANS system controllers (M-NET controllers) such as the AE-200A.



### kumo cloud® Wireless Interface

Along with your smart phone or tablet device, you can manage your system in multiple venues, such as home, work and vacation locations. You can control functions like turning on/off, fan speed, and vane direction.



### MXZ Connection

Connection to the MXZ multi-split outdoor unit is possible.



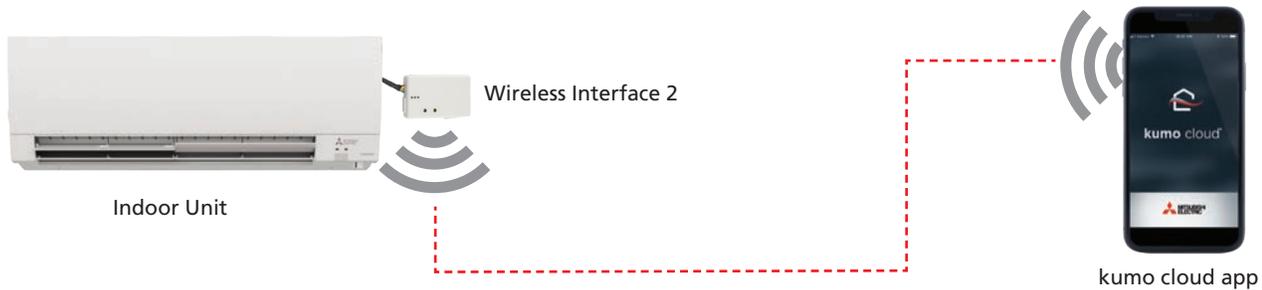
### System Group Control

The same remote controller is capable of controlling the operational status of up to 16 refrigerant systems.



## Anytime, Anywhere Control

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



## Manage Your Comfort From Anywhere with kumo cloud

- 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
- For product information, go to [kumocloud.com](http://kumocloud.com)
- Ability to group indoor units and organize groups into sites
- Batch command indoor units
- Ability to program events and scheduling into the unit itself
- Available in Fahrenheit or Celsius
- Easy to connect the device to home router using the kumo cloud app
- Each indoor unit must be equipped with a Wireless Interface (PAC-USWHS002-WF-2) installed by a licensed contractor
- Secure boot to prevent unauthorized reprogramming of the Wireless Interface
- Intuitive initial settings feature for M- & P-Series equipment
- Compatible with Amazon Alexa and Google Home

### Program and Schedules

kumo cloud setup walks through a simple five-step process to easily schedule modes, program set points, and select fan speeds for all zones or one at a time.

### Easily Zoned

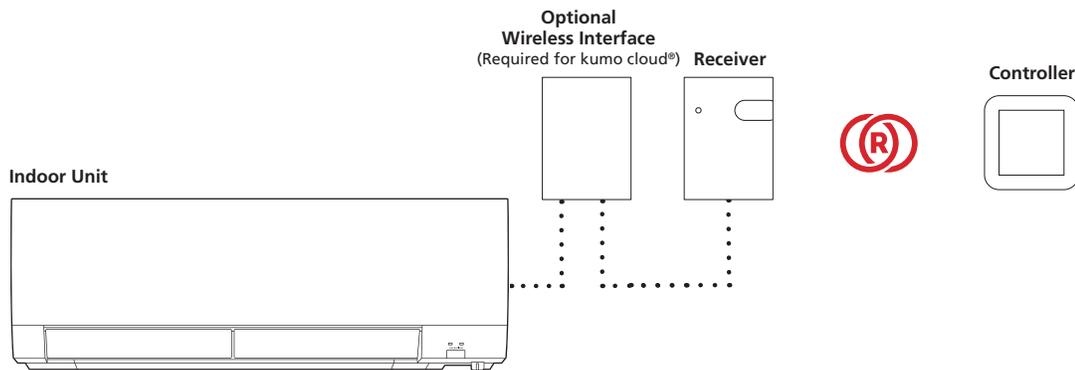
The kumo cloud app discovers active Wireless Interface devices. Once located, each zone can be named and organized into groups.

### 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.

# kumo touch™

Simple wall-mounted design controllers can be installed anywhere with large, backlit, easy to read display. Both the controller and receiver is enabled with RedLINK reliability.



## MRCH2 kumo touch Controller Specifications

- Touch panel, Back lit, easy-to-read display
- Used RedLINK™ 3.0 wireless technology
- Not compatible with MHK1, MOS1, and MCCH1 RedLINK 2.0 wireless technology environment
- User functions allow user to set:
  - On/Off
  - Operation modes cool, heat, drying, fan
  - Set temperature (separate dual set points for heat and cool)
  - Fan speed setting
  - Airflow direction
  - Set temperature range limits (dependent on the system connected):
    - Cooling from 50° to 99° F
    - Heating from 40° to 90° F
    - Auto from 50° to 90° F with dual temperature setting
  - MHK2 Scheduling options:
    - No Schedule
    - MO-SU = Every day the same
    - MO-FR, SA, SU = 5-1-1 schedule
    - MO-FR, SA-SU = 5-2 schedule
    - Each Day = Every day individual
    - Allow kumo cloud to be schedule holder
    - Hold function
    - Temporary or Permanent schedule override
    - Lockout:
      - On, Off, Mode, Fan Speed, Set point, Vane Direction
    - Day/Time display with a 12 or 24-hour clock
    - Supports both Fahrenheit and Celsius
    - RedLINK™ Wireless Connection Status
    - Filter sign display
  - Diagnostics: Displays and records error codes
  - Adjustable auto mode deadband
  - Space temperature offset adjustment
  - Space humidity offset adjustment
  - Hide (on screen only)

- Indoor temperature
- Indoor humidity
- Temperature Sensing Source

## MHK2 Specifications

- Indoor Unit
- RedLINK Wireless Indoor Air Sensor (IAS)
- Average of MHK2 and RedLINK Wireless Indoor Air Sensor (IAS)
- Indoor Humidity Source
- MHK2
- RedLINK Wireless Indoor Air Sensor (IAS)
- Average of MHK2 and RedLINK Wireless Indoor Air Sensor (IAS)
- Improved indoor unit function code list
- Indoor unit type
- Expanded to 28 indoor unit codes
- Reset to factory default
- Uses two "AA" alkaline batteries (included)
- Dimensions: 4-5/64" x 4-5/64" x 1-1/16" (104 x 104 x 27 mm)
- Operating Ambient Temperature: 32° to 120° F (0° to 48.9° C)
- Operating Relative Humidity: 5% to 90%

## MIFH2 Wireless Receiver Specifications

- Included in MHK2 Kit
- Mounts next to or near indoor units to allow MRCH2 Remote Controller operation
- Connects to indoor unit control board with MRC2 Cable
- Dimensions: 3-3/32" H x 1-3/4" W x 39/64" D (74.8 x 44.4 x 15.4 mm)
- Operating Ambient Temperature: -40° to 165° F (-40° to 73.9° C)
- Operating Relative Humidity: 5% to 95%

## MRC2 Cable

- Included in MHK2 Kit in the MIFH2 box
- Connects MIFH2 Wireless Receiver to the CN105 connector on indoor unit control board
- Length: 39-23/64" (1 m)

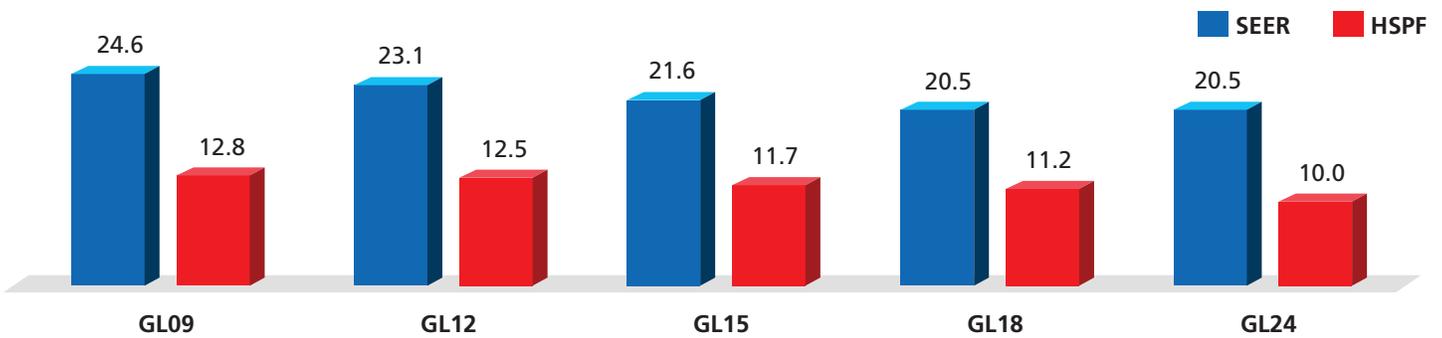


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# MSY/MSZ-GL Model MSY/MSZ-D Model

Standard Wall Mount



## Large Range of Capacities

The MSY/MSZ-GL and MSY/MSZ-D wall-mounted indoor units offer our highest design flexibility. Combinations include single-zone (cooling only or heat pump) and multi-zone (heat pump or hyper-heating heat pump) systems. A large selection of sizes ranges from 6,000 to 36,000 BTU/H.



MSZ-GL06/09/12/15NA  
MSY-GL09/12/15NA



MSZ/MSY-GL18NA



MSZ/MSY-GL24NA



MSZ/MSY-D30/36NA

## Compact Design

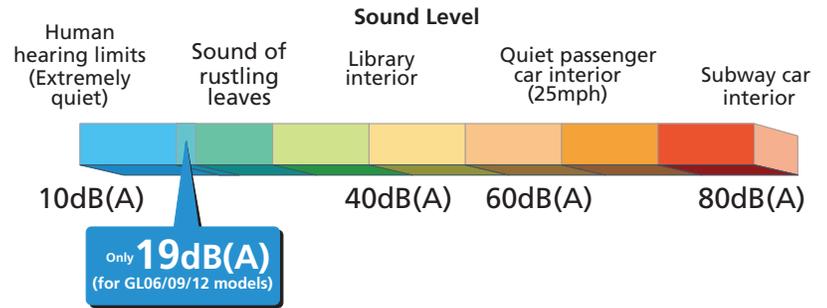
Slim and compact indoor units provide enhanced, industry-leading performance for cooling and heating.



All MSY-GL and MSZ-GL single-zone systems are ENERGY STAR® certified.

## Quiet Operation

The indoor unit noise level is as low as 19dB(A) for GL06/09/12 models, offering a peaceful inside environment.

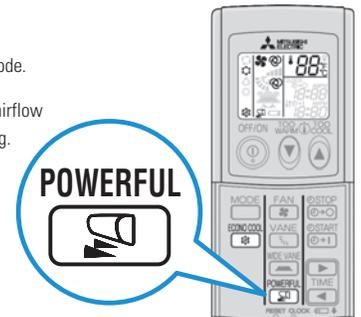


## Powerful Operation (GL24, D30/36)

Depending on the capacity, the unit will automatically adjust the fan speed and set temperature for 15 minutes. Rapid cooling and heating will make the room comfortable quickly.

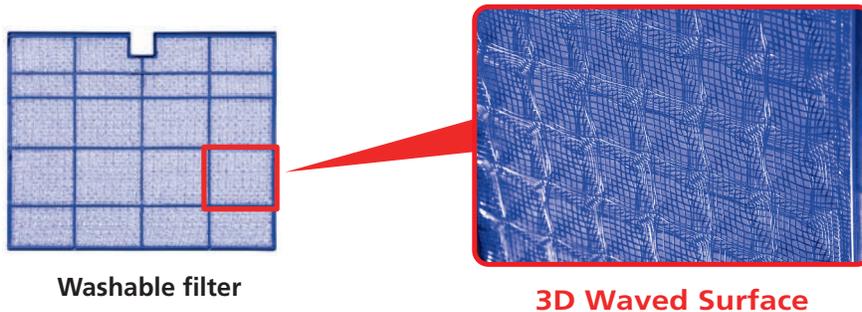
Fan speed: Exclusive speed for POWERFUL mode.

Horizontal Vane: Set position, or downward airflow position during AUTO setting.



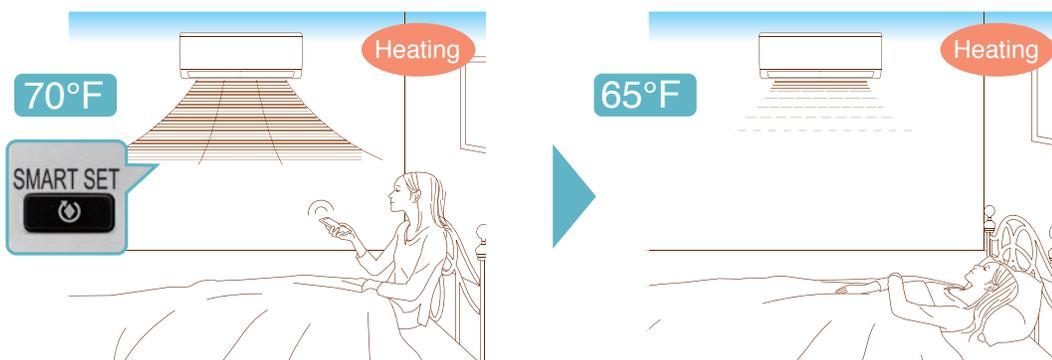
## Nano Platinum Filter (MSZ-GL06, MSZ/MSY-GL09/12/15/18/24)

The Nano Platinum Filter generates stable antibacterial and deodorizing effects. The three-dimensional surface enlarges the filter capture area and increases dust collection performance compared to conventional filters.



## Smart Set (MSZ-GL06, MSZ/MSY-GL09/12/15/18/24)

Smart Set is a simplified function that recalls the preferred (preset) temperature by pressing a single button on the remote controller. Press the same button twice to return to the previous temperature setting.



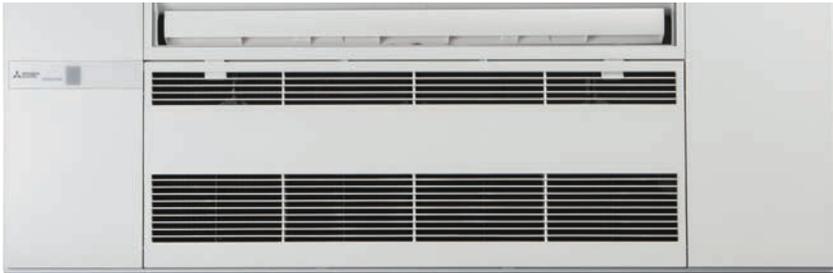


# MLZ Model

EZ FIT® Recessed Ceiling Cassette

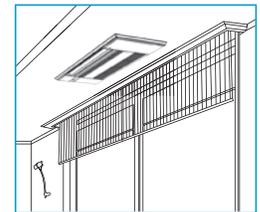


## Slim Design



## Ceiling Recessed

The EZ FIT flush-mount design creates a more spacious feeling in the room. The recessed-ceiling-cassette indoor unit style provides a solution when wall space is limited or not available.



## Slim Body

The units are built with a slim body (only 7-5/16"), ensuring easy installation even when shallow ceiling cavities limit installation space. The inventive design also eliminates the need for an extra service access panel, further reducing the required installation area.



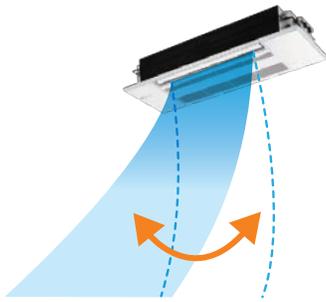
## Set Airflow According to Ceiling Height

Dual-level airflow selection is engineered to accommodate specific ceiling heights. This is a key feature for adjusting airflow effectively when it is either too strong or too weak due to being mismatched with the ceiling height.

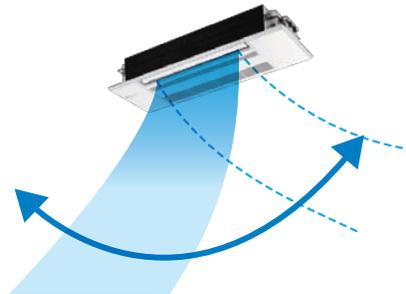
	09	12	18
Standard	7' 10-1/2"	7' 10-1/2"	7' 10-1/2"
High Ceiling	8' 10-1/2"	8' 10-1/2"	8' 10-1/2"

## Auto Vane Control

Outlet vanes can be moved left and right, and up and down using the remote controller. This improved airflow control feature eliminates drafts..



Up and Down



Left and Right

\*Only available when Econo Cool is set.

## Built-in Weekly Timer Function

Easily set desired temperatures and operation ON/OFF times to match lifestyle patterns. Reduce wasted energy consumption by using the timer to prevent forgetting to turn off the unit and eliminate temperature setting adjustments.

### Example Operation Pattern (Winter/Heating mode)

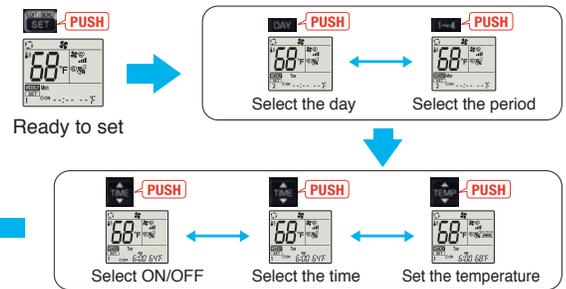
	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.	Sun.
6:00 AM	ON 68°F	ON 68°F	ON 68°F	ON 68°F	ON 68°F	ON 68°F	ON 68°F
8:00 AM	Automatically changes to high-power operation at wake-up time						
10:00 AM	OFF	OFF	OFF	OFF	OFF	ON 64°F	ON 64°F
12:00 AM	Automatically turned off during work hours					Midday is warmer, so the temperature is set lower	
2:00 PM							
4:00 PM							
6:00 PM	ON 72°F	ON 72°F	ON 72°F	ON 72°F	ON 72°F	ON 72°F	ON 72°F
8:00 PM	Automatically turns on, synchronized with arrival at home					Automatically raises temperature setting to match time when outside-air temperature is low	
10:00 PM							
(during sleeping hours)	ON 64°F	ON 64°F	ON 64°F	ON 64°F	ON 64°F	ON 64°F	ON 64°F
	Automatically lowers temperature at bedtime for energy-saving operation at night						

#### Settings

**Pattern Settings:** Input up to four settings for each day  
**Settings:** • Start/Stop operation • Temperature setting \*The operation mode cannot be set.

## Easy Set-Up Using Dedicated Buttons

The remote controller is equipped with buttons that are used exclusively for setting the Weekly Timer. Setting operation patterns is easy and quick.



Start by pushing the SET button and follow the instructions to set the desired patterns. Once all of the desired patterns are input, point the top end of the remote controller at the indoor unit and push the SET button one more time. (Push the SET button only after inputting all of the desired patterns into the remote controller memory. Pushing the CANCEL button will end the set-up process without sending the operation patterns to the indoor unit).



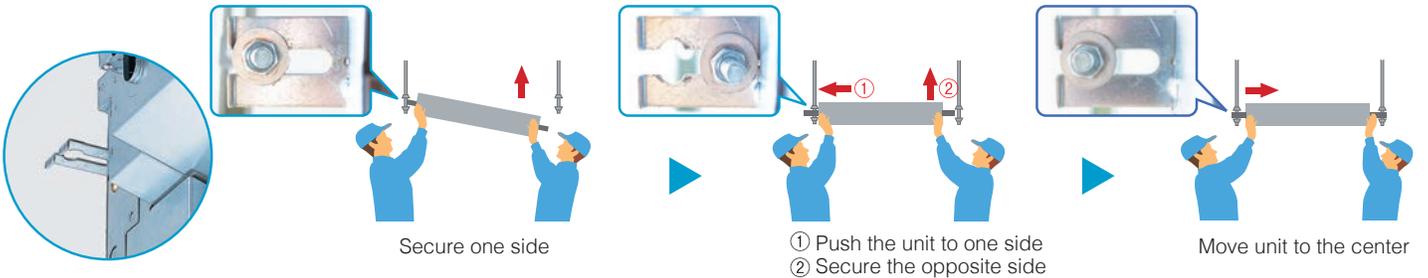
# Easy Installation

## Industry Leading Slim Body

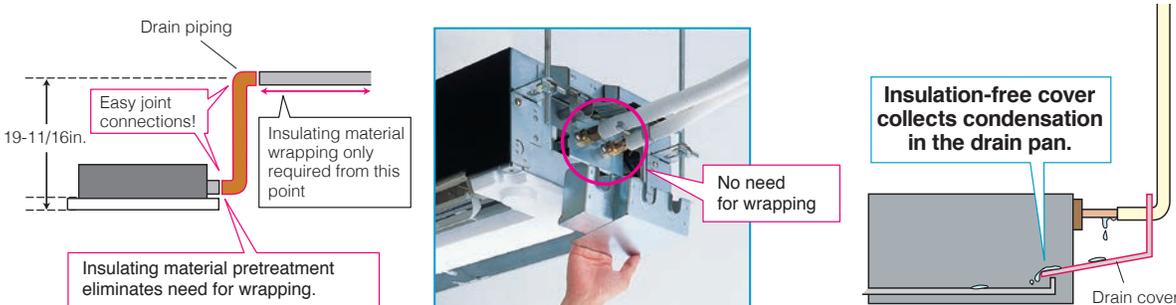
The EZ FIT® installs between standard joists that span 16 inches on center. There is no need for large scale construction, such as the cutting of the joist.



## Temporary Hanging Hook

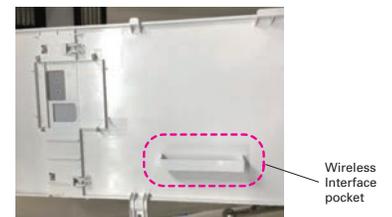


## Drain Piping Supporters and Drain Cover



## Wireless Interface Installation (Optional)

The indoor unit panel is equipped with a Wireless Interface pocket, contributing to the beautiful appearance, easy installation and maintenance.



# MLZ Model



Indoor Unit				MLZ-KP09NA	MLZ-KP12NA	MLZ-KP18NA
Outdoor Unit				SUZ-KA09NA2	SUZ-KA12NA2	SUZ-KA18NA2
Cooling	Capacity	Rated <sup>1</sup>	BTU/H	9,000	12,000	18,000
	Capacity Range	Min-Max	BTU/H	3,600-9,000	3,900-12,000	6,600-18,000
	Power Input	Rated <sup>1</sup>	W	710	960	1,440
	Moisture Removal	Pints/h		1.5	2.8	5.3
	Sensible Heat Factor			0.820	0.740	0.670
Heating	Capacity at 47°F	Rated <sup>2</sup>	BTU/H	12,000	15,400	20,000
	Capacity Range	Min-Max	BTU/H	4,010-13,000	4,600-17,000	8,200-22,800
	Power Input at 47°F	Rated <sup>2</sup>	W	860	1,300	1,170
	Capacity at 17°F	Rated <sup>3</sup>	BTU/H	7,700	9,900	13,100
	Capacity at 5°F	Max <sup>4</sup>	BTU/H	7,700	9,900	13,100
	Capacity at -5°F	Max <sup>5</sup>	BTU/H	6,100	7,900	10,700
Efficiency	SEER			19.5	19.8	22.3
	EER			12.6	12.5	12.5
	HSPF			13.3	12.1	12.4
	COP			4.0	3.4	3.3
	ENERGY STAR® Certified			Yes	Yes	Yes
Indoor Unit	Air Flow Rate - Cooling (Quiet-Lo-Med-Hi-SHi)	Dry	CFM	212-254-283-311	212-258-297-332	212-293-346-403
	Air Flow Rate - Cooling (Quiet-Lo-Med-Hi-SHi)	Wet	CFM	180-216-240-264	180-219-252-282	180-249-294-343
	Air Flow Rate - Heating (Quiet-Lo-Med-Hi-SHi)	Dry	CFM	212-247-290-325	212-272-311-350	212-311-364-417
	Sound Pressure Level (Quiet-Lo-Med-Hi-SHi)	Cooling	dB(A)	27-31-34-38	27-32-36-40	29-36-41-47
	Sound Pressure Level (Quiet-Lo-Med-Hi-SHi)	Heating	dB(A)	26-29-34-37	26-32-36-40	26-37-42-48
	External Static Pressure		In. W.G.	—	—	—
	Condensate Lift Mechanism	Max Distance	In. [mm]	19-11/16 [500]	19-11/16 [500]	19-11/16 [500]
	Dimensions	H	In. [mm]	7-5/16 [185]	7-5/16 [185]	7-5/16 [185]
		W	In. [mm]	43-3/8 [1102]	43-3/8 [1102]	43-3/8 [1102]
		D	In. [mm]	14-3/16 [360]	14-3/16 [360]	14-3/16 [360]
Weight	lbs [kg]		34 [15.5]	34 [15.5]	34 [15.5]	
Outdoor Unit	MCA	A		9.0	9.0	14.0
	MOCP	A		15	16	24
	Dimensions	H	In. [mm]	21-5/8 [550]	21-5/8 [550]	34-5/8 [880]
		W	In. [mm]	31-1/2 [800]	31-1/2 [800]	33-1/16 [840]
		D	In. [mm]	11-1/4 [285]	11-1/4 [285]	13 [330]
	Weight	lbs [kg]		81 [37]	81 [37]	127 [58]
	Air Flow Rate (Cooling/Heating)	CFM		1228/1172	1228/1172	1691/1691
	Sound Pressure Level	Cooling	dB(A)	48	49	54
Heating		dB(A)	50	51	55	
Piping	Diameter	Gas (O.D.)	In. [mm]	3/8 [9.52]	3/8 [9.52]	1/2 [12.7]
		Liquid (O.D)	In. [mm]	1/4 [6.35]	1/4 [6.35]	1/4 [6.35]
		Indoor Drain	In. [mm]	1-1/4 [32]	1-1/4 [32]	1-1/4 [32]
	Max. Length	ft [m]		65 [20]	65 [20]	100 [30]
Max. Height	ft [m]		40 [12]	40 [12]	50 [15]	
Electrical	Outdoor-Indoor <sup>6</sup>	V, ph, Hz		208/230, 1, 60	208/230, 1, 60	208/230, 1, 60
	Recommended Breaker Size	A		15	15	15
Refrigerant Type				R410A	R410A	R410A
Guaranteed Temperature Operation Range	Cooling <sup>7</sup>	°F DB [°C DB]		14 to 115 [-10 to 46]	14 to 115 [-10 to 46]	14 to 115 [-10 to 46]
	Heating	°F DB [°C DB]		-4 to -75 [-20 to 24]	-4 to -75 [-20 to 24]	-4 to -75 [-20 to 24]

Notes:  
 AHRI Rated Conditions (Rated data is determined at a fixed compressor speed)  
<sup>1</sup>Cooling (Indoor // Outdoor) °F 80 DB, 67 WB // 95 DB, 75 WB  
<sup>2</sup>Heating at 47°F (Indoor // Outdoor) °F 70 DB, 60 WB // 47 DB, 43 WB  
<sup>3</sup>Heating at 17°F (Indoor // Outdoor) °F 70 DB, 60 WB // 17 DB, 15 WB  
<sup>4</sup>Heating at 5°F (Indoor // Outdoor) °F 70 DB, 60 WB // 5 DB, 4 WB  
<sup>5</sup>Heating at -5°F (Indoor // Outdoor) °F 70 DB, 60 WB // -5 DB, -6 WB  
 Conditions  
<sup>6</sup>Indoor units receive power from outdoor units through field-supplied interconnected wiring.  
<sup>7</sup>Applications should be restricted to comfort cooling only; equipment cooling applications are not recommended for low ambient temperature conditions.

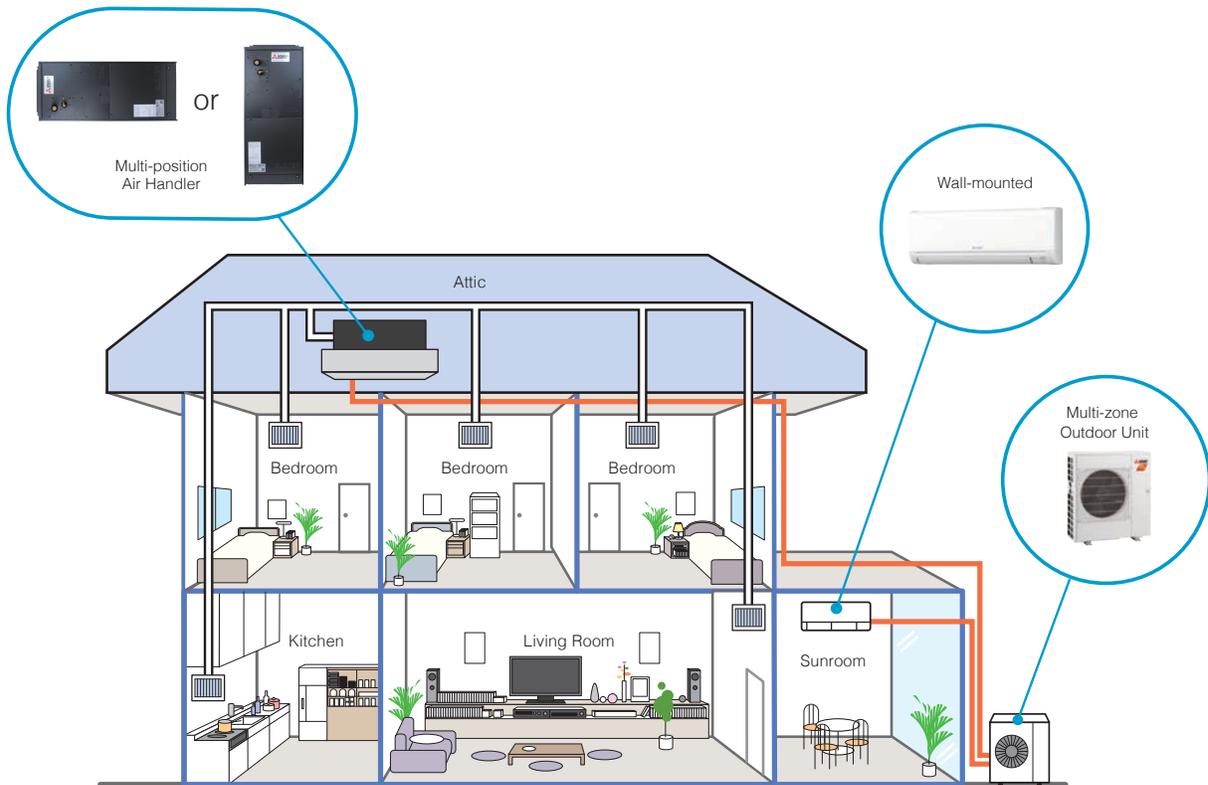


# SVZ Model

Multi-position Air Handler



The multi-position air handler is well-suited for supplemental or replacement applications. This product provides the powerful, quiet, and efficient cooling and heating solution your home or business deserves.



## Small Footprint

This air handler's compact design makes it possible to replace existing furnaces or air handlers. Choose either a single-zone or multi-zone system. Hybrid multi-zone applications provide a unique approach to solving zoning problems by mixing ducted and ductless indoor units.

## Flexibility

The SVZ air handler is truly multi-positional unit offering up, down\*, left or right airflow, making it ideal for tight and unique spaces.

\*Downflow kit required for downflow installations

## Quiet

The DC motor ensures quiet and efficient operation year round.