

ZSX series

For more details go to P32 & 33 »



White(-WF),
Black & White(-WFB),
Titanium(-WFT)

Elegant & timeless design



ZSX series White(-WF)

Smart Control

Be in full control of your air-conditioner at anytime, from anywhere. Simply install the Smart M-Air app on your smartphone to enjoy seamless remote operation.



Functions

- 1 ON/OFF
- 2 Operation modes
- 3 Set point
- 4 Timers
- 5 Favourite setting

Notifications

- 1 Shut-off reminder alert
- 2 Hi temp / low temp alert
- 3 Home Leave Mode
- 4 Watching function



Search for "Smart M-Air" from the GooglePlay™ store for Android™ and AppStore for iPhone.

Please check the app stores for the latest supported OS version information

For ZT Series

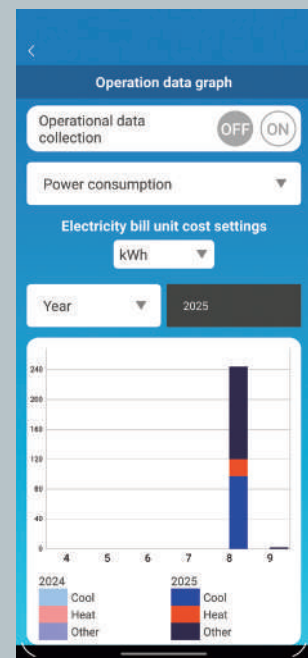
New easy to read charts

The new charts are simple for users to read, using simple charts to show various data. Users can request to view a single Day/Month/Year, enabling users to make adjustments as needed.

- 1 **Energy Consumption**
(Bar Graph, Stacked)
- 2 **Efficiency (COP)**
(Line Graph) categorized by Mode
- 3 **Heating / Cooling Capacity**
(Bar Graph) categorized by Mode
- 4 **Outdoor Temperature Indoor Temperature Set Temperature**
(Line Graph) categorized by Mode

CSV export of the following data is available

1. Power consumption (Unit: kWh)
2. Efficiency (COP)
3. Heating / Cooling capacity (Unit: kWh)
4. Outdoor temperature (Unit: °C or °F)
5. Operating mode (Cooling, Heating, others)
6. Set temperature, Indoor temperature (Unit: °C or °F)



Voice Control Function

Smart Speaker



Alexa,
Turn on the
"LIVING ROOM"

Alexa,
Turn off the
"LIVING ROOM"

OK Google,
Turn down the
temperature in the
"LIVING ROOM"

Take control of your MHI air-conditioners effortlessly! Use the Smart M-Air app and any compatible smart speaker to control your ambient temperature with just your voice.

Amazon Alexa™

- 1 Air-conditioner ON/OFF
- 2 Changing operating mode (auto/cool/heat)
- 3 Change set temperature
- 4 Checking operating condition of air-conditioners
- 5 Detect (*1*2*3) air-conditioner, etc.

Google Assistant™

- 1 Air-conditioner ON/OFF
- 2 Changing operating mode (auto/cool/heat/fan/dry)
- 3 Change set temperature
- 4 Checking operating condition of air-conditioner
- 5 Synchronize (*1*2*3) air-conditioner, etc.

*1 Air-conditioners added by the Smart M-Air smartphone application can now be used on smart speaker.
*2 Support function may be expanded in the future. For the latest support, go to the Smart M-Air skill overview page in the smart speaker settings application.
*3 An example of voice command is when you set the air-conditioner name to "LIVING ROOM" in the "Smart M-Air" smartphone application or the smart speaker setting application. Replace " " with the name of the air-conditioner you set.
*4 For the voice command example for Google Assistant™ Please refer to our manuals.

The voice control function is currently available only in English for Google Assistant™.
For Amazon Alexa™, the function is available in English for the following countries.
Australia / New Zealand / United Kingdom / Ireland / Singapore / Iceland / Albania / Estonia / Cyprus / Greece / Croatia / Sweden / Slovakia / Slovenia / Czech Republic / Denmark / Norway / Hungary / Finland / Bulgaria / Poland / Bosnia and Herzegovina / Portugal / Malta / Montenegro / Latvia / Lithuania / Romania
For availability in other regions, please consult your installer.
*For some models, the wireless control system may not be applicable.

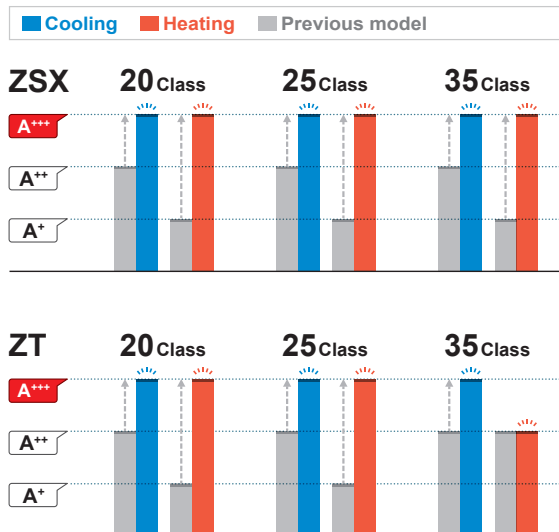
Advanced Technology in MHI Residential Air Conditioners Performance & Technology

Many design changes and engineering developments have taken place in order to improve the energy efficiencies in our products.

High Efficient Performance

Mitsubishi Heavy Industries Thermal System's product ZSX and ZT series have a seasonal SEER/SCOP performance which boosts energy ratings from classes A+ to A+++.

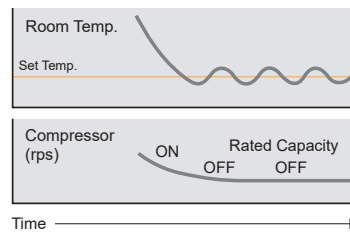
High Energy Performance (SEER/SCOP) and Class



DC PAM Inverter

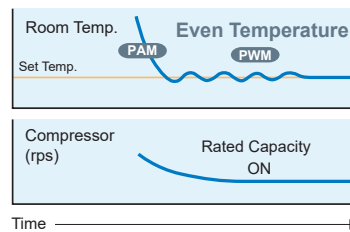
Experience the cutting-edge Pulse Amplitude Modulation (PAM) inverter technology. Air-conditioners equipped with this system deliver robust heating and cooling performance, swiftly achieving your desired temperature. The finely controlled compressor speed ensures both comfort and energy efficiency.

Conventional inverter



Less advanced technology does not address the ON/OFF cycles issue.

DC PAM inverter



Utmost comfort and energy efficiency achieved with large output power and control optimization.

DC Twin Rotary Compressor

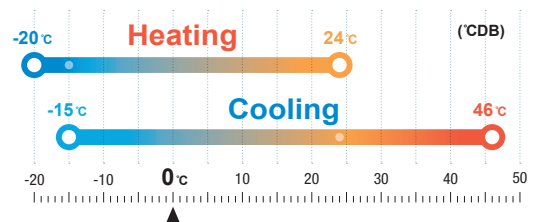
Introducing our well-established and dependable DC twin rotary compressor technology. Designed for optimal performance, it ensures low noise, minimal vibration, and high efficiency across an extensive range of operating conditions.



Featured on all models of ZSX series

Wide Range of Operation

SR series air-conditioners are designed to thrive in challenging environmental conditions. The ZSX series can operate efficiently in extreme temperatures, as low as -20°C in heating mode and up to 46°C in cooling mode. Whether you need to keep your smallest bedroom cozy or cool down a large entertainment area, the ZSX series has you covered.



* For the capacities under low temperature conditions, refer to technical manual.

Latest Technologies (ZSX series)

[Outdoor unit]

Propeller fan

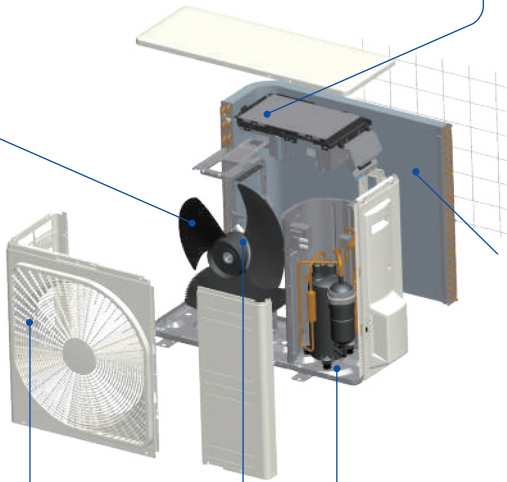
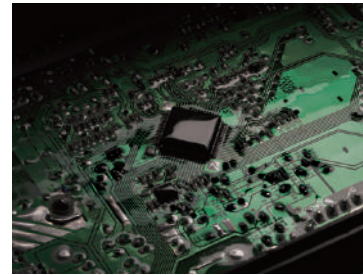
Meticulously designed with blade serrations for whisper-quiet operation without compromising performance. Experience the perfect blend of efficiency and comfort.



Serrated fan blade

Coated PCB (Printed Wiring Board)

The coated Printed Wiring Board is designed to withstand the elements, it ensures longevity and reliable performance thanks to improved tolerance to humidity.

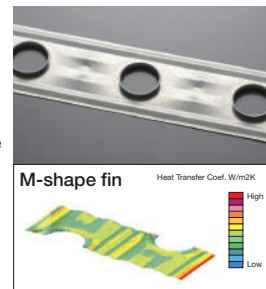


Fan grille

Innovative grille design that not only enhances airflow efficiency, but also reduces noise levels.

Heat exchanger

M-shape fins strike the perfect balance between heat transfer and airflow resistance, ensuring top-notch performance in diverse climate.



DC Fan Motor

Cutting-edge DC fan motors which deliver exceptional efficiency and impressive power. These DC motors consume less power compared to traditional AC motors.

Corrosion resistance

The base panel made from hot-dipped sheet steel, boasts exceptional corrosion resistance and remarkable scratch resilience.



Three Sensors

Control of room temperature and humidity is very important for people to live a comfortable life. Use of three sensors to control indoor temperature, indoor humidity and outdoor temperature enable unit to obtain optimum air-conditioning.



Sensor for indoor temperature and humidity

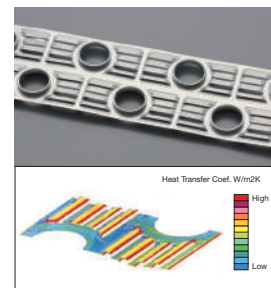


Sensor for outdoor temperature

[Indoor unit]

Heat exchanger

Our optimal combination of fin configuration and copper tube has maximised airflow volume without expanding indoor unit's size in width. Compared with previous models, the heat exchanger efficiency rate has drastically improved by 33%. The fin can maximise airflow volume and save energy simultaneously.

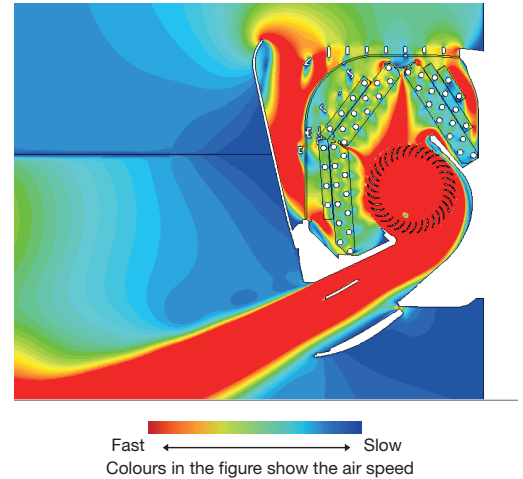
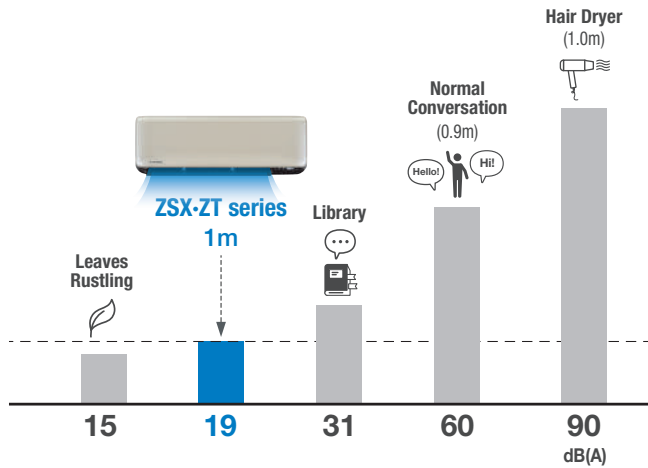


AIR FLOW



Jet Air Technology

CFD (Computational Fluid Dynamics), commonly used for precision jet engine blade design, has now transformed air-conditioning. Our cutting-edge indoor air distribution system ensures very quiet operation and unparalleled energy efficiency across diverse indoor spaces.



Long Reach Air Flow

Long reach air flow is achieved by jet air technology. Good for large living rooms and shops, which increases comfort.



Double Flap

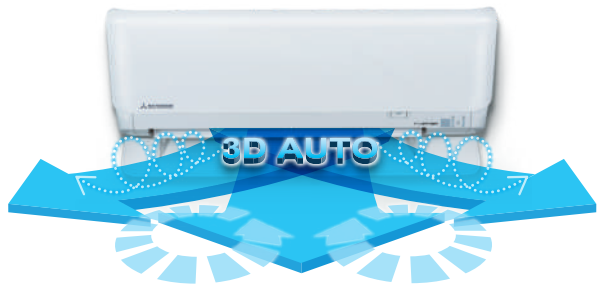
Comfort temperature is achieved by using the double flap system which optimises the air flow. This is also capable of producing horizontal and long reaching air flow in cooling operation, and strong and downward air flow in heating operation.





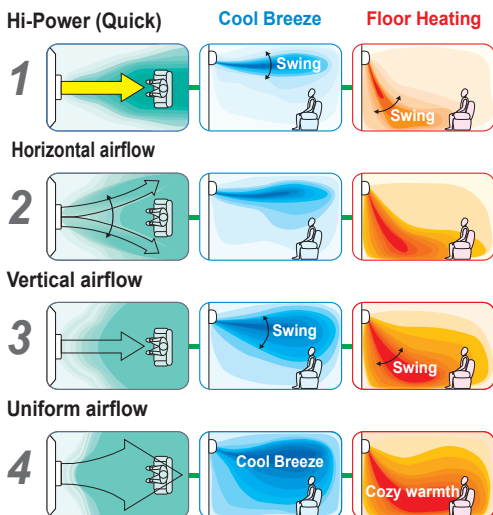
3D AUTO

Experience effortless comfort with 3D AUTO technology. With a simple tap on the remote control, it springs into action, with an uniform air distribution. Our intelligent logic takes over, fine-tuning airflow direction and intensity for optimal comfort. In cooling mode, a refreshing breeze cascades from above, while in heating mode, cozy warmth envelops the entire floor.



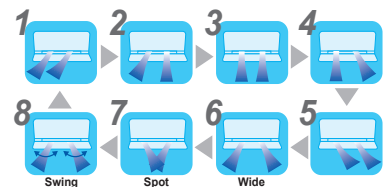
Programmed air distribution

3D Auto logic



Horizontal swings in 8 directions

The airflow direction from the right and left louvers can be controlled individually. Eight different air flow patterns can be selected.



Adjustable air inlet panel

Minimisation of air resistance is achieved by incorporating a movable air inlet panel of advanced design.



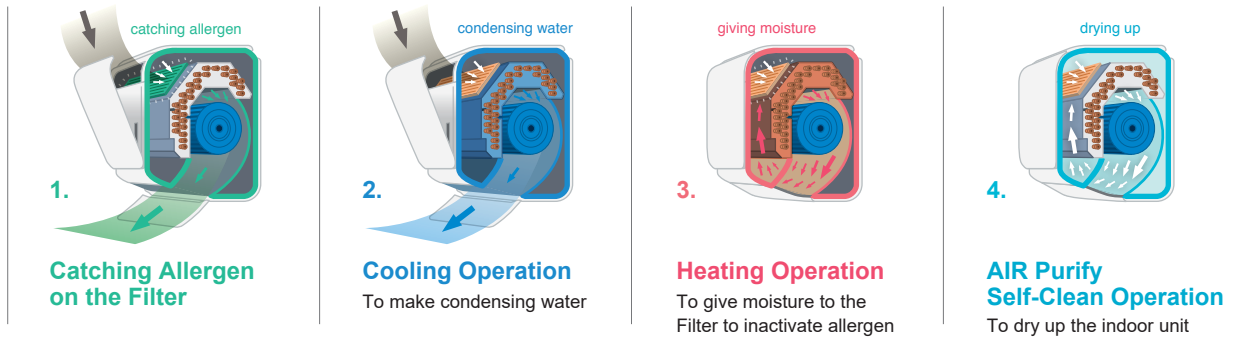
* This page mainly describes the ZSX series.

AIR QUALITY



Allergen Clear Operation

This can be activated by pressing the “allergen” button on the remote control and lasts 90 minutes before stopping automatically. It neutralises the bacteria collected on the surface of the anti-allergenic filter thanks to its sophisticated interaction between temperature and humidity controls.



Self Clean Operation

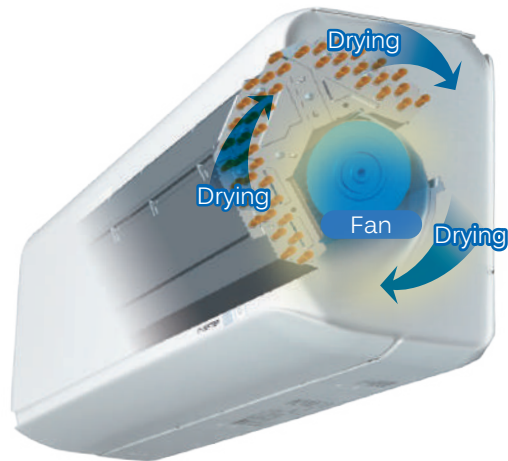
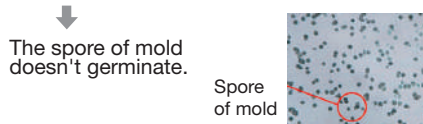
Activate the self-clean operation and the indoor unit dries up with closed flaps, preventing mold growth.

Situation of mold after one week

Without “Self Clean Operation”



With “Self Clean Operation”



Allergen Clear Filter

Enzyme + Urea deactivates allergens and bacteria



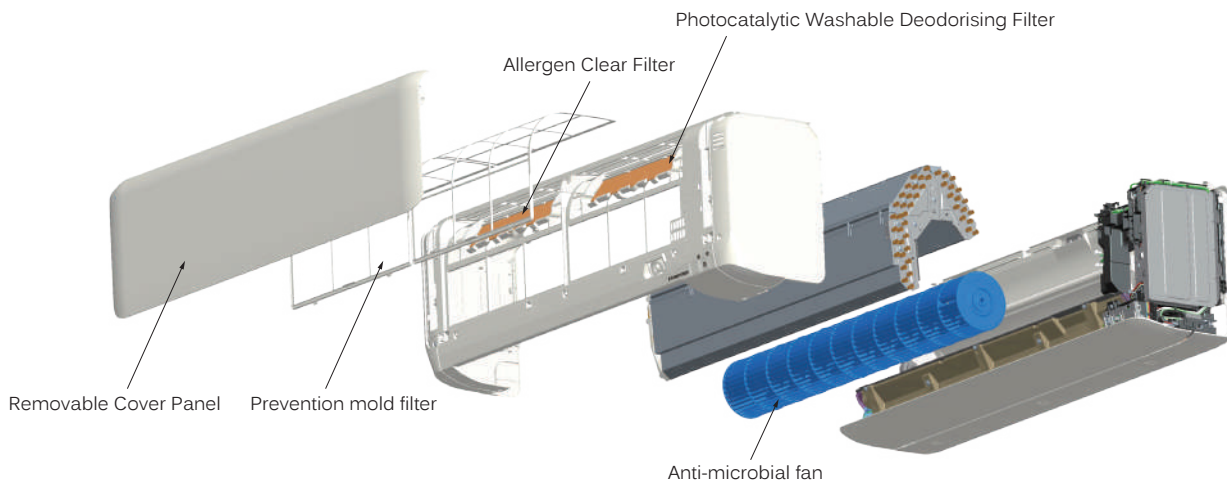
The allergen clear filter breaks down the pollen¹, lice¹, and allergens that live on cat skins, etc. and deactivates them. The secret of deactivation is the Enzyme-urea compound. It deactivates not only allergens but also all kinds of bacteria², molds and viruses³. Even if allergens and bacteria, etc. fly of the filter, they are deactivated, so the air in your room is kept fresh.

*1 Test method:
ELISA colorimetric method Laboratory:
Independent administrative agency
national hospital mechanism Sagamihara
Hospital, No.1536

*2 Test method:
ELISA colorimetric method / ELISA
fluorescent method Laboratory:
Independent administrative agency
national hospital mechanism Sagamihara
Hospital, No.1536

*3 Test method:
TCID (Infection value 50%) Laboratory:
Foundation of Kitazato Environmental
Science Center, No.15-0145

Structure of Preventing Dirt



Always keeping the indoor unit clean

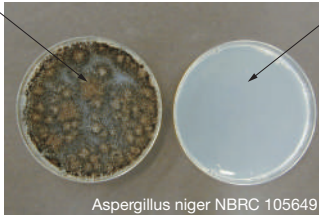
The fan has undergone anti-microbial treatment to resist mold and germs, making the system clean and safe. This prevents foul odours, molds, etc. which can occur when an air-conditioning system is not in operation.

(Compatible with all wall mounted type units.)


- Efficacy of "Anti-microbial"

Testing Authority: Japan Food Analysis Center
 Test Report No. : 17067139001 - 0301
 JIS Z 2801 Antimicrobial Products - Test for Antimicrobial Activity and Efficacy
 Test Report No. : 17067139001 - 0501
 JIS Z 2911 Methods of Test for Fungus Resistance
 Tests were conducted with reference to the antimicrobial strength tests as follows Delere.

without Anti-microbial



with Anti-microbial



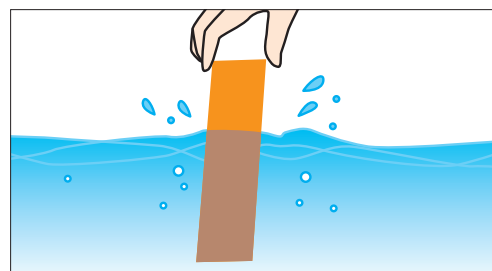
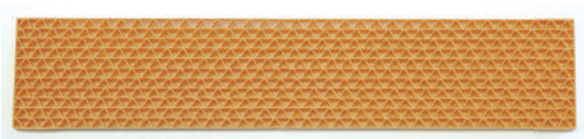
Aspergillus niger NBRC 105649

Comparison of growth of bacteria and mold on fan surfaces (microscopic image)

Tests conducted at the Mitsubishi Heavy Industries Nagoya Research Lab, 24 hours after contact with bacteria, cultured on agar media.

Photocatalytic Washable Deodorising Filter

The deodorising power can be restored by washing with water and drying in the sun, as such it is a recyclable deodorising filter capable of repeat use.



Used in models

Filter	Indoor Unit	SRK-ZSX	SRK-ZR	SRK-ZT	SRK-ZTL
Allergen Clear Filter		1pc	1pc	1pc	1pc
Photocatalytic Washable Deodorising Filter		1pc	1pc	1pc	-

* This page mainly describes the ZSX series.

ENERGY SAVING / COMFORT



Eco Operation

This control is a smart energy-saving feature that detects human activity using a motion sensor. The air-conditioner adjusts cooling/heating setpoint up to +/- 3°C based on human activity. It saves energy during low activity, while it optimizes operation when detecting high activity. Plus, when the room is empty, it automatically reduces capacity after 15 minutes, returning to normal when people return.

Cooling



It is set to moderate operation when there is little movement in the room.

Heating



It is set to moderate operation when there is a volume of movement in the room.

Stand-by mode

Our air-conditioners automatically enters 'stand-by' mode after 1 hour of inactivity. It reactivates when human activity is detected within 12 hours, or turns off completely after 12 hours of absence.

*Can also be set to turn OFF after two hours.

Absent



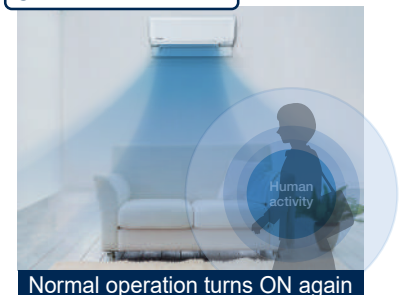
It suppresses the power when there is nobody present in the room.

After 1-hour



You do not need to worry, even if you forget to turn off the power. Air-conditioner stops until human activity is detected.

Come back to room



Automatically operates in the preset mode if you return to the room within twelve hours.

Fuzzy Auto Mode

Experience optimal comfort with our smart climate control system. Our temperature and humidity sensors continuously monitor room conditions, while the unit automatically adjusts the operation mode and temperature settings for maximum efficiency. With fuzzy auto mode, you'll stay comfortable even as weather conditions fluctuate.



High Power Operation

Cooling & heating operation

Experience instant relief with our High Power Operation mode. Whether you're returning home on a scorching summer day or on a chilly winter day, our air-conditioner provides a refreshing burst of coolness or cozy warmth, ensuring you feel great right away. Plus, it is smart enough to revert to your preferred mode after 15 minutes, ensuring optimal comfort without excessive cooling or heating.

Silent Operation

Silent mode ensures a peaceful environment. Whether you're working, relaxing, or sleeping, our air-conditioner operates at 3dB(A) lower than standard nominal level (45dB(A) or less).



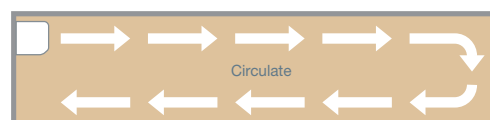
Night Setback

During cold seasons or chilly weather, the night setback operation allows to maintain room temperatures at a cozy 10°C, even when the room is unoccupied or when you're away from home.



Fireplace Function

By continuing to operate the indoor fan when the room temperature is stabilized, the warm air accumulated in the ceiling is circulated to the room.



* This page mainly describes the ZSX series.

TIMER / CONVENIENCE

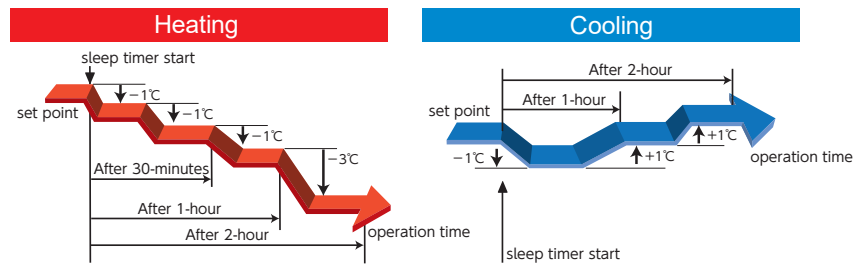
Weekly Timer

Set specific times for your air-conditioner to turn on and off automatically. Wake up to a cozy home in winter or return to refreshing coolness after a long day. By programming your air-conditioner's schedule, you'll reduce energy consumption.

Up to 4 timer programs can be created for each day of the week, allowing a maximum of 28 programs per week.

Sleep Timer

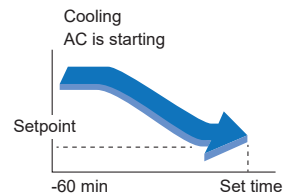
This function ensures optimal comfort during rest by adjusting cooling or heating capacity. It also allows to save energy without excessive temperature change.



Comfort start-up

Its time to experience perfectly timed cooling and warmth. Air conditioner controls room temperature to achieve comfort at the "set time" by 60-minutes pre-operation.

In ON-TIMER operation, the unit starts the operation a little earlier, so that the room can approach optimum temperature at ON time.



Preset Operation

With our advanced technology, you can save your preferred settings for future use. Whether it's the operation mode, temperature, fan speed, or airflow direction, we've got you covered. No more adjusting settings every time you turn on the air-conditioner.

Simply activate your personalized presets, and let the magic happen.

LED Brightness Adjustment

Our air-conditioner's LED display adapts to your preference. Whether you prefer a bright, subtle glow or no indicator, you're in control. Simply set it to match your mood and enjoy a personalized experience. (ZSX,ZT,ZTL)



Long Piping Length

With ZSX series, you are not limited by distance. Enjoy up to 30 meters of piping length, giving you the freedom to design your AC system exactly as you envision. Our compact outdoor unit fits seamlessly into small installation spaces. It can discreetly blend in while delivering powerful performance.



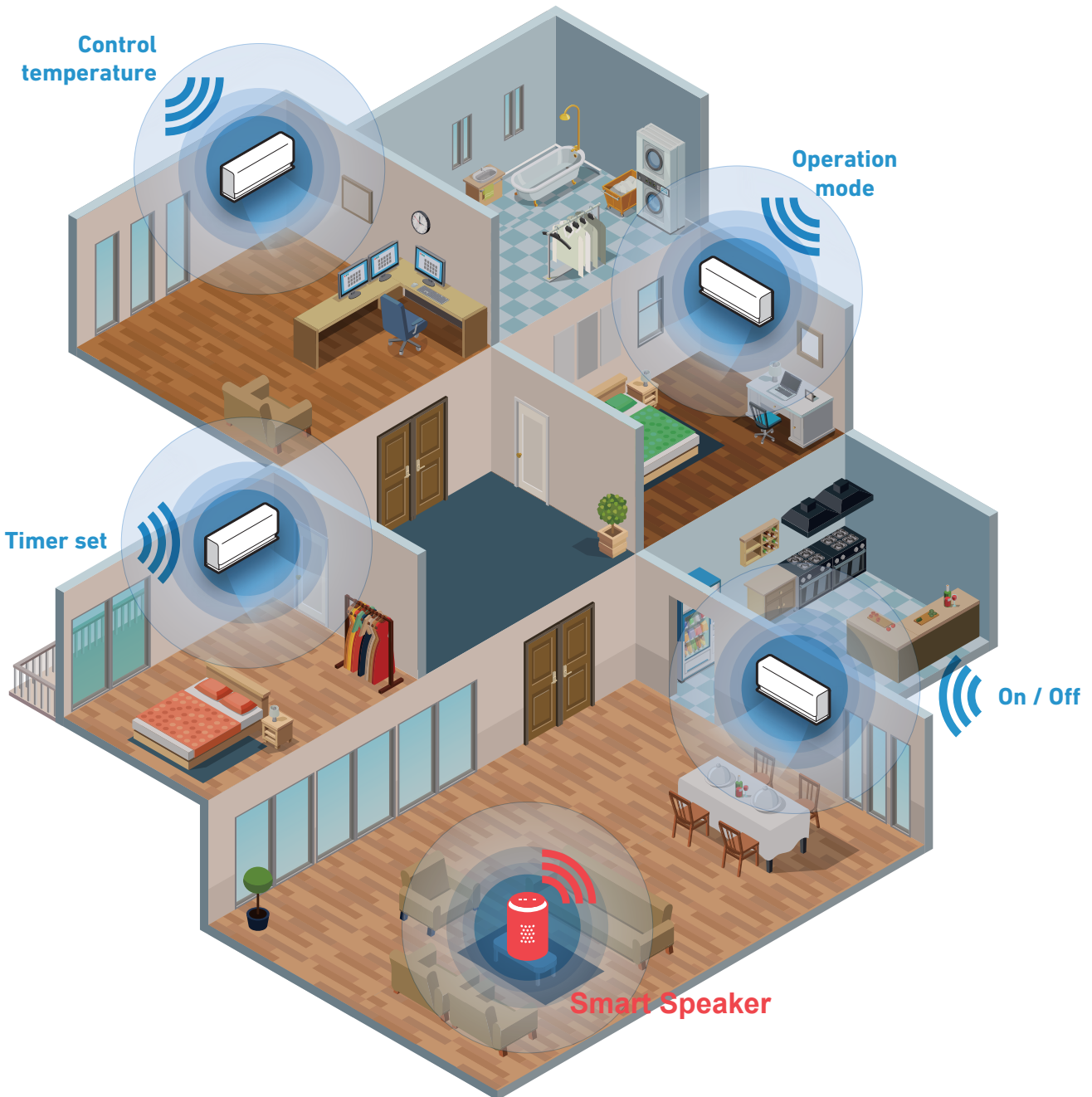
CONVENIENCE



Wireless Control System

Control your air-conditioner from anywhere, anytime

Turn it on while you're out, and arrive home to perfect comfort. Forgot to switch it off? No worries! Just tap your phone, and it's done. Whether you're at work, shopping, or exploring, your air-conditioner awaits your command.



WIRELESS CONTROL SYSTEM

Take control of your air-conditioner anytime, anywhere with the Smart M-Air app. Simply install it on your smartphone or tablet, and enjoy seamless remote operation.



Search for "Smart M-Air" from the Google Play™ store for Android™ and App Store for iPhone.



Please check the app stores for the latest supported OS version information

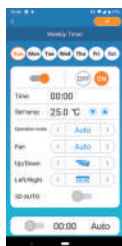


Functions

- 1 ON/OFF
- 2 Operation modes
- 3 Set point
- 4 Timers
- 5 Favourite setting

Notifications

- 1 Shut-off reminder alert
- 2 Hi temp / low temp alert
- 3 Home Leave Mode
- 4 Watching function



Weekly Timer

This function allows you to set up to six different configurations per day, including operation mode, temperature, airflow direction, and speed.



Home Leave Mode

When the room temperature falls below or rises above the Home Leave set temperature, the system kicks in to maintain a comfortable indoor environment.



Vacant Property Mode

When a property is vacant for a period of time, the temperature settings can be adjusted to maintain a pleasant atmosphere:
 - Cooling 31°C to 33°C
 - Heating 10°C to 17°C"



Electricity Bill Graph

Keep an eye on your energy usage and visualize your monthly electricity bill with our intuitive graphs. Stay in control and make informed decision.

Wireless LAN Built-in model



Applicable products

Built-in

- 1 SRK-ZSX -WF/-WFB/-WFT
- 2 SRK-ZR -WF
- 3 SRK-ZS -WF/-WFB/-WFT
- 4 SRK-ZT -WF/-WFB/-WFT
- 5 SRK-ZTL -W

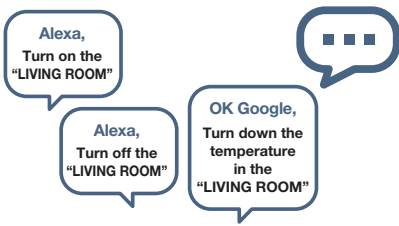
Optional

- 1 SRK-ZSX -W/-WB/-WT/-S
- 2 SRK-ZR -W/-S
- 3 SRK-ZS -W/-WB/-WT
- 4 SRK-ZS -S/-SB/-ST

Model :WF-RAC



* For the units that does not include wireless LAN the function could be used by adopting an option (WF-RAC)



Voice control function

Take charge of your MHI air-conditioners effortlessly! Use the Smart M-Air app and any compatible smart speaker to control your ambient temperature with just your voice.

Amazon Alexa™

Functions

- 1 Air-conditioner ON/OFF
- 2 Changing operating mode (auto/cool/heat)
- 3 Change set temperature
- 4 Checking operating condition of air-conditioners
- 5 Detect (*1*2*3) air-conditioner, etc.



Smart Speaker

Google Assistant™

Functions

- 1 Air-conditioner ON/OFF
- 2 Changing operating mode (auto/cool/heat/fan/dry)
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Voice command example for Amazon Alexa™ *4

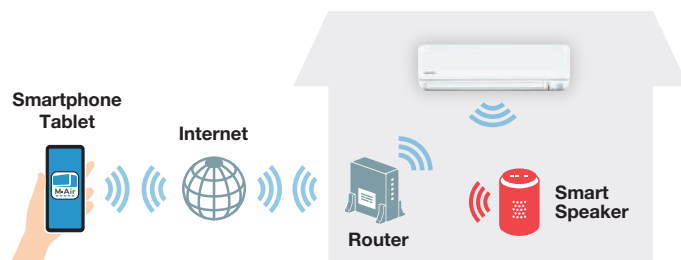
Air-conditioner operation	Voice command example
Start operation (Stop)	Alexa, turn on the "LIVING ROOM" (turn off)
Turn on cooling (Turn on heating)	Alexa, set the "LIVING ROOM" to cool (to heat)
Increase the temperature by 1 degree Celsius (Lower)	Alexa, increase the temperature in the "LIVING ROOM" (lower)
Increase the temperature by 2 degrees Celsius (Lower)	Alexa, increase the temperature in the "LIVING ROOM" by 2 degrees (lower)
Set temperature to 24 degrees Celsius	Alexa, set the "LIVING ROOM" temperature to 24 degrees
Respond with the operating mode	Alexa, tell me the operating mode of the "LIVING ROOM"

Air-conditioner operation	Voice command example
Respond with the set temperature	Alexa, what degrees is the "LIVING ROOM" set to
Respond with the room temperature	Alexa, what is the "LIVING ROOM" temperature
Detect added air-conditioners	Alexa, detect device

*1 Air-conditioners added by the Smart M-Air smartphone application can now be used on smart speaker.
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 *3 An example of voice command is when you set the air-conditioner name to "LIVING ROOM" in the "Smart M-Air" smartphone application or the smart speaker setting application. Replace " " with the name of the air-conditioner you set.
 *4 For the voice command example for Google Assistant™ Please refer to our manuals.

- The voice control function is currently available only in English for Google Assistant™. For Amazon Alexa™, the function is available in English for the following countries. Australia/New Zealand/United Kingdom/Ireland/Singapore/Iceland/Albania/Estonia/Cyprus/Greece/Croatia/Sweden/Slovakia/Slovenia/Czech Republic/Denmark/Norway/Hungary/Finland/Bulgaria/Poland/Bosnia and Herzegovina/Portugal/Malta/Montenegro/Latvia/Lithuania/Romania For availability in other regions, please consult your installer.
- For some models, the wireless control system may not be applicable.

System configuration



*SC-BIKN2-E cannot be used simultaneously for system configuration.

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 App Store and iPhone are registered trademark of Apple Inc.
 Google Play and the Google Play logo are trademarks of Google LLC.

Amazon, Echo, and Alexa are trademarks of Amazon.com, Inc or its affiliates.

Google, Google Home, Android, Google Play, Google Assistant, and Google Nest are trademarks of Google LLC.

Other company and product names mentioned are trademarks or registered trademarks of their respective companies.

FUNCTIONS

Energy saving



Fuzzy Auto Mode

Using fuzzy logic algorithms, the unit determines the operating mode and temperature settings automatically and adjusts the inverter frequency.



Motion Sensor

This sensor detects human activity and shifts the temperature setting according to the amount of activity in the room.



Eco Operation

Room temperature and humidity are monitored to automatically control the operation. When paired with the motion sensor, the system enables an energy saving mode while maintaining comfort.



Auto Off

Stops the operation automatically when there is no activity detected in the room for a certain period.



Economy Mode

The unit will operate in energy saving mode in order to avoid excessive heating and cooling.

Air flow



Jet Air Technology

Air flow is regulated using the same blade technology as that in jet engines which produces a powerful yet efficient air flow.



3D Auto

This one touch program will activate the three independent motors to evenly distribute air flow and create optimum heating and cooling conditions.



Auto Flap Mode

Depending on the operating mode, the unit will automatically set the position of the flaps at the optimal angle.



Memory Louver

On the next start-up the louver returns to the same position that it was when the operation last stopped.



Vertical Auto Swing

Louvers swing up and down continuously and can be set at a fixed angle.



Horizontal Auto Swing

Louvers swing right and left continuously and can be set at a fixed angle.



Draft Prevention Setting

Provides a comfortable air flow without any draft feeling. Whether cooling or heating a room, the remote control can be used to instantly suppress any warm or cool drafts.

Clean Operation & Filter



Allergen Clear Operation

Suppress the influence of the allergens caught by the Allergen Clear Filter by controlling the temperature and humidity. Enzymes are used to suppress the influence of the allergens caught during everyday operation.



Self-Clean Operation

Self clean mode dries the indoor unit and filter, preventing the growth of mould. This runs for 2 hours after the unit has been switched off.



Allergen Clear Filter

The filter breaks down the pollen, lice, and all allergens that live on cat skins, etc. and deactivates them.



Photocatalytic Washable Deodorising Filter

This easy to clean filter that catches airborne allergens and particles before neutralising odour causing bacteria within them.



Removable Cover Panel

With an easy to remove front panel, cleaning and maintenance of the indoor unit is quicker and easier than ever.

Comfort



Dry Operation

During dry operation the unit will act as a dehumidifier to remove moisture from the air.



High Power Operation

Use the high power function to quickly reach your optimum temperature level when you first turn on the unit. This function will operate for a maximum of 15 minutes before returning to normal operation.



Silent Operation

This function allows you to program periods where the unit will operate with reduced noise levels and is ideal for temperature control during the night.



Night Setback

Designed for cold season, this ensures the room temperature is kept at around 10°C, even while unoccupied.



Fireplace Function

By continuing to operate the indoor fan when the room temperature is stabilized, the warm air accumulated in the ceiling is circulated to the room.

Timer



Weekly Timer

Set your unit to turn on and off automatically on a weekly basis to suit your usual room usage on each day.



24-hour On/Off Programmable Timer

By combining the ON and OFF timers, the system starts and stops at the specified times a day.



Sleep Timer

The room temperature is automatically controlled during the set sleep mode period, ensuring that room temperature will not get too cold or too hot.



On/Off Timer

This timer allows the unit to be set to turn ON or OFF automatically once within a 24 hour period.

Convenience



Comfort Start-up

With the ON-TIMER function, the unit will switch on earlier than the SET time, to ensure the optimum temperature is reached at the ON TIME.



Preset Operation

The desired preset operation mode can be enabled with a single touch of a button.



Child Lock

Lock the remote control to prevent child from tampering with the remote control.



LED Brightness Adjustment

The unit has an adjustable LED brightness display for minimal disturbance during night operation.



Positioning of Installation

This allows you to manually set the air flow direction when the unit is installed against a wall.



Wireless Control System

You can control the air-conditioner at home or on the go by installing Smart M-Air app on your smartphone or tablet.

Others



Microcomputer-Operated Defrosting

This mode is automatically activated during low ambient temperatures to prevent the frosting of the outdoor heat exchanger and maintains heating efficiency.



Self Diagnostics

The internal microcomputer automatically runs a diagnostic of the system in the event of a malfunction. This enables your authorised dealer to isolate and repair any issues.



Auto Restart Function

If there is a temporary loss of power, when power is restored, the unit will automatically restart in the same operating mode it was in.



Back-up Switch

If the remote control fails, the unit can be operated via an on/off switch on the indoor unit.

		ZSX	ZR	ZT	ZS-S	ZTL	ZSP	SRF	SRR	FDTC ^{*3}	SKIM	FDUM ^{*3}	FDE ^{*3}
Energy saving	Fuzzy Auto Mode	●	●	●	●	●	●	●	●	●	●	●	●
	Motion Sensor	●							● ^{*4} option		● option	● option	
	Eco Operation	●							● ^{*4} option		● option	● option	
	Auto Off	●							● ^{*4} option		● option	● option	
	Economy Mode		●	●	●	●	●	●	●		●		
Air flow	Jet Air Technology	●	●	●	●	●				●			
	3D Auto	●	●	●	●	●							
	Auto Flap Mode	●	●	●	●	●	●		●	●		●	
	Memory Louver	●	●	●	●	●	●		●	●		●	
	Vertical Auto Swing	●	●	●	●	●	●		●	●		●	
	Horizontal Auto Swing	●	●	●	●	●							
	Draft Prevention Setting								● ^{*4} option				
Clean operation & Filter	Allergen Clear Operation ^{*1}	●	●	●	●	●							
	Self Clean Operation	●	●	●	●	●	●	●		●			
	Allergen Clear Filter	●	●	●	●	●		●					
	Photocatalytic Washable Deodorising Filter	●	●	●	●			●					
	Removable Cover Panel	●	●	●	●	●	●						
Comfort	Dry Operation	●	●	●	●	●	●	●	●	●	●	●	●
	High Power Operation	●	●	●	●	●	●	●	●	●	●	●	●
	Silent Operation ^{*2}	●	●	●	●	●		●	●				
	Night Setback	●	●	●	●	●		●	●				
	Fireplace Function	●		●	●	●							
Timer	Weekly Timer	●	●	● ^{*5}	●	● ^{*5}		●	●	●		●	●
	24-hour On/Off Programmable Timer			●		●	●				●		
	Sleep Timer	●	●	●	●	●	●	●	●	●	●	●	●
	On/Off Timer	●	●	●	●	●	●	●	●	●	●	●	●
Convenience	Comfort Start-up	●	●	●	●	●	●	●	●	●	●	●	●
	Preset Operation	●		●	●	●		●	●				
	Child Lock	●	●	●	●	●		●	●				
	LED Brightness Adjustment	●		●	●	●							
	Positioning of Installation	●	●	●	●	●							
	Wireless Control System	● ^{*6}	● ^{*6}	●	● ^{*6}	●							
Others	Microcomputer-Operated Defrosting	●	●	●	●	●	●	●	●	●	●	●	●
	Self-Diagnostic Function	●	●	●	●	●	●	●	●	●	●	●	●
	Auto Restart Function	●	●	●	●	●	●	●	●	●	●	●	●
	Back-up Switch	●	●	●	●	●	●	●	●		●		

*1 In case of Multi-split system, is not available. *2 It can not be used for SCM40 • 45ZS-S, SCM100 • 125ZM-S. *3 When using wired remote control (RC-EX3D). *4 FDTC-VH only *5 For the ZT and ZTL series, the "Weekly Timer" function could only be used from the application Smart M-Air. *6 -W, -S type would need an option to use the wireless function.



SINGLE-SPLIT WALL MOUNTED TYPE



SRK-ZSX-WF



SRK20,25,35,50,60ZSX-WF

Pure White(-WF)



BUILT IN WIRELESS LAN



Black & White(-WFB)



Titanium(-WFT)



Wireless remote control



SRC20,25,35ZSX-W, SRC50ZSX-W2, -W3, SRC60ZSX-W1, -W3

KEY FEATURES

The ZSX series, featuring an "Elegant Timeless Design," is ideal for small to medium-sized living spaces.

Key features include:

- High seasonal efficiency performance rated up to A+++ in cooling and heating
- Environmentally friendly with low Global Warming Potential (GWP) and high energy efficiency with refrigerant R32
- Quiet airflow and extended reach achieved through jet technology
- Available in three different colour choices for user preference
- Wireless interface control included for convenient operation

*SC-BIKN2-E cannot be used simultaneously with the Wireless LAN control system

SPECIFICATIONS

Indoor unit			SRK20ZSX-WF,-WFB,-WFT	SRK25ZSX-WF,-WFB,-WFT	SRK35ZSX-WF,-WFB,-WFT	SRK50ZSX-WF,-WFB,-WFT	SRK60ZSX-WF,-WFB,-WFT	
Outdoor unit			SRC20ZSX-W	SRC25ZSX-W	SRC35ZSX-W	SRC50ZSX-W2,-W3	SRC60ZSX-W1,-W3	
Power source			1Phase, 220 - 240V, 50Hz					
Nominal cooling capacity (Min-Max)		kW	2.0 (0.9 - 3.4)	2.5 (0.9 - 3.8)	3.5 (0.9 - 4.5)	5.0 (1.0 - 6.2)	6.1 (1.0 - 6.9)	
Nominal heating capacity (Min-Max)		kW	2.7 (0.8 - 5.5)	3.2 (0.8 - 6.0)	4.3 (0.8 - 6.8)	6.0 (0.8 - 8.2)	6.8 (0.8 - 8.8)	
Power consumption	Cooling/Heating	kW	0.31 / 0.47	0.44 / 0.59	0.74 / 0.90	1.24 / 1.36	1.71 / 1.65	
	EER/COP		6.45 / 5.74	5.68 / 5.42	4.73 / 4.78	4.03 / 4.41	3.57 / 4.12	
Max. running current		A	9	9	9	15	15	
Sound power level	Indoor	Cooling/Heating	53 / 55	55 / 56	58 / 58	59 / 62	62 / 63	
	Outdoor	Cooling/Heating	56 / 58	57 / 58	61 / 62	63 / 61	65 / 64	
Sound pressure level	Indoor	Cooling (Hi/Me/Lo/Ulo)	38 / 31 / 24 / 19	39 / 33 / 25 / 19	43 / 35 / 26 / 19	44 / 39 / 31 / 22	48 / 41 / 33 / 22	
		Heating (Hi/Me/Lo/Ulo)	38 / 33 / 25 / 19	40 / 34 / 27 / 19	42 / 35 / 28 / 19	47 / 41 / 33 / 23	47 / 42 / 34 / 23	
	Outdoor	Cooling/Heating	43 / 45	44 / 45	48 / 47	51 / 49	52 / 53	
		Air flow	Indoor	Cooling (Hi/Me/Lo/Ulo)	11.3 / 9.1 / 6.0 / 5.0	12.2 / 10.0 / 6.7 / 5.0	13.1 / 10.8 / 7.3 / 5.0	14.3 / 12.4 / 7.8 / 5.4
Exterior dimensions	Indoor	Height x Width x Depth	305 x 920 x 220					
	Outdoor	Height x Width x Depth	640 x 800(+71) x 290					
Net weight		Indoor / Outdoor	13.0 / 43.0				13.0 / 45.0	
Refrigerant	Type/GWP		R32 / 675					
	Charge	kg/TCO-Eq	1.20 / 0.810					
Refrigerant piping size		Liquid/Gas	6.35(1/4") / 9.52(3/8")					
Refrigerant line (one way) length [chargeless length]		m	Max.25 [15]					
Vertical height differences		Outdoor is higher/lower	Max.15 / Max.15					
Outdoor operating temperature range	Cooling	°CDB	-15 to 46					
	Heating		-20 to 24					
Clean filter			Allergen Clear Filter x1, Photocatalytic Washable Deodorising Filter x1					

• The data are measured under the following conditions(ISO-T1, H1). Cooling: Indoor temp. of 27°CDB, 19°CWB, and outdoor temp. of 35°CDB.

• Heating: Indoor temp. of 20°CDB, and outdoor temp. of 7°CDB, 6°CWB.

• Sound level indicates the value in an anechoic chamber. During operation these values are somewhat higher due to ambient conditions.

• 'tonne(s) of CO₂ equivalent' means a quantity of greenhouse gases- expressed as the product of the weight of the greenhouse gases in metric tonnes and of their global warming potential.



SINGLE-SPLIT WALL MOUNTED TYPE

Diamond Series

SRK-ZSX-W



SRK20,25,35,50,60ZSX-W



OPTIONAL



Wireless remote control



SRC20,25,35ZSX-W
SRC50ZSX-W2,-W3
SRC60ZSX-W1,-W3

KEY FEATURES

- High seasonal efficiency performance rated up to A+++ in cooling and heating
- Environmentally friendly with low Global Warming Potential (GWP) and high energy efficiency thanks to the R32 refrigerant
- Jet technology ensures quiet airflow and extended reach
- Allergen clear operation cleans the air using Mitsubishi Heavy Industries Thermal Systems' proprietary control scheme
- Optional wireless interface control for added convenience

SPECIFICATIONS

Indoor unit			SRK20ZSX-W	SRK25ZSX-W	SRK35ZSX-W	SRK50ZSX-W	SRK60ZSX-W		
Outdoor unit			SRC20ZSX-W	SRC25ZSX-W	SRC35ZSX-W	SRC50ZSX-W2,-W3	SRC60ZSX-W1,-W3		
Power source			1Phase, 220 - 240V, 50Hz						
Nominal cooling capacity (Min-Max)		kW	2.0 (0.9 - 3.4)	2.5 (0.9 - 3.8)	3.5 (0.9 - 4.5)	5.0 (1.0 - 6.2)	6.1 (1.0 - 6.9)		
Nominal heating capacity (Min-Max)		kW	2.7 (0.8 - 5.5)	3.2 (0.8 - 6.0)	4.3 (0.8 - 6.8)	6.0 (0.8 - 8.2)	6.8 (0.8 - 8.8)		
Power consumption		Cooling/Heating	kW	0.31 / 0.47	0.44 / 0.59	0.74 / 0.90	1.24 / 1.36	1.71 / 1.65	
EER/COP		Cooling/Heating		6.45 / 5.74	5.68 / 5.42	4.73 / 4.78	4.03 / 4.41	3.57 / 4.12	
Max. running current		A	9	9	9	15	15		
Sound power level	Indoor	Cooling/Heating	dB(A)		53 / 55	55 / 56	58 / 58	59 / 62	62 / 63
	Outdoor	Cooling/Heating	dB(A)		56 / 58	57 / 58	61 / 62	63 / 61	65 / 64
Sound pressure level	Indoor	Cooling (Hi/Me/Lo/Ulo)	dB(A)		38 / 31 / 24 / 19	39 / 33 / 25 / 19	43 / 35 / 26 / 19	44 / 39 / 31 / 22	48 / 41 / 33 / 22
		Heating (Hi/Me/Lo/Ulo)	dB(A)		38 / 33 / 25 / 19	40 / 34 / 27 / 19	42 / 35 / 28 / 19	47 / 41 / 33 / 23	47 / 42 / 34 / 23
	Outdoor	Cooling/Heating	dB(A)		43 / 45	44 / 45	48 / 47	51 / 49	52 / 53
Air flow	Indoor	Cooling (Hi/Me/Lo/Ulo)	m ³ /min		11.3 / 9.1 / 6.0 / 5.0	12.2 / 10.0 / 6.7 / 5.0	13.1 / 10.8 / 7.3 / 5.0	14.3 / 12.4 / 7.8 / 5.4	16.3 / 13.4 / 8.9 / 5.4
		Heating (Hi/Me/Lo/Ulo)	m ³ /min		12.2 / 10.3 / 7.2 / 5.4	12.8 / 11.0 / 7.8 / 5.4	13.9 / 11.8 / 8.6 / 5.4	17.3 / 14.3 / 9.8 / 6.2	17.8 / 13.7 / 10.9 / 6.2
	Outdoor	Cooling/Heating	m ³ /min		31.0 / 31.0	31.0 / 31.0	36.0 / 31.0	39.0 / 33.0	41.5 / 39.0
Exterior dimensions	Indoor	Height x Width x Depth	mm		305 x 920 x 220				
	Outdoor	Height x Width x Depth	mm		640 x 800(+71) x 290				
Net weight		Indoor / Outdoor	kg		13.0 / 43.0		13.0 / 45.0		
Refrigerant		Type/GWP			R32 / 675				
		Charge	kg/TCO:Eq		1.20 / 0.810		1.30 / 0.878		
Refrigerant piping size		Liquid/Gas	ø mm		6.35(1/4") / 9.52(3/8")				
Refrigerant line (one way) length [chargeless length]		m			Max.25 [15]				
Vertical height differences		Outdoor is higher/lower	m		Max.15 / Max.15				
Outdoor operating temperature range		Cooling	°CDB		-15 to 46				
		Heating	°CDB		-20 to 24				
Clean filter		Allergen Clear Filter x1, Photocatalytic Washable Deodorising Filter x1							

- The data are measured under the following conditions(ISO-T1, H1). Cooling: Indoor temp. of 27°CDB, 19°CWB, and outdoor temp. of 35°CDB.
- Heating: Indoor temp. of 20°CDB, and outdoor temp. of 7°CDB, 6°CWB.
- Sound level indicates the value in an anechoic chamber. During operation these values are somewhat higher due to ambient conditions.
- 'tonne(s) of CO₂ equivalent' means a quantity of greenhouse gases- expressed as the product of the weight of the greenhouse gases in metric tonnes and of their global warming potential.



SINGLE-SPLIT WALL MOUNTED TYPE



SRK-ZSX-S



SRK20,25,35,50,60ZSX-S



OPTIONAL



Wireless remote control



SRC20,25,35,50,60ZSX-S

KEY FEATURES

- Elegant timeless design
- High seasonal efficiency performance up to A+++ in cooling and heating
- Quiet air flow and extended reach achieved through jet technology
- Allergen-clear operation cleans air using Mitsubishi Heavy Industries Thermal Systems' proprietary control scheme
- Optional wireless interface control

SPECIFICATIONS

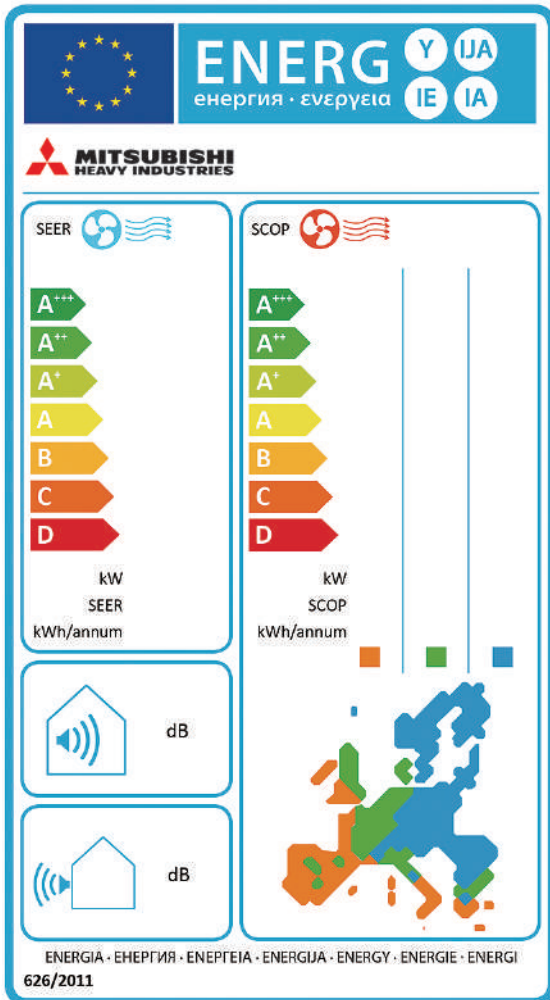
Indoor unit			SRK20ZSX-S	SRK25ZSX-S	SRK35ZSX-S	SRK50ZSX-S	SRK60ZSX-S		
Outdoor unit			SRC20ZSX-S	SRC25ZSX-S	SRC35ZSX-S	SRC50ZSX-S	SRC60ZSX-S		
Power source			1Phase, 220 - 240V, 50Hz						
Nominal cooling capacity (Min-Max)		kW	2.0 (0.9 - 3.2)	2.5 (0.9 - 3.7)	3.5 (0.9 - 4.3)	5.0 (1.0 - 5.8)	6.1 (1.0 - 6.8)		
Nominal heating capacity (Min-Max)		kW	2.7 (0.8 - 5.3)	3.2 (0.8 - 5.8)	4.3 (0.8 - 6.6)	6.0 (0.6 - 8.1)	6.8 (0.6 - 8.7)		
Power consumption		Cooling/Heating	kW		0.32 / 0.47	0.44 / 0.59	0.78 / 0.90	1.30 / 1.36	
EER/COP		Cooling/Heating	6.25 / 5.74		5.68 / 5.42	4.49 / 4.78	3.85 / 4.41	3.37 / 4.07	
Max. running current		A	9		9	15	15		
Sound power level	Indoor	Cooling/Heating	dB(A)		53 / 53	55 / 56	58 / 58	59 / 62	
	Outdoor	Cooling/Heating	56 / 58		57 / 58	61 / 62	63 / 63	65 / 64	
Sound pressure level	Indoor	Cooling (Hi/Me/Lo/Ulo)	dB(A)		38 / 31 / 24 / 19	39 / 33 / 25 / 19	43 / 35 / 26 / 19	44 / 39 / 31 / 22	
		Heating (Hi/Me/Lo/Ulo)	38 / 32 / 25 / 19		40 / 34 / 27 / 19	41 / 35 / 28 / 19	46 / 41 / 33 / 23	46 / 42 / 34 / 23	
	Outdoor	Cooling/Heating	43 / 44		44 / 45	48 / 47	50 / 49	52 / 52	
		Air flow	Indoor	Cooling (Hi/Me/Lo/Ulo)	m ³ /min		11.3 / 9.1 / 6.0 / 5.0	12.2 / 10.0 / 6.7 / 5.0	13.1 / 10.8 / 7.3 / 5.0
		Outdoor	Heating (Hi/Me/Lo/Ulo)	12.2 / 10.3 / 7.2 / 5.4		12.8 / 11.0 / 7.8 / 5.4	13.9 / 11.8 / 8.6 / 5.4	17.3 / 14.3 / 9.8 / 6.2	17.8 / 13.7 / 10.9 / 6.2
Exterior dimensions		Indoor	Height x Width x Depth		mm			305 x 920 x 220	
		Outdoor			640 x 800(+71) x 290				
Net weight		Indoor / Outdoor	kg		13.0 / 43.0		13.0 / 45.0		
Refrigerant		Type/GWP	R410A / 2088						
		Charge	kg/TCO-Eq		1.45 / 3.028		1.50 / 3.132		
Refrigerant piping size		Liquid/Gas	ø mm		6.35(1/4") / 9.52(3/8")		6.35(1/4") / 12.7(1/2")		
Refrigerant line (one way) length [chargeless length]		m	Max.25 [15]		Max.30 [15]				
Vertical height differences		Outdoor is higher/lower	m		Max.15 / Max.15		Max.20 / Max.20		
Outdoor operating temperature range		Cooling	°CDB		-15 to 46				
		Heating			-20 to 24				
Clean filter		Allergen Clear Filter x1, Photocatalytic Washable Deodorising Filter x1							

- The data are measured under the following conditions(ISO-T1, H1). Cooling: Indoor temp. of 27°CDB, 19°CWB, and outdoor temp. of 35°CDB.
- Heating: Indoor temp. of 20°CDB, and outdoor temp. of 7°CDB, 6°CWB.
- Sound level indicates the value in an anechoic chamber. During operation these values are somewhat higher due to ambient conditions.
- 'tonne(s) of CO₂ equivalent' means a quantity of greenhouse gases- expressed as the product of the weight of the greenhouse gases in metric tonnes and of their global warming potential.

ENERGY EFFICIENT AND ENVIRONMENTALLY CONSCIOUS

ENERGY LABEL – FOR EU/EEA AREA ONLY –

SEER and SCOP is defined in European regulations listed below.



No.626/2011 of 4 May 2011:
energy labeling of air-conditioners
(below cooling capacity 12kW).

No.206/2012 of 6 March 2012: requirement for air-conditioners
and comfort fans.

Seasonal efficiency is the method of rating the true efficiency of
heating and cooling products over an entire year.

Set by the EU's new regulation implementing Eco-Design
Directive for Energy related Product (ErP) which specifies the
minimum efficiency of air-conditioners manufacturers must
integrate into their products.

The Seasonal Efficiency rating system that must be used for
heating and cooling by all manufacturers are;

SEER - Seasonal Efficiency Ratio (value in cooling)

SCOP - Seasonal Coefficient of Performance (value in heating)

The rating system will indicate the true efficiency of the energy
using product at specified condition.

Employment of lead-free solder

Adapted to RoHS directive

RoHS:Restriction of Hazardous substances

In order to avoid the release of hazardous substances into
the environment, all models have utilised lead-free solder
application. It has been considered to be difficult to use lead-
free solder for practical applications because it requires higher
solder temperatures at assembly, which can jeopardize reliability.
However our PbF soldering method can produce a higher quality
lead-free printed circuit board.

Employment of **R32** **R410A**

All models use refrigerant R32 or R410A characterized by the
ozone depletion coefficient being 0.

Excellent Energy Saving

High performance and excellent energy savings are achieved
at the same time by heat exchanger's increased capacity and
employment of high efficiency DC motor.

ENERGY EFFICIENT AND ENVIRONMENTALLY CONSCIOUS

Based on European regulations listed below, please refer the following specification table.

– Single-split –

Indoor unit		SRK20ZSX-WF ^{*1}	SRK25ZSX-WF ^{*1}	SRK35ZSX-WF ^{*1}	SRK50ZSX-WF ^{*1}	SRK60ZSX-WF ^{*1}	SRK20ZSX-W	SRK25ZSX-W
Outdoor unit		SRC20ZSX-W	SRC25ZSX-W	SRC35ZSX-W	SRC50ZSX-W2,-W3	SRC60ZSX-W1,-W3	SRC20ZSX-W	SRC25ZSX-W
Energy class (cooling/heating)		A+++/A+++	A+++/A+++	A+++/A+++	A++/A++	A++/A++	A+++/A+++	A+++/A+++
SEER		10.00	10.30	9.50	8.30	7.80	10.00	10.30
SCOP (Average climate)		5.20	5.20	5.10	4.70	4.70	5.20	5.20
Pdesign (cooling/heating(@-10°C))	kW	2.00/2.80	2.50/3.00	3.50/3.40	5.00/4.50	6.10/5.20	2.00/2.80	2.50/3.00
Annual electricity consumption (cooling/heating)	kWh/a	70/754	85/808	129/934	211/1341	274/1551	70/754	85/808
Designated heating season		Average						
Indoor unit		SRK35ZSX-W	SRK50ZSX-W	SRK60ZSX-W	SRK63ZR-WF	SRK71ZR-WF	SRK80ZR-WF	SRK100ZR-WF
Outdoor unit		SRC35ZSX-W	SRC50ZSX-W2,-W3	SRC60ZSX-W1,-W3	SRC63ZR-W	SRC71ZR-W	SRC80ZR-W	FDC100VNP-W
Energy class (cooling/heating)		A+++/A+++	A++/A++	A++/A++	A++/A++	A++/A+	A++/A+	A++/A+
SEER		9.50	8.30	7.80	8.10	7.40	7.00	6.11
SCOP (Average climate)		5.10	4.70	4.70	4.70	4.50	4.40	4.14
Pdesign (cooling/heating(@-10°C))	kW	3.50/3.40	5.00/4.50	6.10/5.20	6.30/5.40	7.10/6.60	8.00/7.10	9.6/6.0
Annual electricity consumption (cooling/heating)	kWh/a	129/934	211/1341	274/1551	273/1608	337/2055	401/2259	551/2028
Designated heating season		Average						
Indoor unit		SRK63ZR-W	SRK71ZR-W	SRK80ZR-W	SRK100ZR-W	SRK20ZT-WF ^{*1}	SRK25ZT-WF ^{*1}	SRK35ZT-WF ^{*1}
Outdoor unit		SRC63ZR-W	SRC71ZR-W	SRC80ZR-W	FDC100VNP-W	SRC20ZT-W ^{*1}	SRC25ZT-W ^{*1}	SRC35ZT-W ^{*1}
Energy class (cooling/heating)		A++/A++	A++/A+	A++/A+	A++/A+	A+++/A+++	A+++/A+++	A+++/A+++
SEER		8.10	7.40	7.00	6.11	9.50	9.50	8.70
SCOP (Average climate)		4.70	4.50	4.40	4.14	5.10	5.10	4.90
Pdesign (cooling/heating(@-10°C))	kW	6.30/5.40	7.10/6.60	8.00/7.10	9.6/6.0	2.00/2.60	2.50/2.70	3.50/3.00
Annual electricity consumption (cooling/heating)	kWh/a	273/1608	337/2055	401/2259	551/2028	74/714	93/741	141/858
Designated heating season		Average						
Indoor unit		SRK50ZT-WF ^{*1}	SRK15ZTL-W	SRK20ZTL-W	SRK25ZTL-W	SRK35ZTL-W	SRK50ZTL-W	SRK63ZTL-W
Outdoor unit		SRC50ZT-W ^{*1}	SRC15ZTL-W	SRC20ZTL-W	SRC25ZTL-W	SRC35ZTL-W	SRC50ZTL-W	SRC63ZTL-W
Energy class (cooling/heating)		A+++/A++	A++/A+	A++/A+	A++/A++	A++/A++	A++/A+	A++/A++
SEER		7.50	6.40	6.70	6.90	6.50	6.50	7.50
SCOP (Average climate)		4.70	4.40	4.40	4.70	4.70	4.30	4.60
Pdesign (cooling/heating(@-10°C))	kW	5.00/3.80	1.50/2.30	2.00/2.40	2.50/2.70	3.50/2.80	5.00/4.00	6.30/5.30
Annual electricity consumption (cooling/heating)	kWh/a	234/1133	83/732	105/764	127/804	189/835	270/1302	295/1615
Designated heating season		Average						
Indoor unit		SRK71ZTL-W	SRK25ZSP-W1	SRK35ZSP-W1	SRK45ZSP-W1	SRK50ZSP-W1	SRF25ZS-W	SRF35ZS-W
Outdoor unit		SRC71ZTL-W	SRC25ZSP-W1	SRC35ZSP-W1	SRC45ZSP-W1	SRC50ZSP-W1	SRC25ZS-W2	SRC35ZS-W2
Energy class (cooling/heating)		A++/A+	A++/A+	A++/A+	A++/A+	A++/A+	A++/A+	A++/A++
SEER		7.10	6.90	7.30	6.40	6.30	7.40	8.10
SCOP (Average climate)		4.40	4.10	4.50	4.20	4.20	4.00	4.70
Pdesign (cooling/heating(@-10°C))	kW	7.10/6.20	2.50/2.70	3.20/2.80	4.50/3.80	5.00/3.80	2.50/2.40	3.50/2.90
Annual electricity consumption (cooling/heating)	kWh/a	351/1972	127/923	154/872	247/1266	278/1266	119/840	152/864
Designated heating season		Average						
Indoor unit		SRF50ZSX-W	SRR25ZS-W	SRR35ZS-W	SRR50ZS-W	SRR60ZS-W	FDTC25VH1	FDTC35VH1
Outdoor unit		SRC50ZSX-W2,-W3	SRC25ZS-W2	SRC35ZS-W2	SRC50ZSX-W3	SRC60ZSX-W3	SRC25ZS-W2	SRC35ZS-W2
Energy class (cooling/heating)		A+++/A++	A++/A+	A++/A+	A++/A+	A++/A+	A++/A+	A++/A++
SEER		7.50	6.60	6.80	6.50	6.20	6.80	7.10
SCOP (Average climate)		4.60	4.10	4.50	4.40	4.30	4.00	4.60
Pdesign (cooling/heating(@-10°C))	kW	5.00/4.10	2.50/2.50	3.50/3.10	5.00/4.50	5.60/5.20	2.50/2.40	3.50/2.90
Annual electricity consumption (cooling/heating)	kWh/a	234/1247	133/853	181/966	270/1431	316/1692	129/840	173/883
Designated heating season		Average						
Indoor unit		FDTC40VH	FDTC50VH	FDTC60VH	SRK20ZSX-S	SRK25ZSX-S	SRK35ZSX-S	SRK50ZSX-S
Outdoor unit		SRC40ZSX-W1	SRC50ZSX-W2,-W3	SRC60ZSX-W1,-W3	SRC20ZSX-S	SRC25ZSX-S	SRC35ZSX-S	SRC50ZSX-S
Energy class (cooling/heating)		A++/A+	A++/A+	A++/A+	A+++/A+++	A+++/A+++	A+++/A+++	A++/A++
SEER		6.94	6.52	6.45	9.50	9.60	9.20	8.20
SCOP (Average climate)		4.37	4.30	4.10	5.20	5.20	5.10	4.70
Pdesign (cooling/heating(@-10°C))	kW	4.0/4.0	5.0/4.3	5.6/5.1	2.00/2.70	2.50/2.90	3.50/3.30	5.00/4.50
Annual electricity consumption (cooling/heating)	kWh/a	202/1283	269/1401	304/1744	74/728	92/781	134/906	214/1341
Designated heating season		Average						

*1 The colour variation type has the same value.

*SEER/SCOP are based on EN14825:2016 and Commission regulation (EU) No.2016/2281. Temperature conditions for calculating SCOP are based on "Average climate".

Indoor unit		SRK60ZSX-S	SRK63ZR-S	SRK71ZR-S	SRK80ZR-S	SRK100ZR-S	SRK20ZS-S ¹	SRK25ZS-S ¹
Outdoor unit		SRC60ZSX-S	SRC63ZR-S	SRC71ZR-S	SRC80ZR-S	FDC100VNP	SRC20ZS-S	SRC25ZS-S
Energy class (cooling/heating)		A++/A++	A++/A++	A++/A+	A++/A+	A++/A+	A++/A++	A++/A++
SEER		7.60	7.60	7.20	6.60	6.60	7.80	7.80
SCOP (Average climate)		4.70	4.70	4.50	4.40	4.40	4.60	4.60
Pdesign (cooling/heating(@-10°C))	kW	6.10/5.20	6.30/5.40	7.10/6.60	8.00/7.10	10.0/7.20	2.00/2.40	2.50/2.50
Annual electricity consumption (cooling/heating)	kWh/a	282/1551	291/1610	346/2055	425/2261	531/2289	90/732	113/762
Designated heating season		Average						
Indoor unit		SRK35ZS-S ¹	SRK50ZS-S ¹	SRK25ZSP-S	SRK35ZSP-S	SRK45ZSP-S	SRF25ZMX-S	SRF35ZMX-S
Outdoor unit		SRC35ZSX-S	SRC50ZS-S	SRC25ZSP-S	SRC35ZSP-S	SRC45ZSP-S	SRC25ZMX-S	SRC35ZMX-S
Energy class (cooling/heating)		A++/A++	A++/A+	A/A	A++/A+	A/A	A++/A+	A++/A+
SEER		7.80	6.26	5.50	6.15	5.38	7.11	6.75
SCOP (Average climate)		4.60	4.20	3.80	4.00	3.81	4.37	4.26
Pdesign (cooling/heating(@-10°C))	kW	3.50/2.80	5.00/3.90	2.50/2.80	3.20/3.00	4.50/3.80	2.50/3.00	3.50/3.30
Annual electricity consumption (cooling/heating)	kWh/a	158/852	280/1300	160/1033	183/1052	293/1398	123/961	182/1085
Designated heating season		Average						
Indoor unit		SRF50ZMX-S	SRR25ZM-S	SRR35ZM-S	FDTC25VF	FDTC35VF	FDTC40VF	FDTC50VF
Outdoor unit		SRC50ZSX-S	SRC25ZMX-S	SRC35ZMX-S	SRC25ZMX-S	SRC35ZMX-S	SRC40ZSX-S	SRC50ZSX-S
Energy class (cooling/heating)		A++/A	A++/A+	A++/A+	A++/A+	A++/A+	A++/A	A+/A
SEER		6.12	6.43	6.33	6.10	6.12	6.53	6.01
SCOP (Average climate)		3.87	4.08	4.02	4.13	4.15	3.96	3.85
Pdesign (cooling/heating(@-10°C))	kW	5.00/4.80	2.50/3.30	3.50/3.55	2.55/3.10	3.60/3.60	4.00/4.00	5.00/4.80
Annual electricity consumption (cooling/heating)	kWh/a	286/1736	136/1133	194/1238	147/1050	207/1215	215/1416	291/1745
Designated heating season		Average						
Indoor unit		FDTC60VF						
Outdoor unit		SRC60ZSX-S						
Energy class (cooling/heating)		A+/A						
SEER		5.76						
SCOP (Average climate)		3.80						
Pdesign (cooling/heating(@-10°C))	kW	5.60/5.90						
Annual electricity consumption (cooling/heating)	kWh/a	341/2172						
Designated heating season		Average						

Multi-split System

Indoor unit		SRK15ZS-WF x 2	SRK20ZSX-W x 2	SRK20ZSX-W SRK25ZSX-W	SRK15ZS-WF x 3	SRK20ZSX-W x 3	SRK20ZSX-W x 4	SRK20ZSX-W x 5		
Outdoor unit		SCM30ZS-W	SCM40ZS-W	SCM45ZS-W	SCM41ZS-W	SCM50ZS-W	SCM60ZS-W	SCM71ZS-W	SCM80ZS-W	SCM100ZS-W
Energy class (cooling/heating)		A+++/A++	A+++/A++	A+++/A++	A+++/A++	A+++/A++	A+++/A++	A++/A++	A++/A++	A+++/A+
SEER		8.60	9.10	9.10	9.20	8.80	8.80	8.30	8.20	8.60
SCOP (Average climate)		4.80	4.70	4.70	4.60	4.60	4.60	4.60	4.60	4.50
Pdesign (cooling/heating(@-10°C))	kW	3.00/3.30	4.00/4.10	4.50/4.10	4.00/3.40	5.00/4.70	6.00/4.70	7.10/6.70	8.00/6.70	10.00/6.80
Annual electricity consumption (cooling/heating)	kWh/a	123/962	154/1222	174/1222	153/1034	199/1430	239/1430	300/2038	342/2038	407/2116
Designated heating season		Average								
Indoor unit		SRK20ZSX-W x 2	SRK20ZSX-W SRK25ZSX-W	SRK20ZSX-W x 3	SRK20ZSX-W x 4	SRK20ZSX-W x 5	SRK25ZS-W+ SRK35ZS-W x 3			
Outdoor unit		SCM40ZS-S	SCM45ZS-S	SCM50ZS-S1	SCM60ZM-S1	SCM71ZM-S1	SCM80ZM-S1	SCM100ZM-S	SCM125ZM-S*	
Energy class (cooling/heating)		A++/A+	A++/A+	A++/A+	A++/A+	A++/A+	A++/A+	A/A+	-	
SEER		6.31	6.43	6.80	6.80	7.20	7.10	5.10	5.61	
SCOP (Average climate)		4.05	4.11	4.40	4.20	4.20	4.20	4.02	4.11	
Pdesign (cooling/heating(@-10°C))	kW	4.00/3.30	4.50/4.10	5.00/4.90	6.00/7.30	7.10/8.10	8.00/8.20	10.00/10.10	-	
Annual electricity consumption (cooling/heating)	kWh/a	222/1140	245/1396	258/1559	309/2435	346/2700	395/2733	687/3519	-	
Designated heating season		Average								

Before starting use

Heating performance

The heating performance values (kW) described in the catalogue are the values obtained by operating at an outdoor temperature of 7°C and indoor temperature of 20°C as set forth in the ISO Standards.

Heating performance is reduced as the temperature drops. If the outdoor temperature is too low and the heating performance is insufficient, use other heating appliances as well.

Indication of sound values

The sound values are the values (A scale) measured in a chamber such as an anechoic chamber following the ISO Standards. In the actual installation state, the value is normally larger than the values given in the catalogue due to the effect of surrounding noise and echo. Take this into consideration when installing.

Use in oil atmosphere

Avoid installing this unit in an atmosphere where oil scatters or builds up, such as in a kitchen or machine factory.

If the oil adheres to the heat exchanger, the heat exchanging performance will drop, mist may be generated, and the synthetic resin parts may deform and break.

Use in acidic or alkaline atmosphere

If this unit is used in acidic atmosphere such as hot spring areas having high level of sulfuric gases or in alkaline atmosphere including ammonia or calcium chloride, places where the exhaust of the heat exchanger is sucked in, or at coastal areas where the unit is subject to salt breezes, the outer plate or heat exchanger, etc., will corrode. Please ask a dealer or specialist when you use an air-conditioner in places differing from a general atmosphere.

Use in places with high ceilings

If the ceiling is high, install a circulator to improve the heat and air flow distribution when heating.

Refrigerant leakage

The refrigerant (R32, R410A) used for air-conditioner is non-toxic and in its original state.

However, in consideration of a state where the refrigerant leaks into the room, measures against refrigerant leaks must be taken in small rooms where the tolerable level could be exceeded. Take measures by installing ventilation devices, etc.

Use in snowy areas

Take the following measures when installing the outdoor unit in snowy areas.

•Snow prevention

Install a snow-prevention hood so that the snow does not obstruct the air intake port or enter and freeze in the outdoor unit.

•Snow piling

In areas with heavy snow fall, the piled snow could block the air intake port. In this case, a frame that is 50cm or higher than the estimated snow fall must be installed underneath the outdoor unit.

Automatic defrosting device

If the temperature is low, and the humidity is high, frost will stick to the heat exchanger of the outdoor unit. If continued to use, the heating performance will drop.

The "Automatic defrosting device" will function to remove this frost.

After heating for approx. three to ten minutes, it will stop, and the frost will be removed. After defrosting, hot air will be blown again.

Servicing

After the air-conditioner has been used for several seasons, dirt will build up in the air-conditioner causing the performance to drop. In addition to regular servicing, a maintenance contract by a specialist is recommended.

Safety Precautions

Air-conditioner usage target

The air-conditioner described in this catalogue is a dedicated cooling/heating device for human use.

Do not use it for special applications such as the storage of food items, animals or plants, precision devices or valuable art, etc.

This could cause the quality of the items to drop, etc.

Do not use this for cooling vehicles or ships. Water leakage or current leaks could occur.

Before use

Always read the "User's Manual" thoroughly before starting use.

Installation

Always commission the installation to a dealer or specialist. Improper installation will lead to water leakage, electric shocks and fires.

Make sure that the outdoor unit is stable in installation. Fix the unit to stable base.

Usage place

Do not install in places where combustible gas could leak or where there are sparks.

Installation in a place where combustible gas could be generated, flow or accumulate, or places containing carbon fibers could lead to fires.

Certified ISO 9001



JQA-0709

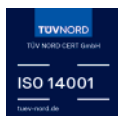


Mitsubishi Heavy Industries - Mahajak Air Conditioners Co., Ltd. has been certified of Quality Management System in accordance with ISO 9001 by TUV NORD (Thailand) Ltd.



Mitsubishi Heavy Industries Thermal Systems, Ltd. Participate in the Eurovent certification program for variable refrigerant flow (AC1 & AC2). Check ongoing validity of certificate: www.eurovent-certification.com

Certified ISO 14001



Mitsubishi Heavy Industries - Mahajak Air Conditioners Co., Ltd. has been certified of Environmental Management System in accordance with ISO 14001 by TUV NORD (Thailand) Ltd.



Mitsubishi Heavy Industries Thermal Systems, Ltd.

(Wholly-owned subsidiary of MITSUBISHI HEAVY INDUSTRIES, LTD.)

2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo, 100-8332, Japan

<https://www.mhi-mth.co.jp/en/>

Because of our policy of continuous improvement, we reserve the right to make changes in all specifications without notice.

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