

AIR CONDITIONING



Tara Dennis

Favoured by Interior Designer and
Television Presenter Tara Dennis.

RESIDENTIAL AIR CONDITIONERS

Our Products

Boasting an assortment of convenient functions and filters, stylish design and quiet operation a Mitsubishi Heavy Industries air conditioner will be a valuable addition to any home.

With a wide capacity range, these Wall Mounted, Ducted, Ceiling Cassette and Ceiling Suspended Ranges deliver optimum heating or cooling to the smallest bedrooms and largest entertainment areas.

Priding itself on reliability, Mitsubishi Heavy Industries will provide you with Superior Technology that Outlasts and Outperforms, to ensure that your family will enjoy air conditioned comfort all year round.



Functions

Comfort & Convenience



Dry Operation

The unit dehumidifies the room by intermittent cooling operation.



High Power Operation

The unit can operate continuously in "HI POWER" mode for 15 minutes. This mode is convenient to reach the desired temperature quickly.



Silent Operation

The sound level of outdoor units is at least 3 dB(A) lower than the nominal level.



Weekly Timer

The unit realizes effective energy saving operation, while still keeping a comfortable cooling and heating condition.



24-hour On/Off Programmable Timer

By combining a start timer with a stop timer, you can register two timer operations a day. Once set, timers will faithfully start or stop the system at a specified time of the day repeatedly.



On/Off Timer

The unit will start and stop the operation automatically at the set time.



Comfort Start-up

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



Preset Operation

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



Child Lock

Blocks the unit preventing tampering and inadvertent operations. This function is useful for families with young children.



LED Brightness Adjustment

Brightness of the LED display can be adjusted to suit.



Positioning of Installation

You can set the left-right air flow directions when you installed the air conditioner near the side wall by remote controller operation.



Night Setback

During cold seasons, room temperatures can be maintained at a comfortable level even while the room is unattended. The air conditioner keeps the temperature at 10°C.



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.

Energy Saving



Fuzzy Auto Mode

Automatically, the unit determines its operating mode and temperature setting based on a fuzzy calculation, and adjusts the inverter frequency.



Economy Mode

The unit realizes effective energy saving operation, while still keeping a comfortable cooling and heating condition.

Air Flow



JET Air Technology

Aircraft technology is used to component design the airflow system of the air conditioner.



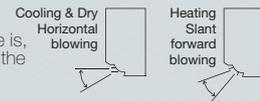
3D Auto

You can choose the best cooling or heating pattern by only pushing one button.



Auto Flap Mode

Whatever the operating mode is, the unit automatically selects the optimal angle.



Memory Flap

While the flap is swinging, it can be stopped at any angle desired. The flap returns to the position that it was in when operation last stopped.



Up/Down Flap Swing

Flap moves up and down continuously. The Up/Down flap swing can be fixed at the preferred operation angle.



Right/Left Louvre Swing

Louvre moves right and left continuously. The Right/Left louvre swing can be fixed at the preferred operation angle.

Clean Operation & Filter



Allergen Clear Operation

The system is equipped to suppress the influence of the allergen caught by the filter by controlled the temperature and humidity.



Self Clean Operation

The operation is operated for 2 hours after the unit has stopped its normal operation. The indoor unit is dried up and growth of mould is restrained.



Allergen Clear Filter

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



Removable Panel

Maintenance has been made easy as the front panel is easy to remove for easy cleaning and maintenance.



Photocatalytic Washable Deodorizing Filter

It keeps air fresh by deodorizing the molecules causing odour. The deodorizing ability can be easily restored simply by cleaning and exposing to the sunlight.

Others



Microcomputer-Operated Defrosting

This mode automatically eliminates frost, and helps minimize excessive operation in other modes.



Self-Diagnostic Function

In the case that the air conditioner malfunctions, an internal microcomputer automatically runs a self-diagnosis. (Inspection and repair should be performed by authorized dealers.)



Auto Restart Function

Power blackout auto restart function is a function that records the operational status of the air-conditioner immediately prior to it being switched off by a power out, and then automatically resumes operations at that point after the power has been restored.



Back-up Switch

On the indoor unit there is a back up on/off switch. The system will operate in the previous mode.

Clean Air Technology

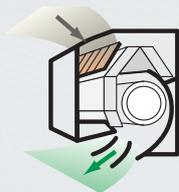
Self Clean Operation

The 'Self Clean operation' can be run after an Auto, Cool, or Dry cycle to remove the moisture from inside the indoor unit and control the growth of mould and bacteria. The 'Self Clean Operation' runs for approximately 2 hours and this feature can be selected on the remote control.

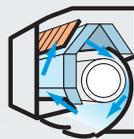


Allergen Clear System

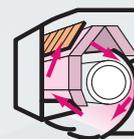
The 'Allergen Clear System' reduces the effect of the allergens caught by the filter by controlling temperature and humidity.



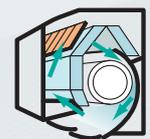
Catching Allergens on the Filter



Cooling Operation
To make condensing water.



Heating Operation
To give moisture to the Filter to inactivate allergen



AIR Purify Self-Clean Operation
To dry up the indoor unit



Improved Energy Efficiency

R32 refrigerant

R32 is the next generation refrigerant that boasts nearly 70% lower Global Warming Potential Rate than R410A*. Due to its superior qualities R32 offers amazing energy efficiency benefits. It has a potential refrigerating effect 1.5 times that of R410A meaning it needs less energy to achieve the desired temperature and requires less refrigerant volume to operate.**

*Note: Sourced from AREMA (www.arena.com.au)

**Note: Sourced from HVAC&R Nation, an AIRAH publication, Issue Nov13 (www.airah.org.au)





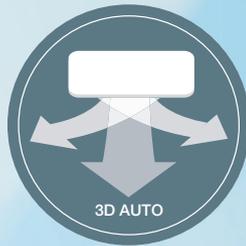
Dry Operation

The unit dehumidifies the room through intermittent cooling operation.



High Power

The unit can operate in: 'HI Power' mode continuously for 15 minutes to reach the desired temperature faster.



3D Auto

Multi motors make 3 independent controls

3D Auto is a one touch program where multi motors make three independent air flow controls. The uniform and quiet airflow can be delivered to every corner of the room, achieving economical operation and minimizing energy loss.

Air Conditioner Room Sizing Chart

A Class

Insulated roof space, walls and sub floor, full brick or brick veneer construction, average size windows with awnings, full shading south facing aspect, temperate weather conditions

B Class

Insulated roof space, full brick or brick veneer construction, average size windows with internal shades, north facing aspect, temperate climate

C Class

Insulated roof space, full brick or brick veneer construction, average size windows with internal shades, east facing aspect or sub tropical climate

D Class

Little or no insulation, weatherboard, fibro or brick veneer construction, large windows, no shading from the sun westerly facing aspect.

Selection Chart - Cooling & Heating		Room Class			
Model		A	B	C	D
AVANTI™ SRK25ZSA-W	Cooling	25	21	18	15
	Heating	34	28	24	20
AVANTI™ SRK35ZSA-W	Cooling	35	29	25	21
	Heating	40	33	29	24
AVANTI™ SRK50ZSA-W	Cooling	51	43	36	30
	Heating	58	48	41	34
BRONTE® SRK71ZRA-W	Cooling	71	59	51	42
	Heating	80	67	57	47

* This guide has been developed to assist in model selection for the majority of normal residential air conditioning situations, and as per AS/NZS 3823 performance data. MHIAA recommend a heat load survey should be conducted by a licensed air conditioning installer.

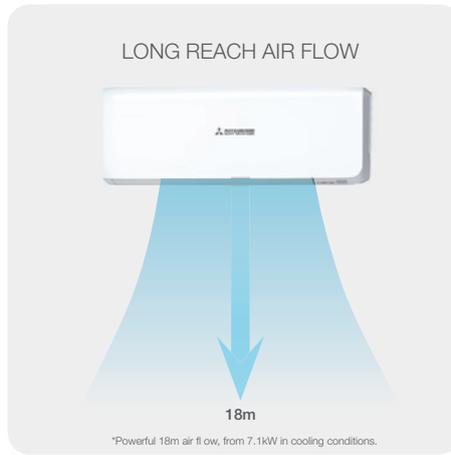
Max floor area metres squared



Jet Air Technology

Airflow system design with aircraft technology

The same aerodynamic analysis technology that is used in the development of jet engines, CFD (Computational fluid dynamics), has been applied to the design of the air channels of the air conditioners to develop the ideal air channel system (air circulation).



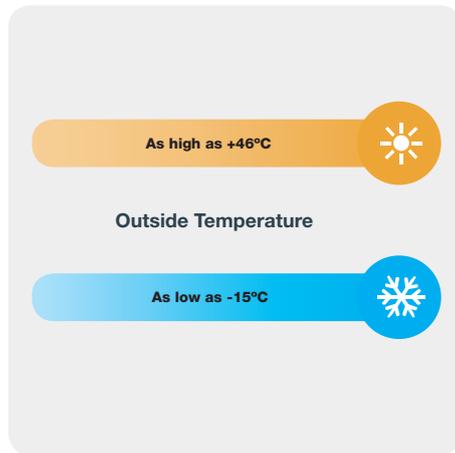
Long Reach Air Flow

Jet Air Technology enables a large volume of air to be generated without consuming much power. This enables the powerful 18m* air flow which is ideal for large living areas



Quiet Operation

In addition to a jet airflow system delivering uniform winds to every corner, it has an optimized serration stabilizer configuration, which ensures smooth wind flow. This makes it possible to lower operation noises further by minimizing the interaction between the wind flow and the fan.



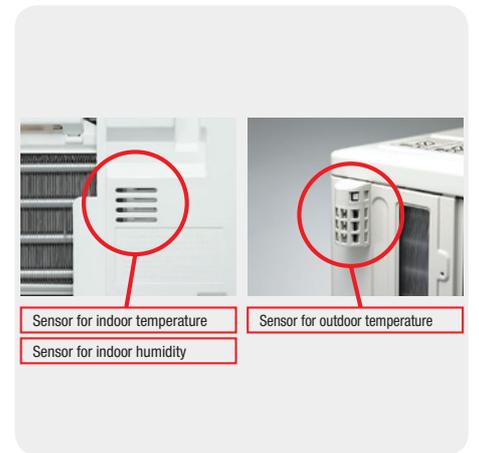
Wide Operation Range

Heating and cooling operations are possible at an outdoor temperature as low as -15°C and as high as $+46^{\circ}\text{C}$. Our new advanced technology has expanded the heating and cooling operation range. This permits installation of the units considering a heating and cooling operation under extreme temperature conditions.



Positioning of Installation

You can set the left-right air flow directions when you install the air conditioner near the side wall by remote controller operation.



Three Sensors*

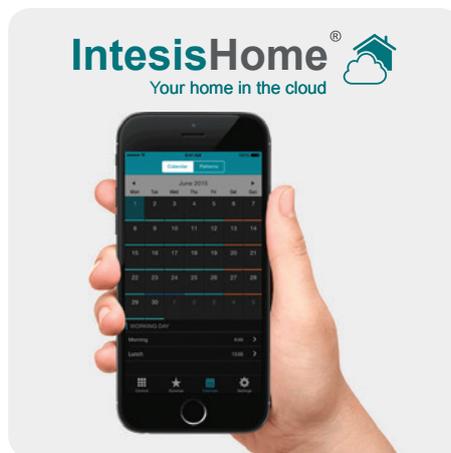
Optimum air conditioning is obtained through the three sensors. These control the indoor temperature, indoor humidity and outdoor temperature to ensure comfortable conditions in the room.

**All models from 5kW and up.*



RC-EX3 Wired Wall Mount Control

Our RC-EX3 wall controller is so easy to use, you can control your climate with the touch of a button. With control options for energy management, comfort, convenience and service. Everything you need is here.



Wi-Fi Control (Optional)

Change from anywhere with IntesisHome® Wi-Fi

The wi-fi control system allows you to control the features of your air-conditioner from anywhere using your smart device or computer.



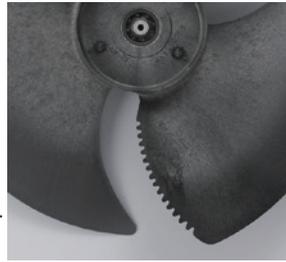
Reliability & Performance

Mitsubishi Heavy Industries believes in the strong performance and reliability of our units. That's why our units are backed up by a full 5 year parts and labour warranty.

Superior technology that Outlasts and Outperforms

Propeller fan

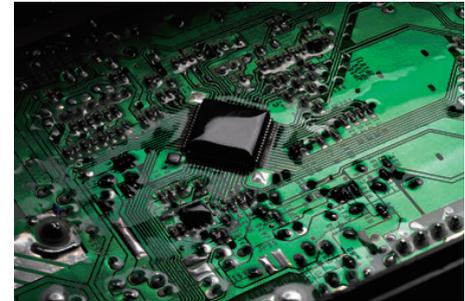
Matching a propeller fan with a fan motor has been optimized in order to keep the same capacity as that of previous models with less electrical consumption. Synergy effect with leaf grill has increased efficiency by 5% and reduced sound levels.



Serration fan

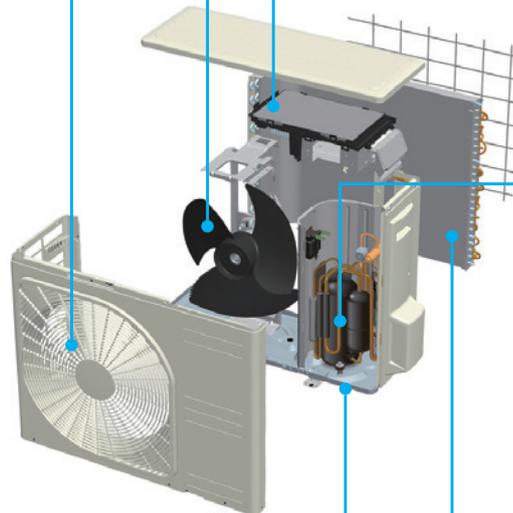
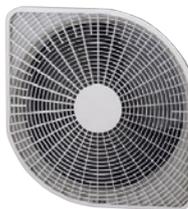
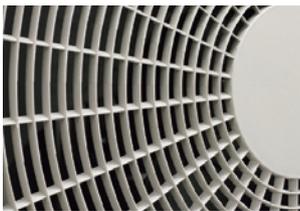
Coated PCB

The circuit board of the outdoor unit is coated with silicon. This increases the longevity of the board as it increases the boards tolerance to humid conditions.



Energy saving leaf shape grill

The radial shape grill has been developed in order to send airflow efficiently out the unit along the grill. Decreasing the load for motor and propeller fan leads to greater energy efficiency and contributes to quieter sound.



Twin Rotary Compressor

The DC Twin Rotary Compressor creates highly efficient operation under a wide range of conditions from low speed to high speed. Through the application of the Neodymium motor, low vibration, high efficiency and vector control are achieved.



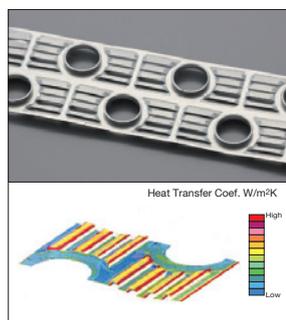
Hot Dipped Steel Sheet

A hot dipped steel sheet is applied at the base of outdoor units. This has superior corrosion resistance and scratch resistant properties compared to conventional materials.



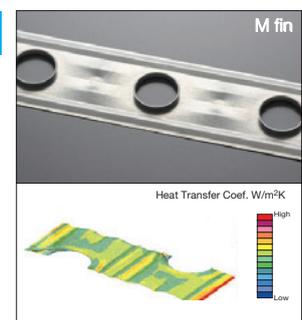
Indoor unit

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



Outdoor unit

By changing the fin configuration from flat sheet to the new M shape fin, efficiency has increased by 10%. This high dimensional structure provides optimum balance of heat transfer and airflow.



Wall Split Systems

Mitsubishi Heavy Industries wall mounted systems have expanded to include the new Bronte® and Avanti™ Series.

With the indoor unit located high on the wall in your room and attached to an outdoor unit, you will experience quality and comfort all year round.

With a wide range of capacities you will be sure to find the air conditioner that best meets your needs.



SRC17ZMP-S



SRC10-13YL-S



SRC18YL-S



Optional WiFi Control



SRC20-35ZSA-W



SRC50ZSA-W/SRC63ZRA-W



SRC71-80ZRA-W



SRC95ZRA-W

Refrigerant Pipe Length		SRK10-13-18YL	SRK17ZMP	SRK24YRA-W	SRK20-25-35ZSA-W	SRK50ZSA-W	SRK63-71-80-95ZRA-W
Maximum pipe length	m	15	15	30	20	25	30
Maximum height difference	m	10	10	20	10	15	20

Range		Model No.		
		Model No.	Bunnings Finelines	Indoor
	SRK-YL Series (Cool Only)	SETSRK10YL-S	4441805	SRK10YL-S
		SETSRK13YL-S	4441807	SRK13YL-S
		SETSRK18YL-S	4441808	SRK18YL-S
	SRK-YRA Series (Cool Only) BRONTE®	SETSRK24YRA-W	4442112	SRK24YRA-W
	SRK-ZMP Series	SETSRK17ZMP-S	4441942	SRK17ZMP-S
	SRK-ZSA Series AVANTI™	SETSRK20ZSA-W	4442097	SRK20ZSA-W
		SETSRK25ZSA-W	4442099	SRK25ZSA-W
		SETSRK35ZSA-W	4442100	SRK35ZSA-W
		SETSRK50ZSA-W	4442101	SRK50ZSA-W
	SRK-ZRA Series BRONTE®	SETSRK63ZRA-W	4442102	SRK63ZRA-W
		SETSRK71ZRA-W	4442104	SRK71ZRA-W
		SETSRK80ZRA-W	4442105	SRK80ZRA-W
		SETSRK95ZRA-W	4442176	SRK92ZRA-W

Ducted Systems

A Mitsubishi Heavy Industries ducted system lets you and your family enjoy the comfort of powerful air conditioning in every part of your home all year round.

Quiet, efficient and reliable our ducted systems have a 5 year warranty so you can be sure you'll get quality air conditioning for years to come.

- Ducted
- Ceiling Cassette
- Ceiling Suspended

- **Single Phase Systems** 5.0kW~14.0kW
- **Three Phase Systems** 12.5kW ~ 20.0kW



Please visit our website mhiaa.com.au for more details on the Ducted Range.

Capacity kW		Star Rating		EER		COP		External Dimensions (mm)	
Outdoor	Cooling T1	Heating H1	Cooling T1	Heating H1	Cooling T1	Heating H1	Indoor	Outdoor	
SRC10YL-S	2.5		2.5		3.73		268x790x213	540x780(+62)x290	
SRC13YL-S	3.5		2.5		3.57			595x780(+62)x290	
SRC18YL-S	5.0		1.5		3.21			750x880(+88)x340	
SRC24YRA-W	7.1		3.0		3.86		339x1197x262	750x880(+88)x340	
SRC17ZMP-S	1.7	2.0	2.5	4.0	4.05	4.30	262x769x210	540x645x275	
SRC20ZSA-W	2.0	2.7	5.0	5.0	4.88	4.82	290x870x230	540x780(+62)x290	
SRC25ZSA-W	2.5	3.2	5.0	5.0	4.90	4.92		640x800(+71)x290	
SRC35ZSA-W	3.5	3.7	4.0	4.5	4.27	4.57		750x880(+88)x340	
SRC50ZSA-W	5.0	5.8	2.5	3.0	3.60	3.89		845x970(+89)x370	
SRC63ZRA-W	6.3	7.1	3.0	4.0	3.99	4.44	339x1197x262	750x880(+88)x340	
SRC71ZRA-W	7.1	8.0	3.0	3.0	3.86	3.96		750x880(+88)x340	
SRC80ZRA-W	8.0	9.0	2.5	3.0	3.60	3.75		750x880(+88)x340	
SRC95ZRA-W	9.5	10.3	2.5	3.0	3.71	3.90		845x970(+89)x370	

Control & Functions Checklist

		Comfort & Convenience										
SERIES	MODEL	Dry Operation	High Power Operation	Silent Operation	Night Setback	Weekly Timer	24-hour On/Off Programmable timer	Sleep Timer	On/Off Timer	Comfort Start-up	Preset Operation	Child Lock
												
SRK-YL Series (Cool Only)	SETSRK10YL-S	•	•				•	•	•			
	SETSRK13YL-S	•	•				•	•	•			
	SETSRK18YL-S	•	•				•	•	•			
BRONTE SRK-YRA Series (Cool Only)	SETSRK24YRA-W	•	•	•	•	•	•	•	•	•	•	•
SRK-ZMP Series	SETSRK17ZMP-S	•	•				•	•	•	•		
AVANTI SRK-ZSA Series	SETSRK20ZSA-W	•	•	•	•	•	•	•	•	•	•	•
	SETSRK25ZSA-W	•	•	•	•	•	•	•	•	•	•	•
	SETSRK35ZSA-W	•	•	•	•	•	•	•	•	•	•	•
	SETSRK50ZSA-W	•	•	•	•	•	•	•	•	•	•	•
BRONTE SRK-ZRA-W Series	SETSRK63ZRA-W	•	•	•	•	•	•	•	•	•		•
	SETSRK71ZRA-W	•	•	•	•	•	•	•	•	•		•
	SETSRK80ZRA-W	•	•	•	•	•	•	•	•	•		•
	SETSRK95ZRA-W	•	•	•	•	•	•	•	•	•		•

		Clean Operation & Filter					Air Flow						Energy Saving		Others					
		LED Brightness Adjustment	Positioning of Installation	Allergen Clear Operation	Self Clean Operation	Allergen Clear Filter	Removable Panel	Photocatalytic Washable Deodorizing Filter	JET Air Technology	3D Auto	Auto Flap Mode	Memory Flap	Up/Down Flap Swing	Right/Left Louvre Swing	Fuzzy Auto Mode	Economy Mode	Microcomputer-Operated Defrosting	Back Up Switch	Self-Diagnostic Function	Auto Restart Function
LED Brightness Adjustment	Positioning of Installation																			
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Our factories are ISO9001 and ISO14001 certified.

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Mitsubishi Heavy Industries, Ltd.
Air-conditioning & Refrigeration Systems Headquarters
Certificate Number: JQA0728



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Certificate Number: 24182-1988-0013



**Mitsubishi Heavy
Industries-Heier (Changchun)
Air-conditioners Co., Ltd.**
Certificate Number: 21172-1656-AQ205-R4a

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