

# ADVANTAGE

PREMIUM SERIES HEAT PUMP

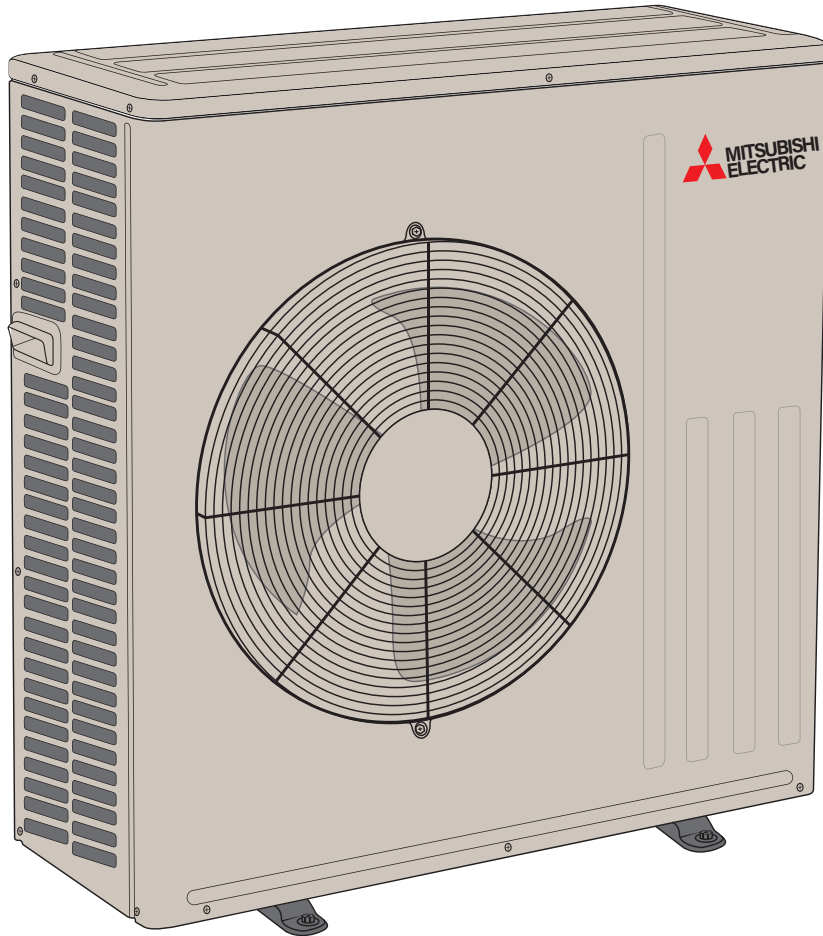
 MITSUBISHI  
ELECTRIC  
COOLING & HEATING

**TOTAL**  
*Personalized*  
**COMFORT**



# SUZ Outdoor Unit

This system is ideal for new homes, remodels and replacement of old, inefficient heating and cooling equipment.



13"  
Depth

UP TO  
13.6  
HSPF

55  
Max dB(A)  
*Traditional  
Outdoor Unit  
Avg. 72 dB(A)*

VARIABLE SPEED  
INVERTER-driven compressor

Available Capacities

12, 18, 24, 30, 36 KBTU/H

 PULSE AMPLITUDE  
Modulation technology

 Condenser Fan  
ICE GUARD

ADDITIONAL FEATURES:











- ✓ Flare refrigeration connections
- ✓ Precharged for 25' lineset
- ✓ Smaller breaker requirements

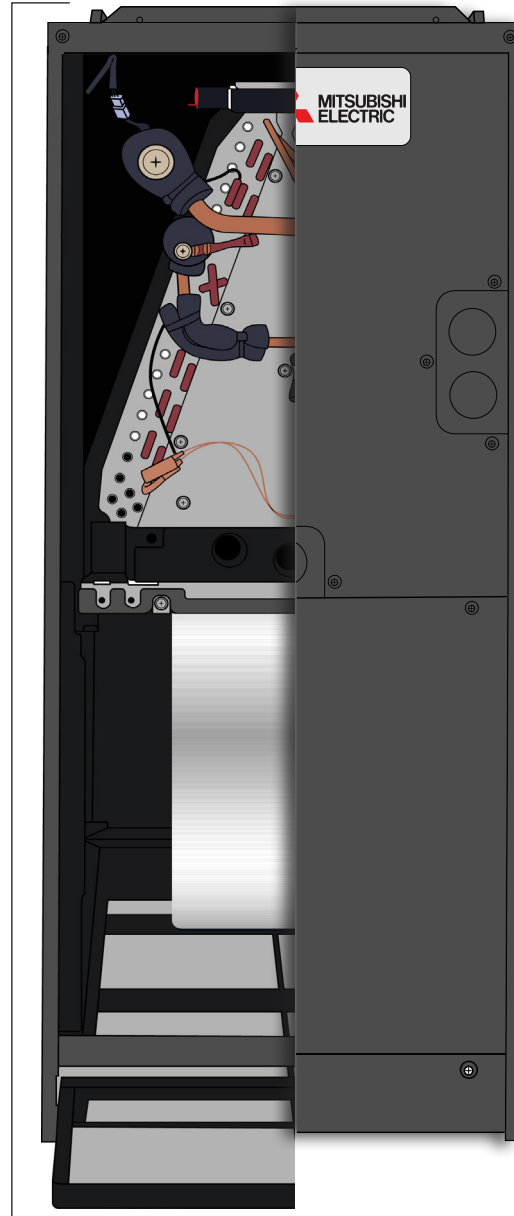


12 YEAR  
WARRANTY

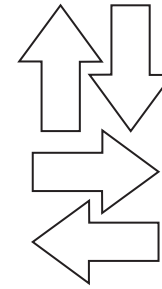
If installed and registered by a Diamond Contractor

# SVZ Ducted Air Handler

- Optional auxiliary heat kit 
- Hot oxide dipped Black ZAM 
- 1" fiberglass-free insulation 
- Cabinet air leakage is less than 2.0% at 1.0" w.g. 
- Unique blow-through design 
- No trap required for drain 
- Quiet operation 
- Selectable external static pressure: 0.30, 0.50 and 0.80" w.g. 
- ECM motor 
- Washable, standard size filter 



UP TO  
**13.6**  
HSPF



## CONFIGURATIONS

- Upflow
- Downflow
- Horizontal Right
- Horizontal Left

Available Capacities

**12, 18, 24, 30, 36** KBTU/H:



**12 YEAR  
WARRANTY**

If installed and registered by a Diamond Contractor

## ADDITIONAL FEATURES:

- ✓ Condensation overflow switch connection
- ✓ Humidifier and ERV interface connections
- ✓ Auxiliary heat control connections
- ✓ Optional electric heat and downflow kits

## Energy Efficient and Environmentally Friendly

Zoned Comfort Solutions utilize green technologies and are up to 40% more efficient than central air, so homeowners won't have to 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
- » HSPF ratings as high as **13.6** – dramatically better than conventional systems
- » Local and State utility rebates and incentive opportunities
- » Washable filters made from natural materials
- » 83% of system components are recyclable

Indoor	Outdoor	Rated Cooling	Rated Heating	HSPF	Max dB(A)	SEER	AHRI Rating
SVZ-KP12NA	SUZ-KA12NA2	12,000	15,000	12.1	55	18	202392053
SVZ-KP18NA	SUZ-KA18NA2	18,000	21,600	12.6	55	18	202392054
SVZ-KP24NA	SUZ-KA24NA2	24,000	25,000	10.4	55	18	202392024
SVZ-KP30NA	SUZ-KA30NA2	27,000	30,000	13.6	55	18	202392025
SVZ-KP36NA	SUZ-KA36NA2	33,000	33,400	11.7	55	16	202392026



## Touch MA Thermostat

Touch MA comes as a user-friendly and flexible package, which communicates seamlessly with the indoor system to provide the greatest level of home comfort possible. Large, easy to read color display allows the homeowner to change temperature, mode and fan settings. Seamless control whether home or away when paired with the optional Kumo cloud wifi interface.



kumo sensor

## kumo cloud™

kumo cloud™ is an app that allows homeowners to remotely control Mitsubishi Electric single or multi-zone systems wirelessly from anywhere. To access kumo cloud, simply download the free mobile app. The app is compatible with Apple, Android and Fire OS platforms and can be found in their app stores.

With kumo cloud, along with a smartphone or tablet device, homeowners can manage multiple venues, such as home, work, and vacation locations. kumo cloud and its wireless sensor also controls functions like system temperature, turning the system on/off, system mode and fan speed. In addition, it can monitor and notify homeowners of filter and error codes. Kumo cloud works with Amazon Alexa and Google Assistant. Comfort can be controlled using voice commands.



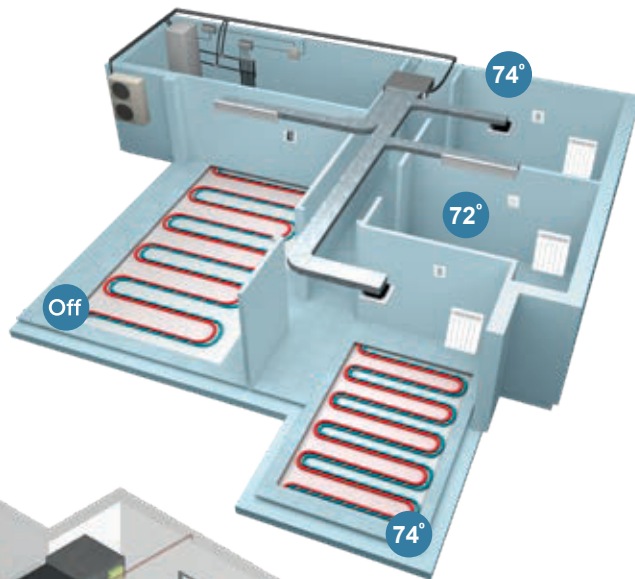
## MHK1 Wireless Thermostat

Controller and Wireless Receiver installs anywhere with simple wall-mounted design. Backlit display makes it easy to fine-tune temperature, fan speed, airflow direction, and more. With the addition of a RedLink internet gateway, MHK1 works with Amazon Alexa and Google Assistant.



## Thermostat Interface

Allows homeowners to control their system with most 24 VAC HVAC thermostats on the market.



## **AIRZONE** the smart air conditioning

### What is Airzone?

Airzone is an Integrated Zoning System specially designed for Inverter and VRF systems. An Airzone system provides a seamlessly integrated zoning solution for Inverter/VRF heat pump installations. It only requires connecting two wires.

This Integrated Zoning System regulates the air flow supplied to each air conditioned zone, and may also satisfy the thermal needs of each one of them. In addition, it includes several efficiency algorithms which by controlling Inverter heat pumps (operation mode, set point temperature, fan speed, etc.) optimizes energy use.

These features allow the Integrated Zoning System to provide an increase in both comfort and energy savings.

## Electric Heat Lockout Controller

- Microprocessor based electronic temperature control with a built-in non-volatile EPROM to retain settings even after a power outage
- Remote sensor that can be spliced for sensing up to 400 ft. with 22AWG wire
- Temperature set point and differential programability
- LCD readout of sensor temperature, control settings, relay status and onboard diagnostics
- Lockout switch to prevent tampering by unauthorized personnel



Product #	Description
MIA ETC-211000-MIT	Aux. Heat Lockout PVA/MVZ Strip Heat

## Downflow Kits

Product #	Description
DFK-S	Small Cabinet SVZ Air Handler
DFK-M	Medium Cabinet SVZ Air Handler

## Electric Heat Kits



Product #	Description
MIA EH03-SVZ-S	3kW Small
MIA EH05-SVZ-S	5kW Small
MIA EH08-SVZ-S	8kW Small
MIA EH05-SVZ-M	5kW Medium
MIA EH08-SVZ-M	8kW Medium
MIA EH10-SVZ-M	10kW Medium

1. **What is the efficiency of the SUZ Advantage Heat Pump?**  
Up to **13.6 HSPF** and **18 SEER**.

2. **What sizes are available?**

The units are produced in 1, 1.5, 2, 2.5 and 3 Ton capacities. Horizontal left, horizontal right, upflow and downflow using the available downflow kit.

3. **Does this unit use the same compressor technology as other Mitsubishi residential systems?**

Yes, this unit uses the same Variable Speed Inverter Technology built into all Mitsubishi products.

4. **What kind of warranty comes with the system?**

Diamond Contractors are able to provide 12 year parts and compressor warranty.

5. **What is the capacity range of the new SUZ outdoor units?**

	Min. Heat @ 47°F	Max. Heat @ 47°F	Max. Heat @ 17°F
SVZ-KP12NA	4,700	16,700	9,900
SVZ-KP18NA	8,300	26,000	14,000
SVZ-KP24NA	14,600	28,000	14,600
SVZ-KP30NA	12,640	33,000	21,400
SVZ-KP36NA	13,260	36,000	23,200

6. **Can the unit be used where strict sound ordinances exist?**

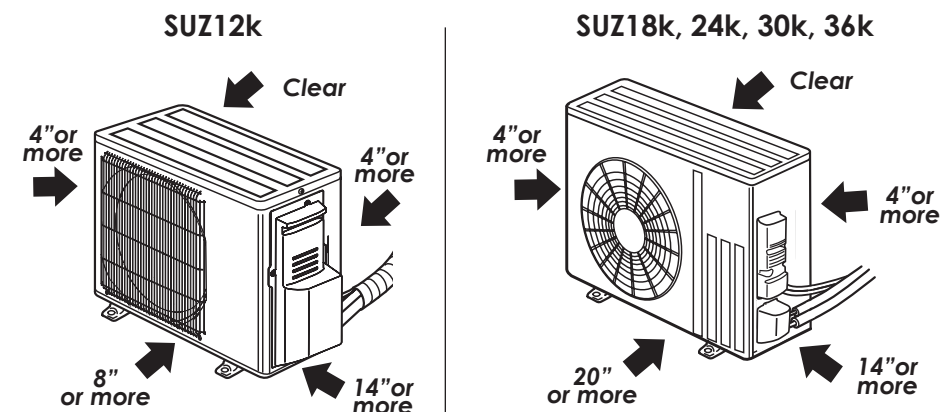
Yes, the maximum decibel rating on even the largest unit is 55dB(A). Should meet all sound noise regulations.

7. **Does this unit have the same BTU capacities as other variable speed products?**

Yes, the capacities are very comparable to other products in this efficiency range.

8. **Where can we install these units?**

These units can be installed in a variety of locations.



9. **Can these units be stacked?**

Yes, as long as clearances are met and defrost condensation from upper unit is managed.



10. **Can these units be mounted on a wall?**

Yes, with a wide variety of mounting options available.

11. **Is this a ZERO lot line unit?**

Yes, because of the compact design and low sound ratings this unit is perfect for tight lot lines.

12. **Can this unit be zoned?**

Yes, you have two options for zoning. The **Airzone** Zoning System that contains communicating controls to connect to this system, also works with any 24v zoning system in the market by way of the thermostat interface (PAC-US444).

13. **What controls are compatible with this system?**

There are a wide variety of control options available from wired (**Touch MA**), wireless (**MHK1**) and a completely Wi-Fi system with **kumo cloud™**. Can be used with any 24v brand thermostat via the thermostat interface. All of these options allow connectivity to Alexa or Google Assistant.

14. **Does this unit wire up like the other products in the Mitsubishi family?**

Yes, it wires the same as all units using S1, S2, S3 providing both power and communication to the indoor unit.

15. **How do you wire the electric heat kit?**

The electric heat kit is powered by a separate circuit from the electrical panel.

16. **What are the electrical requirements of this unit?**

	MCA	MOCP	Rec Breaker
SVZ-KP12NA	9	16	15
SVZ-KP18NA	14	24	15
SVZ-KP24NA	17	31	20
SVZ-KP30NA	17	31	20
SVZ-KP36NA	17	31	20

17. **What set up is required for the electric heat kit?**

The kit is a simple “plug & play” design to the indoor unit. The control of the heat strip is built into the logic of the air handler and will only be used to provide additional comfort or if back up heat becomes necessary.

18. **What are the line set length maximums?**

12K up to 65' / 18K-36K up to 100'

19. **Are the systems “pre-charged”?**

These systems are pre-charged for 25 feet of line set saving time during installation.

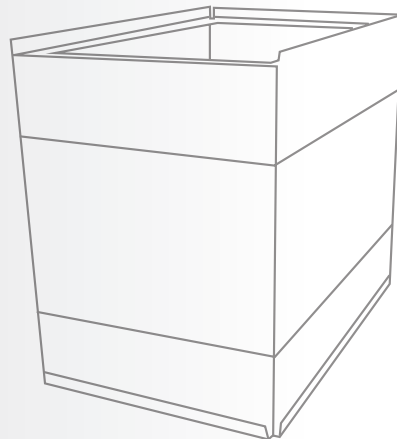
## **COLUMBIA** HVAC SHEET METAL & SPECIALTY PRODUCTS

Make your installations quick & easy with labor saving Columbia products while providing a clean and professional appearance. Standard sizes and easy connections make the 'CAP' product group a perfect fit for saving time in the shop and on the job site.



### **Base Cans**

- Supply or return air, flows through the Base Can
- 'Slide in place' flange design allows unit to easily slide onto Base Can
- Knockdown construction for easier storage and handling
- Sturdy 24 ga. construction with Snap-Lock seam
- Wide assortment of heights stocked
- Available with or without 2" insulation
- Includes 1" Slip Cap
- Ready to assemble three piece construction with strengthening beads



### **Plenums**

- Designed to carry air to and from an Air Handler
- Snap lock seam
- Sturdy 26 ga. construction
- Three piece construction
- Hemmed Furnace flange, 1/2" out
- Strengthening beads
- 1" slip cap included





## GENSCO TECH SUPPORT LINE

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for assistance,  
please call  
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### RICK CUMMINS

Tacoma, WA  
(206) 261-9187  
rcummins@gensco.com

### JONATHAN NORDENSSON

Everett, WA  
(425) 366-2296  
jnordensson@gensco.com

### CHRIS LUCIANO

Spokane, WA  
(509) 309-5345  
cluciano@gensco.com

### KYLE BAYLEY

Portland, OR  
(971) 337-5749  
kbayley@gensco.com

### DAVID WOOD

Portland, OR  
(503) 575-8377  
dwood@gensco.com

### AARON LARSON

Boise, ID  
(208) 489-3128  
alarson@gensco.com

### MONTE GAB

Portland, OR  
(503) 335-2242  
mgab@gensco.com

SUPPORT TEAM – [mitsusupportteam@gensco.com](mailto:mitsusupportteam@gensco.com)

# GENSCO

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**STOCKROOM LABELS**  
Let Gensco help you organize your  
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The screenshot displays the Gensco Customer website interface. At the top, there is a navigation bar with links for HOME, MY ACCOUNT, WARRANTY, MARKETING, PRODUCT RESOURCES, and TRAINING. A search bar is present with the text "Search by Keyword or Item #". The main content area features a product page for "Single Zone Ducted A/H MP IDU 12k BTU" by Mitsubishi. The product is shown in a vertical cabinet style. To the right of the product image, there is a product description, a "Package Quantity: 1" indicator, and a "Required Items" section listing "MHP SUZKA12NAR1 HP Universal ODU 12K BTU" for \$1,431.00/EA. Below the main product, there are sections for "Accessories" and "Frequently Bought Together", each displaying several related products with their own images and prices. At the bottom of the website, there is a "Branch Locations" section listing various cities and a "Contact Us" section with links for Commercial Support, Technical Support, IT Support, Login Help, Sales and Marketing Support, and Warranty Support. A mobile app interface is overlaid on the right side of the screenshot, showing a search for "Mitsubishi FH" and a list of search results for various Mitsubishi Hyper Heat IDU models, including their prices and stock status.