

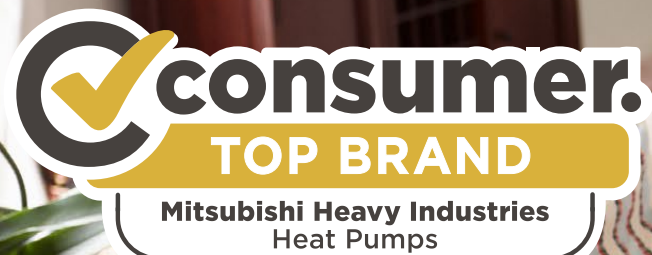
HEAT PUMPS



HEATING AND COOLING SOLUTIONS

**SPLIT SYSTEMS**





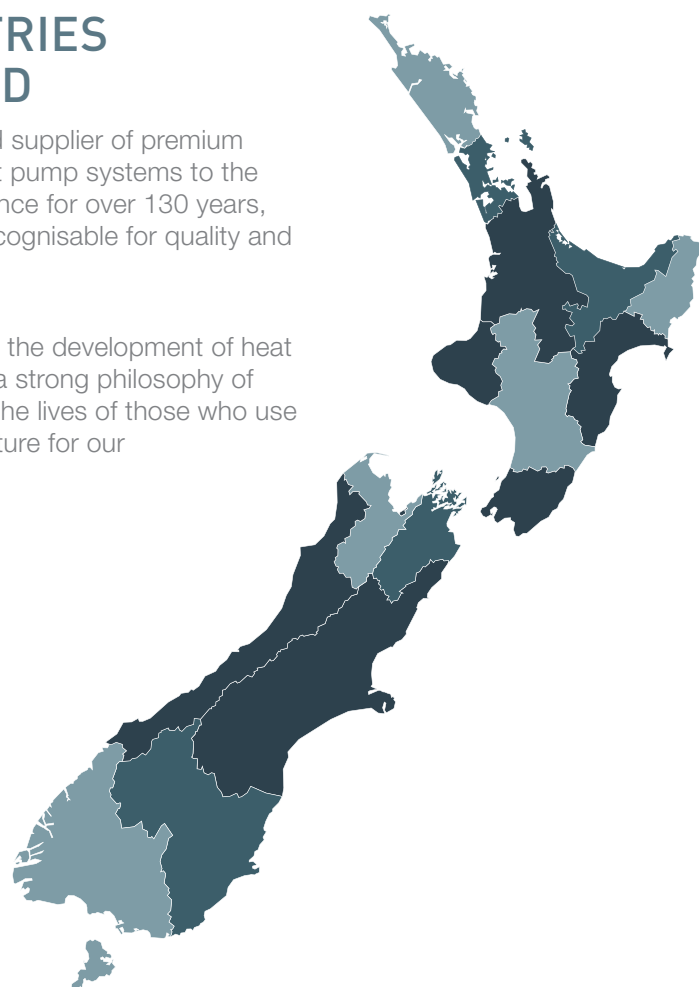
## NEW ZEALAND'S BEST BRAND OF HEAT PUMPS

We're proud to have been awarded by independent consumer advocacy group Consumer, as New Zealand's best brand of heat pumps in 2021. The award is based on testing and performance data of over 200 heat pumps and the results of the annual reliability and satisfaction survey completed by Consumer members.

## MITSUBISHI HEAVY INDUSTRIES HEAT PUMPS NEW ZEALAND

Mitsubishi Heavy Industries Heat Pumps is a trusted supplier of premium residential and commercial air conditioning and heat pump systems to the New Zealand market. Delivering engineering excellence for over 130 years, the Mitsubishi Heavy Industries brand is instantly recognisable for quality and technological advancement.

With innovation central to both the organisation and the development of heat pump systems, Mitsubishi Heavy Industries carries a strong philosophy of engineering products that are designed to improve the lives of those who use them and, at the same time, create a sustainable future for our company and the world we live in.



## COMMITTED TO QUALITY

Standing behind the quality of our products is our commitment to our customers and our after sales service guarantees. Along with the rigorous quality assurance testing carried out on all our products, comprehensive warranties provide you with peace of mind.



## DEDICATED LOCAL SUPPORT

Located in our Auckland head office, our dedicated customer service team are on hand to support our customers. Whether it's a question about our products, troubleshooting, warranty information or a user manual - our team of local experts are here to help.



## 5 YEARS PARTS AND LABOUR WARRANTY

Mitsubishi Heavy Industries focuses solely on manufacturing high performance heat pumps for the New Zealand market. All our systems are of the highest quality and are backed by a full 5 year parts and labour warranty.



## ENERGY PERFORMANCE STANDARDS

To comply with New Zealand standards and deliver the most efficient solutions possible to our customers, all Mitsubishi Heavy Industries systems meet and exceed the Minimum Energy Performance Standards (MEPS).





# MHI Split Systems

Our award winning split systems offer a quiet and highly energy efficient solution for heating and cooling individual rooms. They are comprised of an indoor unit which is installed on an interior wall or in your ceiling and an outdoor unit which is placed on an exterior wall of your home. All split systems come with a wireless remote control as standard.

Our split systems come in reverse cycle, a variety of types (wall mounted, floor mounted and bulkhead) and capacities making them perfect for any Kiwi home.

All our systems have undergone strict and rigorous testing and quality control measures to ensure they are of the highest standards and will withstand the tough New Zealand climate.



## Wall Mounted

- Highly energy efficient
- Convenient features and functions
- Available in range of capacities
- Suitable for any home



## Floor Mounted

- Energy efficient
- Convenient features and functions
- Perfect for colder climates



## Bulkhead

- Super quiet operation
- Discreet design
- Perfect for renovations, new builds
- Convenient features and functions

# Our Technology

## IMPROVED HEAT EXCHANGER

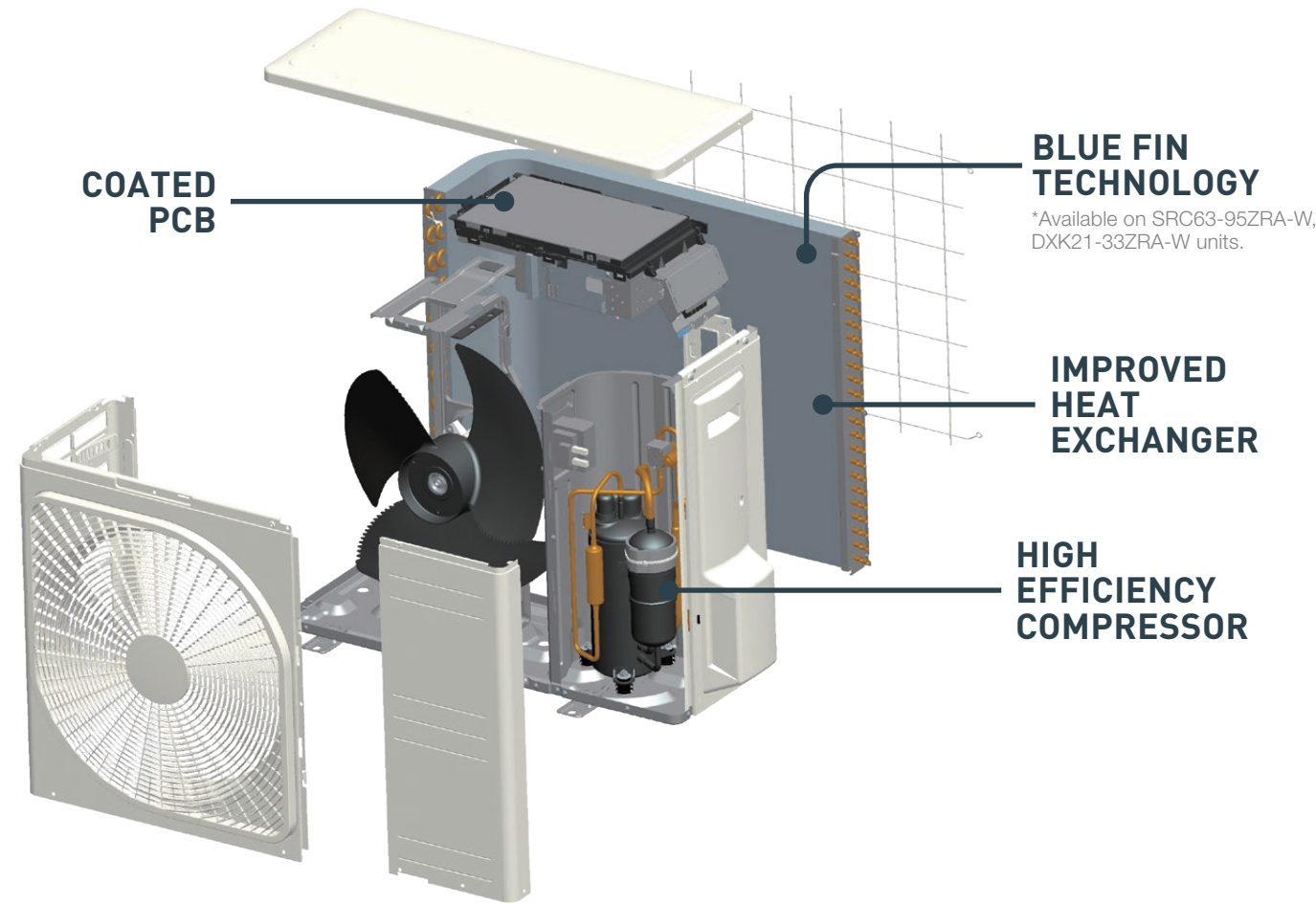
Our new and improved heat exchanger has been developed to improve refrigerant distribution and increase the systems effectiveness. The new design features a larger heat exchange area, boosting the unit's overall efficiency.

## COATED PCB

To protect against humid weather a protective coating is applied to the circuit board in the outdoor unit, allowing it to withstand New Zealand's varying weather conditions and ensure the longevity of your system.

## BLUE FIN TECHNOLOGY

Mitsubishi Heavy Industries outdoor units are coated with specially formulated layers that assist in preventing the hydrophilicity effect and reducing the rate of corrosion.



## HIGH EFFICIENCY COMPRESSOR

One of the key features that provides Mitsubishi Heavy Industries heat pumps with their powerful performance is our highly efficient compressor. Combined with a Neodymium motor that uses powerful, rare earth magnets, Mitsubishi Heavy Industries heat pumps can deliver a higher motor efficiency while producing much less operational noise.

## DC PAM INVERTER

The PAM control used in Mitsubishi Heavy Industries heat pumps helps minimise the loss of electricity and boost the efficiency by allowing the unit to reach the temperature quickly before slowing down the compressor. This allows the unit to save energy while maintaining a comfortable temperature in the room.

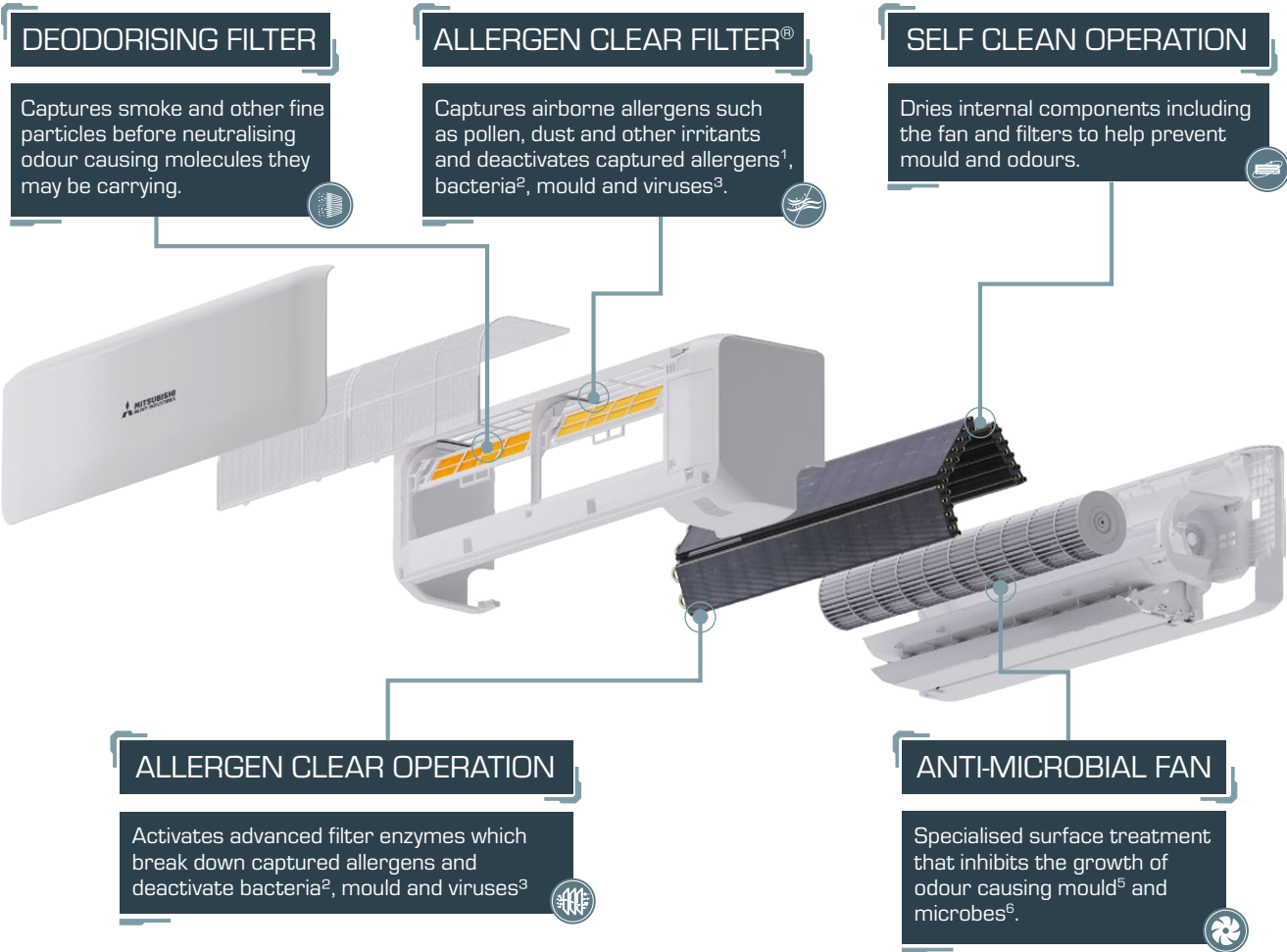
## WIDE OPERATION RANGE

With our advanced technology and high quality components, Mitsubishi Heavy Industries heat pumps can operate in ambient outdoor temperatures as low as -20°C in heating mode and as high as +46°C in cooling mode. This permits the installation in areas where the temperature conditions can be considered extreme.

# Clean Air Technology

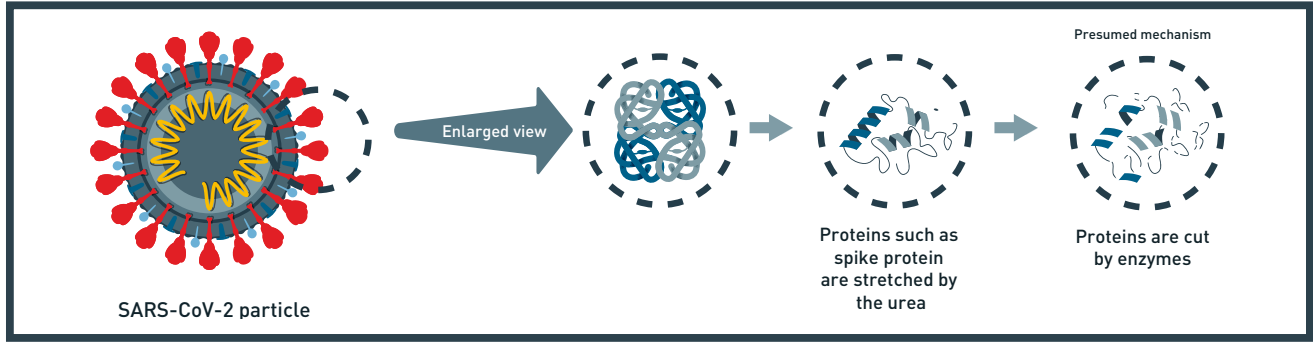


Mitsubishi Heavy Industries' Clean Air Technology is a combination of several different yet specialised components, systems and functions that are designed to work in synchronization to help improve indoor air quality by removing allergens and odours and deactivating mould, bacteria and viruses.



Recent tests have confirmed that the enzyme-urea compound contained within Mitsubishi Heavy Industries' Allergen Clear Filter is effective in the de-activation of SARS-CoV-2, the virus that causes COVID-19<sup>4</sup>.

**99.998% OF SARS-COV-2 DEACTIVATED BY MHI'S ENZYME-UREA TECHNOLOGY CONTAINED WITHIN MHI'S ALLERGEN CLEAR FILTER®**



<sup>1</sup>Test method: ELISA colorimetric method Laboratory: Independent administrative agency national hospital mechanism Sagami Hospital, No.1536  
<sup>2</sup>Test method: ELISA colorimetric method / ELISA fluorescent method Laboratory: Independent administrative agency national hospital mechanism Sagami Hospital, No.1536  
<sup>3</sup>Test method: TCID (Infection value 50%) Laboratory: Foundation of Kitazato Environmental Science Center, No.15-0145  
<sup>4</sup>Test method: Anti-viral test using severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) Laboratory: Japan Textile Products Quality and Technology Center Kobe Testing Center

# Split System Sizing Chart

**A Class**

Well insulated newly built home in warmer regions.

**B Class**

Insulated roof space, walls and sub floor with average size windows.

**C Class**

Partially insulated: Ceiling and/or floor insulation with large windows.

**D Class**

Little or no insulation with large windows in colder regions.

Selection Chart for Cooling and Heating			Room Class			
Model	Capacity (kW)		A	B	C	D
			Maximum Floor Area (m²)			
Avanti PLUS® (SRK20ZSXA-W)	2.0	Cooling	23	20	18	17
Avanti® (SRK20ZSA-W / DXK06ZSA-W)	2.7	Heating	20	18	16	14
Avanti PLUS® (SRK25ZSXA-W)	2.5	Cooling	28	24	21	19
Avanti® (SRK25ZSA-W / DXK09ZSA-W)	3.2	Heating	22	20	19	17
Akari™ SRR-ZS (SRR25ZS-W)	2.5	Cooling	28	24	21	19
Wera™ SRF-ZS (SRF25ZS-W)	3.4	Heating	23	21	19	17
Avanti PLUS® (SRK35ZSXA-W)	3.5	Cooling	39	33	29	27
	4.3	Heating	32	28	25	22
Avanti® (SRK35ZSA-W / DXK12ZSA-W)	3.5	Cooling	39	33	29	27
	3.7	Heating	28	25	23	20
Akari™ (SRR35ZS-W)	3.5	Cooling	39	33	29	27
	4.2	Heating	32	29	26	21
Wera™ (SRF35ZS-W)	3.5	Cooling	39	33	29	27
	4.5	Heating	33	31	27	23
Avanti PLUS® (SRK50ZSXA-W)	5.0	Cooling	55	48	41	35
	6.0	Heating	42	38	35	31
Avanti® (SRK50ZSA-W / DXK18ZSA-W)	5.0	Cooling	55	48	41	35
	5.8	Heating	41	37	34	30
Wera™ (SRF50ZSXA-W)	5.0	Cooling	55	48	41	35
	6.0	Heating	42	38	35	31
Avanti PLUS® (SRK60ZSXA-W)	6.1	Cooling	66	55	49	41
	6.8	Heating	50	46	42	36
Bronte® (SRK63ZRA-W / DXK21ZRA-W)	6.3	Cooling	68	57	51	42
	7.1	Heating	52	48	42	38
Bronte® (SRK71ZRA-W / DXK24ZRA-W)	7.1	Cooling	78	65	57	48
	8.0	Heating	58	52	48	42
Bronte® (SRK80ZRA-W / DXK28ZRA-W)	8.0	Cooling	88	72	63	52
	9.0	Heating	64	59	52	47
Bronte® (SRK95ZRA-W / DXK33ZRA-W)	9.5	Cooling	103	85	74	62
	10.3	Heating	72	67	61	56
Bronte® (SRK100AVNAWZR)	10.0	Cooling	107	91	81	71
	11.2	Heating	82	78	72	62

This guide has been developed to assist in heat pump selection for the majority of normal residential homes with standard ceiling height of 2.4m, and as per AS/NZS 3823 performance data. MHI recommends a heat load survey should be conducted by a qualified licensed installer. For R32 systems, minimum installation area for indoor unit and other AU/NZS Standards apply. Products are to be installed by a qualified licensed person only.



# ZONED ENERGY RATING LABELS

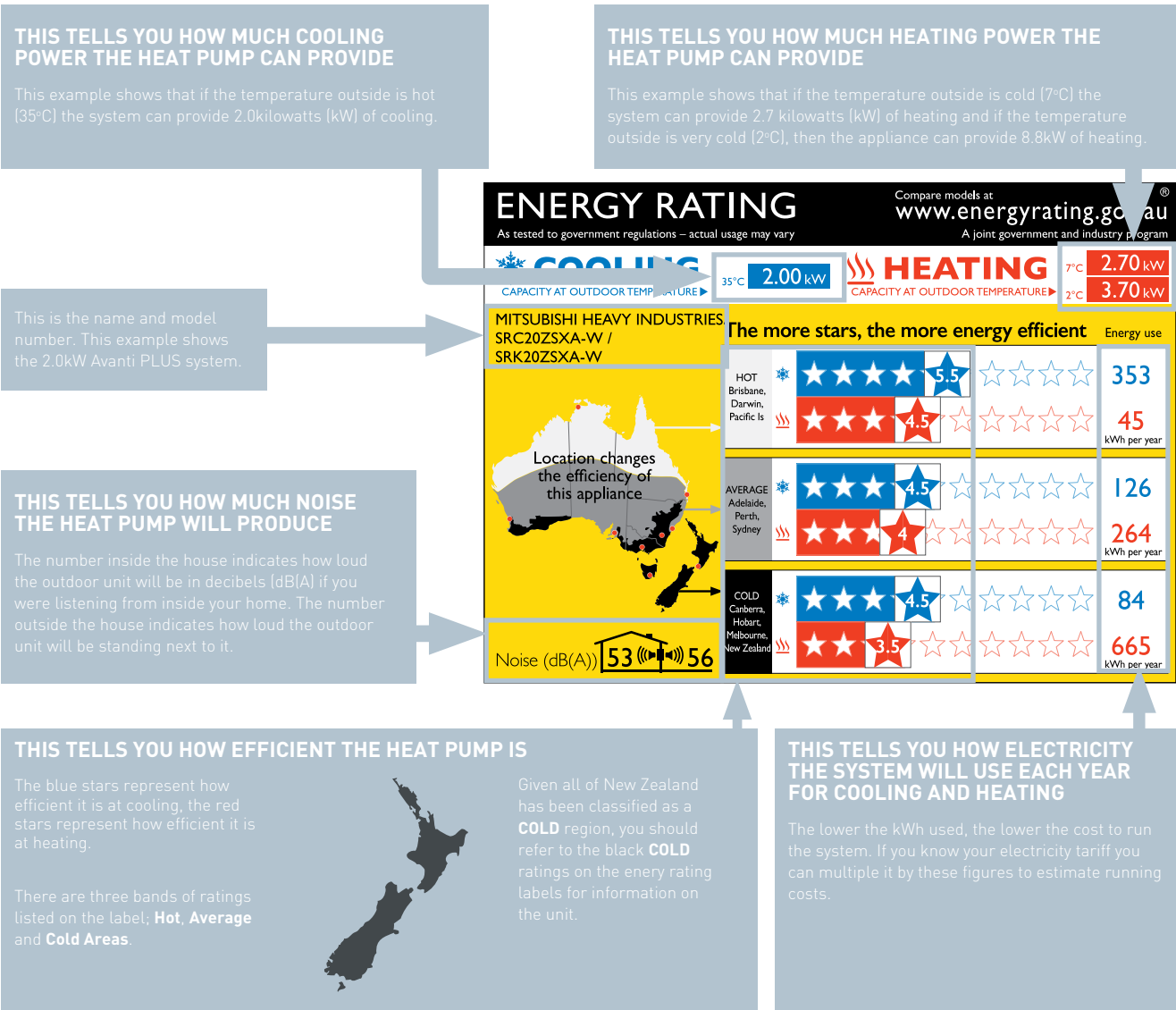
The New Zealand Government, under the Greenhouse and Energy Minimum Standards (GEMS) Act, have announced that a new Zoned Energy Rating Label (ZERL) will be rolled out across New Zealand in 2021.

These new heat pump labels provide more information including the difference in energy efficiency and estimated annual energy consumption of each model within these three zones.

### NEW ZONED ENERGY RATING LABELS PROVIDE INFORMATION INCLUDING:

- HOW MUCH COOLING AND HEATING POWER A HEAT PUMP CAN PROVIDE\*
- HOW EFFICIENT AN HEAT PUMP IS DEPENDING ON WHERE YOU LIVE
- AN ESTIMATE OF ELECTRICITY A HEAT PUMP WILL USE, DEPENDING ON WHERE YOU LIVE
- HOW MUCH NOISE THE INDOOR AND OUTDOOR UNIT PRODUCE\*

\*Under AS/NZS testing conditions



# AVANTI® Series



See pg. 16-17 for full list of features and functions



## Wall Mounted 2kW | 2.5kW | 3.5kW | 5kW

Recommended by Consumer, the Avanti® split system features a sleek and stylish design and incorporates a range of convenient features and functions. Coming in both reverse cycle and a range of capacities, the Avanti® is best suited to small and medium spaces.

- HIGH POWER OPERATION**

Provides 15mins of boosted power allowing you to quickly heat or cool your home before returning to normal operation.
- 3D AUTO MODE**

Activates three independent motors which deliver an effective and efficient airflow throughout the room.
- LED BRIGHTNESS CONTROL**

Adjust the brightness of the LED display on the indoor unit to minimise disturbance and ensure a good nights sleep.
- CLEAN AIR TECHNOLOGY**

Captures and neutralises fine smoke particles, allergens, odours, bacteria and viruses while also inhibiting growth of mould within the unit.

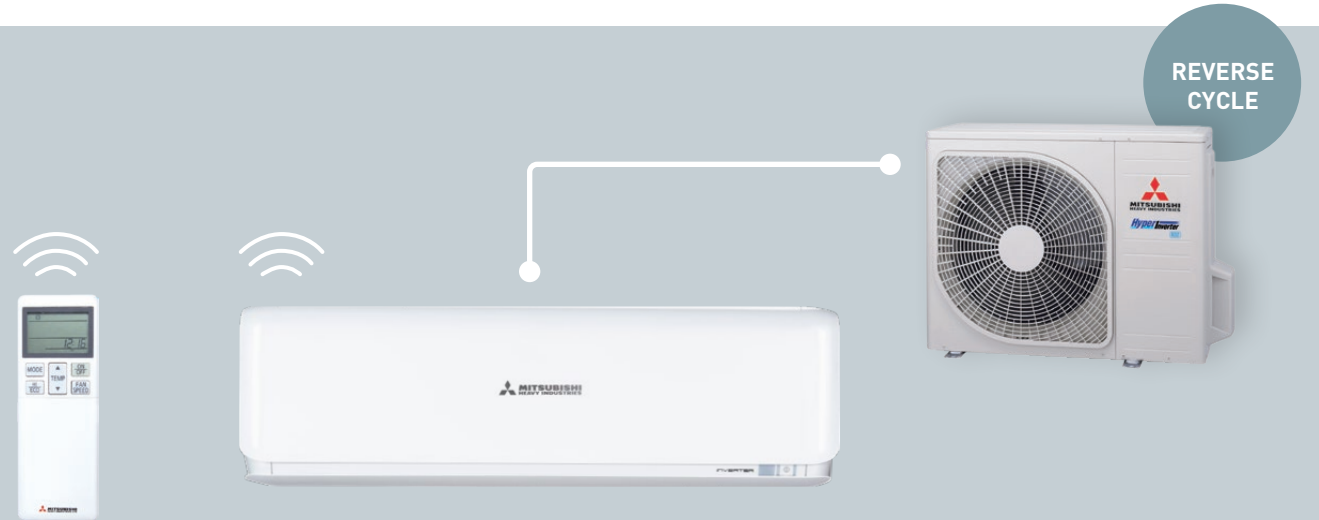
AVANTI SERIES				2.0kW	2.5kW	3.5kW	5.0kW
Cooling Capacity				2.0	2.5	3.5	5.0
Heating Capacity				2.7	3.2	3.7	6.1
Star Energy Rating (GEMS 2019)	Hot	Cooling	Stars	★★★★★ (4.5)	★★★★★ (4.5)	★★★★ (4)	★★★★ (3.5)
		Heating		★★★★ (3.5)	★★★★ (3.5)	★★★★ (3.5)	★★★★ (3.5)
	Average	Cooling		★★★★ (4)	★★★★ (3.5)	★★★★ (3.5)	★★★★ (3)
		Heating		★★★★ (3.5)	★★★★ (3)	★★★★ (3)	★★★★ (2.5)
	Cold	Cooling		★★★★ (4)	★★★★ (3.5)	★★★★ (3.5)	★★★★ (3)
		Heating		★★★★ (3)	★★★★ (3)	★★★★ (2.5)	★★★★ (2)

SRC25-35ZSA-W outdoor unit shown

### OTHER CONTROL OPTIONS (SOLD SEPARATELY)



# AVANTI PLUS® Series



See pg. 16-17 for full list of features and functions

## Wall Mounted 2kW | 2.5kW | 3.5kW | 5kW | 6kW

Recommended by Consumer, the Avanti PLUS® is one of the quietest and most energy efficient split systems available. It incorporates an energy saving motion sensor, improved automatic mode for precise temperature control and a range of other convenient features and functions. The Avanti PLUS® is perfect for small to medium spaces.

**MOTION SENSOR**  
Automatically adjusts the set temperature based on human activity detected in the room. Switches the unit off when no activity is detected to save energy.

**SILENT OPERATION**  
Set periods of time where the unit will operate with even further reduced noise levels.

**3D AUTO MODE**  
Activates three independent motors which deliver an effective and efficient airflow throughout the room.

**CLEAN AIR TECHNOLOGY**  
Captures and neutralises fine smoke particles, allergens, odours, bacteria and viruses while also inhibiting growth of mould within the unit.

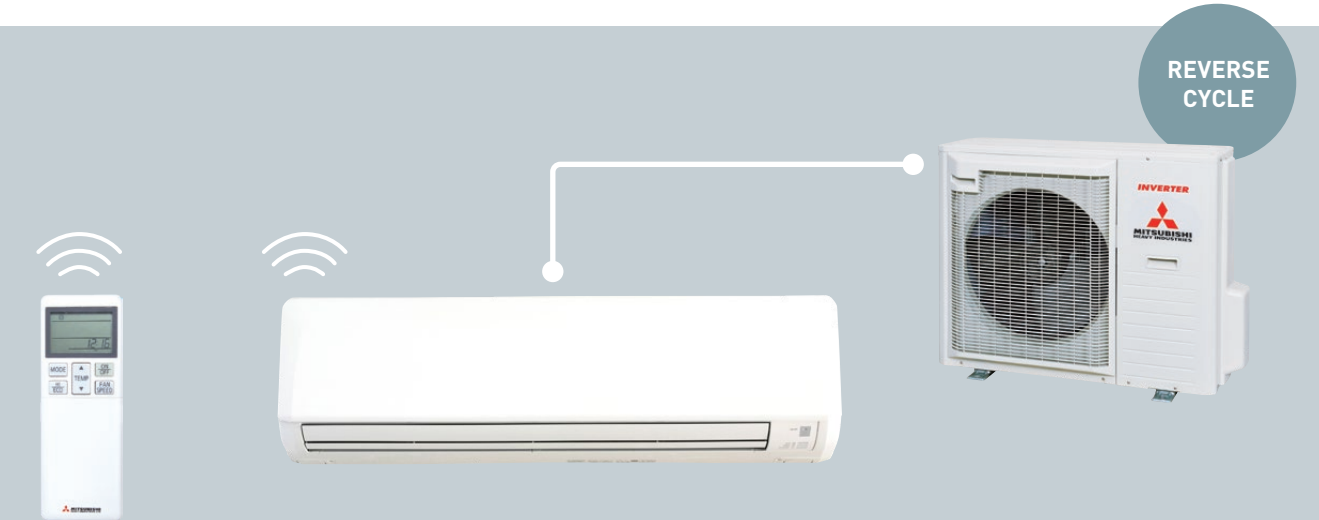
AVANTI PLUS SERIES				2.0kW	2.5kW	3.5kW	5.0kW	6.0kW	
Cooling Capacity			kW	2.0	2.5	3.5	5.0	6.0	
Heating Capacity				2.7	3.2	4.3	6.0	6.8	
Star Energy Rating (GEMS 2019)	Hot	Cooling	Stars	★★★★★ (5.5)	★★★★★ (5)	★★★★★ (5)	★★★★ (4)	★★★★ (3.5)	
		Heating		★★★★★ (4.5)	★★★★★ (4.5)	★★★★★ (4)	★★★★ (3.5)	★★★★ (3.5)	
	Average	Cooling		★★★★★ (4.5)	★★★★★ (4.5)	★★★★★ (4)	★★★★ (3.5)	★★★★ (3)	
		Heating		★★★★★ (4)	★★★★★ (4)	★★★★★ (3.5)	★★★★ (3)	★★★★ (3)	
	Cold	Cooling		★★★★★ (4.5)	★★★★★ (4.5)	★★★★★ (4.5)	★★★★ (3.5)	★★★★ (3.5)	
		Heating		★★★★★ (3.5)	★★★★★ (3.5)	★★★★ (3)	★★★★ (2.5)	★★★★ (2.5)	

SRC20-60ZSXA-W outdoor unit shown

### OTHER CONTROL OPTIONS (SOLD SEPARATELY)



# BRONTE® Series



See pg. 16 -17 for full list of features and functions

## Wall Mounted 6.3kW | 7.1kW | 8kW | 9.5kW | 10kW

Recommended by Consumer, the Bronte® split system incorporates advanced fan blade technology to efficiently deliver an industry leading, long reach airflow of 18m\*. With a super quiet outdoor unit and exceptional performance in low temperatures, the Bronte® is best suited for medium to larger spaces.

**HIGH POWER OPERATION**  
Provides 15mins of boosted power allowing you to quickly heat or cool your home before returning to normal operation.

**LOW TEMP PERFORMANCE**  
Rated by Consumer as one of the best performing heat pumps in low temperatures\*\*.

**JET AIR TECHNOLOGY**  
Advanced blade technology used in development of jet engines to deliver industry leading long reach airflow of 18m\*

**CLEAN AIR TECHNOLOGY**  
Captures and neutralises fine smoke particles, allergens, odours, bacteria and viruses while also inhibiting growth of mould within the unit.

BRONTE SERIES				6.3kW	7.1kW	7.1kW (Cool Only)	8.0kW	9.5kW	10.0kw
Cooling Capacity			kW	6.3	7.1	7.1	8.0	9.5	10
Heating Capacity				7.1	8.0	N/A	9.0	10.3	11.2
Star Energy Rating (GEMS 2019)	Hot	Cooling	Stars	★★★★ (4)	★★★★ (3.5)	★★★★ (3.5)	★★★★ (3.5)	★★★★ (3.5)	★★★★ (3)
		Heating		★★★★ (3.5)	★★★ (3)	N/A	★★★ (3)	★★★★ (3.5)	★★★ (2.5)
	Average	Cooling		★★★★ (3.5)	★★★★ (3.5)	★★★★ (3.5)	★★★★ (3)	★★★★ (3)	★★★★ (2.5)
		Heating		★★★ (3)	★★★ (2.5)	N/A	★★★ (2.5)	★★★ (2.5)	★★ (1.5)
	Cold	Cooling		★★★★ (3.5)	★★★★ (3.5)	★★★★ (3.5)	★★★★ (3.5)	★★★★ (3.5)	★★★★ (3)
		Heating		★★★ (2.5)	★★ (2)	N/A	★★ (2)	★★ (2)	★ (1)

SRC71-80ZRA-W outdoor unit shown

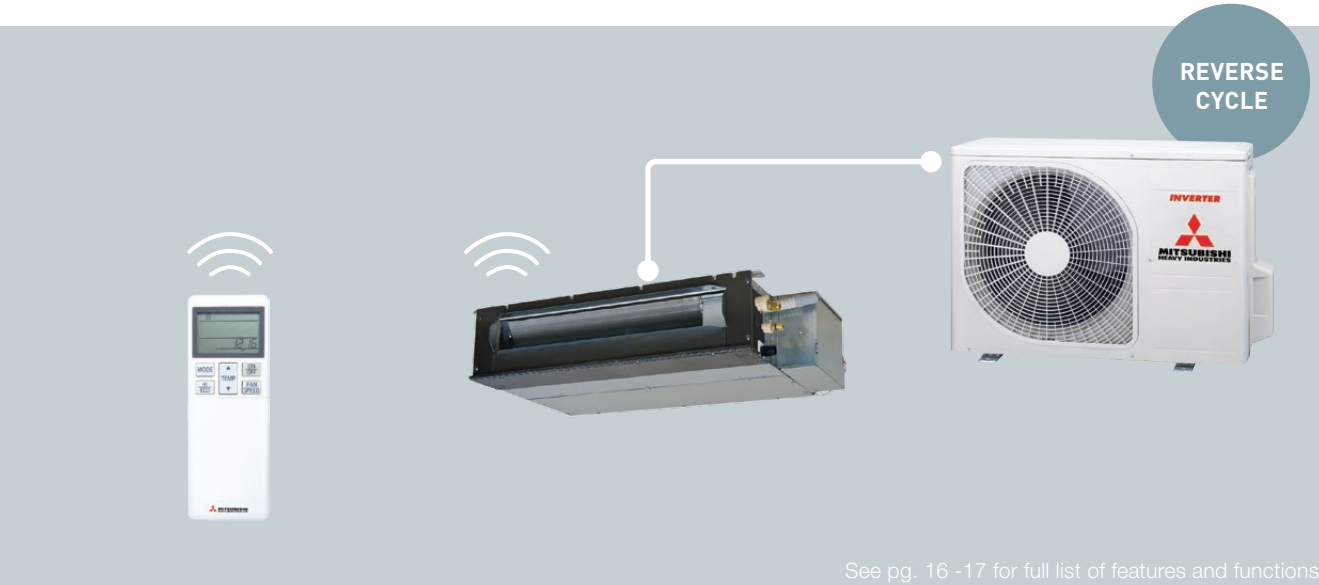
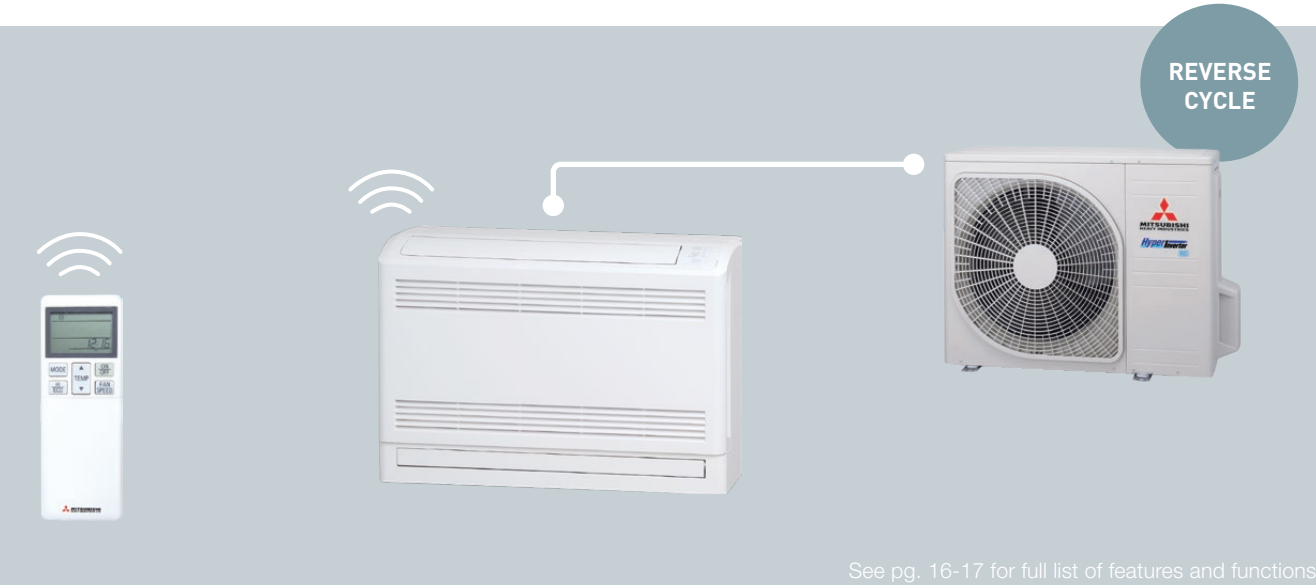
\*7.1kW, 8.0kW, 9.5kW & 10kW models in cooling mode  
\*\*6.3kW and 7.1kW models.

### OTHER CONTROL OPTIONS (SOLD SEPARATELY)



# WERA™ Series

# AKARI™ Series



## Floor Standing Systems 2.5kW | 3.5kW | 5kW

The Wera™ series of floor standing systems are the perfect solution when wall space is at a premium. The indoor unit is installed close to the floor and can be placed under a window, semi-recessed into the wall or mounted in a convenient location.

- HIGH POWER OPERATION**  
Provides 15mins of boosted power allowing you to quickly heat or cool your home before returning to normal operation.
- MEMORY LOUVRE**  
Set the louvre at the desired angle. The unit will automatically return the louvres to this position on every subsequent start up.
- SILENT OPERATION**  
Set periods of time where the unit will operate with even further reduced noise levels.
- LOW TEMP PERFORMANCE**  
Continues to deliver high performance in temps as low at -20°C.

WERA SERIES				2.5kW	3.5kW	5.0kW
Cooling Capacity			kW	2.5	3.5	5.0
Heating Capacity				3.4	4.5	6.0
Star Energy Rating (GEMS 2019)	Hot	Cooling	Stars	★★★★ (4)	★★★★ (4)	★★★★ (3.5)
		Heating		★★★★ (3.5)	★★★ (3)	★★★ (3)
	Average	Cooling		★★★★ (3.5)	★★★★ (3.5)	★★★★ (3)
		Heating		★★★ (3)	★★★ (2.5)	★★★ (2.5)
	Cold	Cooling		★★★★ (3.5)	★★★★ (3.5)	★★★★ (3)
		Heating		★★★ (2.5)	★★ (2)	★★ (2)

SRC50ZSXA-W outdoor unit shown

OTHER CONTROL OPTIONS  
(SOLD SEPARATELY)

Wi-Fi

WIRED

## Bulkhead Systems 2.5kW | 3.5kW

The Akari™ series of low profile bulkhead systems are designed to sit within your ceiling space and distribute air via discreet grilles. These compact units require no ducting and are perfect for renovated spaces and applications such as apartments where space is at a premium.

- HIGH POWER OPERATION**  
Provides 15mins of boosted power allowing you to quickly heat or cool your home before returning to normal operation.
- SUPER QUIET OPERATION**  
The Akari series offers some of the quietest operation levels on the market achieving 24 dB (A) on low fan mode.
- SILENT OPERATION**  
Set periods of time where the unit will operate with even further reduced noise levels.
- SELF CLEAN OPERATION**  
Dries the indoor unit internal components, preventing the growth of mould.

AKARI SERIES				2.5kW	3.5kW
Cooling Capacity			kW	2.5	3.5
Heating Capacity				3.4	4.2
Star Energy Rating (GEMS 2019)	Hot	Cooling	Stars	★★★★ (3.5)	★★★★ (3.5)
		Heating		★★★★ (3.5)	★★★★ (3)
	Average	Cooling		★★★★ (3)	★★★★ (3)
		Heating		★★★★ (3)	★★★★ (2.5)
	Cold	Cooling		★★★★ (3)	★★★★ (3)
		Heating		★★★★ (2.5)	★★★★ (2.5)

SRC25-35ZSA-W outdoor unit shown

OTHER CONTROL OPTIONS  
(SOLD SEPARATELY)

Wi-Fi

WIRED



# Optional Control Solutions



### RC-EXZ3A WIRED CONTROLLER

- Large, 3.8” backlit LCD touch screen with easy to navigate menu.
- Control the set temperature, operation mode and fan speed.
- Access timer and scheduling functions.
- Access additional features including Home Leave mode, Silent Mode, High Power mode plus more.
- Multi-language display (6 languages)

\*\*Requires SC-BIKN2-E kit (sold separately) for use with wall mounted, bulkhead and floor standing systems. Not applicable to SRK-ZMP series.  
\*\*\*Function limitations may apply.



### WI-FI SOLUTION

- Control your system using your smart device (iPhone, iPad, Android) via the AC Cloud Control app or internet browser
- Control the set temperature, operation mode and fan speed remotely.
- Control your system using Voice Command via your Google or Amazon smart speaker device.
- Set up ‘favourite’ scenes and activate them with a single tap.
- Set your system to respond to the weather, you arriving home, calendar events + more\*\*.
- Receive instant notifications and email updates\*\*.

\*Requires MH-AC-WIFI-1 Wi-Fi adaptor (sold separately) for use with split systems.  
\*\*In conjunction with IFTTT and other apps (must be downloaded separately).  
Some additional functions may not be available via AC Cloud Control app.

## AC Cloud Control



### Compatible with



Controlling your device with AC Cloud Control app requires aforementioned Wi-Fi adaptors and working internet or Wi-Fi connection. Google Account required for use with Google devices. Features and services may change without notice. Google is a trademark of Google LLC.

# Wi-Fi Solution

### VOICE COMMAND CONTROL

Your MHI heat pump can now be connected with any Alexa-enabled or Google Assistant voice control device. Turn your heat pump on or off, change the operation mode or set the temperature using just your voice!



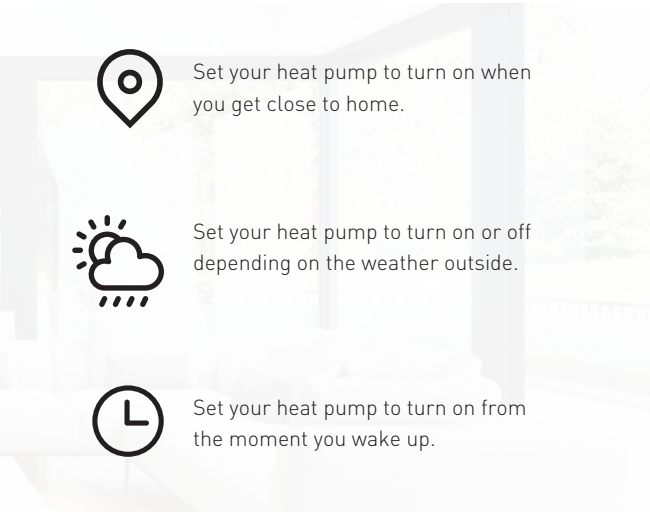
### SMART DEVICE CONTROL

Turn your heat pump on, check the temperature while you’re out and about. Can’t remember if you turned your heat pump off? Easily check and turn your unit off remotely using your smart device.



### SMART HOME INTEGRATION

Tap into a universe of IFTTT (If This Then That) recipes and turn your MHI system into a smart heat pump. IFTTT app allows to easily connect your heat pump to 3rd party applications, services and devices including Gmail, Calendars, Weather, smartwatches plus thousands more, giving your unit advanced, smart functionality.



### PRODUCT COMPATIBILITY

A compatible Wi-Fi adaptor is required to control your heat pump via smart device or voice command technology. The Wi-Fi adaptor is sold separately and can be installed during the installation of your new MHI heat pump or retrofitted to work with your existing MHI system. See below for more details.

MH-AC-WIFI-1 ADAPTOR	SYSTEM TYPE	COMPATIBLE PRODUCTS
	Wall Mounted	Avanti® series Avanti Plus® series Bronte® series
	Floor Standing	Wera™ series
	Bulkhead	Akari™ series



# Features and Functions

	FUNCTION		DESCRIPTION	AVANTI	AVANTI PLUS	BRONTE	WERA	AKARI
ENERGY SAVING		Fuzzy Auto Mode	Uses algorithms to determine the best operating mode, temperature and automatically adjusts the inverter frequency.	●	●	●	●	●
		Eco Operation (Avanti PLUS®)	Automatically adjusts the set temperature based on the detected human activity and switches the unit off when no activity is detected.		●			
		Eco Operation	The unit operates at a slightly reduced capacity to reduce power consumption while maintaining a comfortable room temperature.	●		●	●	●
AIRFLOW		Jet Air Technology	Advanced fan blade technology, used in the development of jet engines, efficiently delivers a powerful yet quiet and evenly distributed airflow	●	●	●		
		High Power Operation	Provides 15mins of boosted power to quickly heat or cool your home. Perfect for when you first turn on the unit.	●	●	●	●	●
		3D Auto	Activates three independent motors which effectively and efficiently distributes an even airflow.	●	●	●		
		Auto Louvre Mode	Depending on whether the unit is in heating or cooling mode this will automatically set the louvre at the optimum angle for even air distribution.	●	●	●	●	
		Memory Louvre	Set the louvre at the desired angle. The unit will automatically return the louvres to this position on every subsequent start up.	●	●	●	●	
		Up/Down Louvre Swing	The horizontal louvres will automatically swing up and down for even air distribution.	●	●	●	●	
		Right/Left Louvre Swing	The vertical louvres will automatically swing left and right for even air distribution.	●	●	●	●	
		Air Outlet Selection	Select whether the airflow is distributed via the upper outlet, the lower outlet or both.				●	
		Positioning of Installation	Manually set the horizontal airflow direction to ensure even air distribution in situations where the indoor unit is installed in close proximity to a wall.	●	●	●		
CLEAN AIR TECHNOLOGY		Allergen Clear Operation	Multi-stage operation that activates filter enzymes, neutralising captured allergens such as pollen, dust and hair.	●	●	●		
		Self-Clean Operation	Dries the indoor unit components by running the fan on ultra-low mode, preventing the growth of mould. Designed to be run regularly after use.	●	●	●	●	●
		Photocatalytic Deodorizing Filter	Easy to clean filter that catches airborne particles before neutralising the odour causing molecules within them.	●	●	●	●	
		Allergen Clear Filter	Captures airborne allergens such as hair, pollen and dust particles before neutralising them and any bacteria using specially formulated enzymes.	●	●	●	●	
		Anti-Microbial Fan	Specialised surface treatment that inhibits the growth of odour causing mould and microbes.	●	●	●		

# Features and Functions

	FUNCTION		DESCRIPTION	AVANTI	AVANTI PLUS	BRONTE	WERA	AKARI
COMFORT AND CONVENIENCE		Dry Operation	Reduces humidity by removing moisture from the air without effecting the indoor temperature.	●	●	●	●	●
		Silent Operation	Set periods of time where the unit will operate with reduced noise levels, perfect for night time and an uninterrupted sleep.	●	●	●	●	●
		Night Setback	Designed for the colder seasons, this function ensures the room temperature is kept at around 10°C, even while unoccupied.	●	●	●	●	●
		Comfort Start-up	When using the ON-TIMER function, the unit will switch on slightly earlier than the SET time, to ensure the optimum temperature is reached at the ON TIME.	●	●	●	●	●
		Weekly Timer	Set up to 4 timer operations a day (max 28 per week). Once set, the unit will turn on and off at the specified times of the day repeatedly.	●	●	●	●	●
		Sleep Timer	Set a pre-determined amount of time between 30 and 240 mins that your unit will operate for before switching off.	●	●	●	●	●
		On/Off Timer	Set your unit to turn on and off once, at specific times, within a 24 hour period. Unit will then turn on and off at the specified times every day.	●	●	●	●	●
		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 little ones from changing functions and other settings. Useful for families with curious young children.	●	●	●	●	●
		LED Brightness Adjustment	Adjust the brightness of the LED display on the indoor unit to minimise disturbance and ensure a good nights sleep.	●	●			
		Motion Sensor	Automatically adjusts the set temperature based on human activity detected in the room. Switches the unit off when no activity is detected to save energy.		●			
		Auto Operation	The unit will automatically select from heating, cooling or dry operation mode.	●	●	●	●	●
MAINTENANCE & PREVENTION FUNCTIONS		Microcomputer -Operated Defrosting	Automatically activated during low ambient temperatures to prevent the frosting of the outdoor heat exchanger.	●	●	●	●	●
		Self-Diagnostic Function	In the unlikely event of a fault the internal microcomputer automatically runs a diagnostic of the system. This enables a service agent to quickly isolate and repair any issues.	●	●	●	●	●
		Back-up Switch	If the remote control fails, the unit can be operated via an on/off switch on the indoor unit.	●	●	●	●	●
		Auto Restart Function	If there is a temporary loss of power, the unit will automatically restart in the same operating mode it was in when power is restored.	●	●	●	●	●
		Removable Cover Panel	Removable front cover allowing access for easy maintenance and cleaning.	●	●	●	●	

PRODUCT SPECIFICATIONS

# AVANTI® SERIES

CAPACITY		2.0kW		2.5kW		3.5kW		5.0kW		
Indoor		SRK20ZSA-W / DXK06ZSA-W		SRK25ZSA-W / DXK09ZSA-W		SRK35ZSA-W / DXK12ZSA-W		SRK50ZSA-W / DXK18ZSA-W		
Outdoor		SRC20ZSA-W / DXC06ZSA-W		SRC25ZSA-W / DXC09ZSA-W		SRC35ZSA-W / DXC12ZSA-W		SRC50ZSA-W / DXC18ZSA-W		
Power Source (Outdoor Unit)		1 Phase 240V 50Hz								
*Operation Data	Nominal Capacity (Range)	Cooling T1	2.0 (0.9–3.0)		2.5 (0.9–3.5)		3.5 (0.9–4.4)		5.0 (1.2–5.5)	
		Heating H1	2.7 (1.0 –4.2)		3.2 (0.9–5.2)		3.7 (0.9–5.4)		5.8 (1.2–6.6)	
		Heating H2	3.2		3.95		4.0		5.2	
	Power Consumption	Cooling T1	0.41 (0.18–0.81)		0.51 (0.18–0.88)		0.82 (0.18–1.27)		1.39 (0.27–1.88)	
		Heating H1	0.56 (0.20–1.12)		0.65 (0.21–1.43)		0.81 (0.21–1.44)		1.49 (0.26–1.97)	
*Operation Data	Maximum Power Consumption		1.65		1.65		1.65		2.68	
	Running Current	Cooling T1	2.1		2.5		3.7		5.9	
		Heating H1	2.7		3.0		3.7		6.3	
	Inrush Current, Maximum Current		2.8, 9.0		3.2, 9.0		3.9, 9.0		5.0, 14.5	
	EER	Cooling T1	4.88		4.90		4.27		3.60	
COP	Heating H1	4.82		4.92		4.57		3.89		
Sound Power Level (JIS C9612)	Outdoor		56		58		62		61	
	Indoor		35-27-22-19		40-31-22-19		43-34-27-19		43-36-28-22	
	Outdoor		44		45		50		49	
	Hot	Cooling	★★★★ (4.5)		★★★★ (4.5)		★★★★ (4)		★★★★ (3.5)	
		Heating	★★★★ (3.5)		★★★★ (3.5)		★★★★ (3.5)		★★★★ (3.5)	
Energy Label (GEMS 2019)	Average	Cooling	★★★★ (4)		★★★★ (3.5)		★★★★ (3.5)		★★★★ (3)	
		Heating	★★★★ (3.5)		★★★★ (3)		★★★★ (2.5)		★★★★ (2.5)	
	Cold	Cooling	★★★★ (4)		★★★★ (3.5)		★★★★ (3.5)		★★★★ (3)	
		Heating	★★★★ (3)		★★★★ (3)		★★★★ (2.5)		★★★★ (2)	
	External dimensions (HXWXD)		Indoor	290x870x230		290x870x230		290x870x230		290x870x230
Net weight	Outdoor	540x780(+62)x290		540x780(+62)x290		540x780(+62)x290		640x800(+71)x290		
	Indoor	9.5		10		10		10		
Airflow	Outdoor	33		36		36		43.5		
	Cooling (Indoor)	165-127-93-83		182-140-88-78		205-152-117-78		213-175-113-93		
Installation Data	Refrigerant (Type, Amount, Pre-charge Length)	Heating (Indoor)	190-142-108-93		237-182-110-88		250-193-117-88		253-198-152-113	
		Quantity	(R32) 0.58		(R32) 0.75		(R32) 0.75		(R32) 1.06	
		Pre-Charged to Pipe	15		15		15		15	
	Refrigerant Piping	Liquid line	Ø6.35 (1/4")		Ø6.35 (1/4")		Ø6.35 (1/4")		Ø6.35 (1/4")	
		Gas line	Ø9.52 (3/8")		Ø9.52 (3/8")		Ø9.52 (3/8")		Ø12.7 (1/2")	
Connection Method	Flare connection									
	Maximum Pipe Length (One Way)		20							
	Max Vertical Height Diff. Between O.U. and I.U.		10 (O.U. above I.U. ) / 10 (O.U. below I.U. )							
Standard accessories		Allergen Clear & Photocatalytic Washable Deodorizing Filter								
Optional parts		Interface kit (SC-BIKN2-E) / Wi-Fi Kit								
Demand Response (AS4755)		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	

\* Operation data has been gathered in accordance with AS/NZS 3823 standards. For testing conditions please refer to Page 22.

PRODUCT SPECIFICATIONS

# AVANTI PLUS® SERIES

CAPACITY		2.0kW	2.5kW	3.5kW	5.0kW	6.0kW	
Indoor		SRK20ZSXA-W	SRK25ZSXA-W	SRK35ZSXA-W	SRK50ZSXA-W	SRK60ZSXA-W	
Outdoor		SRC20ZSXA-W	SRC25ZSXA-W	SRC35ZSXA-W	SRC50ZSXA-W	SRC60ZSXA-W	
Power Source (Outdoor Unit)		1 Phase 240V 50Hz					
*Operation Data	Nominal Capacity (Range)	Cooling T1	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)
		Heating H1	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)
		Heating H2	3.7	4.2	4.7	6.0	6.8
	Power Consumption	Cooling T1	0.31 (0.18–0.76)	0.44 (0.16–0.91)	0.74 (0.16–1.27)	1.24 (0.19–1.90)	1.71 (0.19–2.50)
		Heating H1	0.47 (0.14–1.36)	0.59 (0.14–1.54)	0.90 (0.14–1.87)	1.36 (0.20–2.46)	1.65 (0.20–2.86)
	Maximum Power Consumption	1.92	1.92	1.92	2.9	2.9	
	Running Current	Cooling T1	1.7	2.3	3.4	5.2	7.2
		Heating H1	2.4	2.9	4.1	5.7	6.9
	Inrush Current, Maximum Current		2.5, 9.0	3.0, 9.0	4.3, 9.0	5.0, 15.0	5.0, 15.0
		EER	6.45	5.68	4.73	4.03	3.57
Energy Label (GEMS 2019)	Cooling	Cooling T1	5.74	5.42	4.78	4.41	4.12
		Outdoor	56	57	61	63	65
	Indoor	Indoor	38-31-24-19	39-33-25-19	43-35-26-19	44-39-31-22	48-41-39-22
		Outdoor	43	44	48	51	52
	Hot	Cooling	★★★★★ (5.5)	★★★★★ (5)	★★★★★ (5)	★★★★★ (4)	★★★★★ (3.5)
		Heating	★★★★★ (4.5)	★★★★★ (4.5)	★★★★★ (4)	★★★★★ (3.5)	★★★★★ (3.5)
	Average	Cooling	★★★★★ (4.5)	★★★★★ (4.5)	★★★★★ (4)	★★★★★ (3.5)	★★★★★ (3)
		Heating	★★★★★ (4)	★★★★★ (4)	★★★★★ (3.5)	★★★★★ (3)	★★★★★ (3)
	Cold	Cooling	★★★★★ (4.5)	★★★★★ (4.5)	★★★★★ (4.5)	★★★★★ (3.5)	★★★★★ (3.5)
		Heating	★★★★★ (3.5)	★★★★★ (3.5)	★★★★★ (3)	★★★★★ (2.5)	★★★★★ (2.5)
External dimensions (HXWXD)	Indoor	305x920x220	305x920x220	305x920x220	305x920x220	305x920x220	
	Outdoor	640x800(+71)x290	640x800(+71)x290	640x800(+71)x290	640x800(+71)x290	640x800(+71)x290	
	Indoor	13	13	13	13	13	
	Outdoor	43	43	43	45	45	
Airflow	Cooling (Indoor)	188-152-100-83	203-167-112-83	218-180-122-83	238-207-130-90	272-223-148-90	
	Heating (Indoor)	203-172-120-90	213-183-130-90	232-197-143-90	288-238-163-103	297-228-182-103	
Installation Data	Refrigerant (Type, Amount, Pre-charge Length)	Quantity	(R32) 1.2	(R32) 1.2	(R32) 1.3	(R32) 1.3	
		Pre-Charged to Pipe	15	15	15	15	15
	Refrigerant Piping	Liquid line	Ø6.35 (1/4")	Ø6.35 (1/4")	Ø6.35 (1/4")	Ø6.35 (1/4")	Ø6.35 (1/4")
		Gas line	Ø9.52 (3/8")	Ø9.52 (3/8")	Ø9.52 (3/8")	Ø12.7 (1/2")	Ø12.7 (1/2")
Connection Method	Flare connection						
	Maximum Pipe Length (One Way)	15 (O.U. above I.U.) / 15 (O.U. below I.U.)					30
Standard accessories		20 (O.U. above I.U.) / 15 (O.U. below I.U.)					
Optional parts		Allergen Clear & Photocatalytic Washable Deodorizing Filter					
Demand Response (AS4755)		Yes	Yes	Yes	Yes	Yes	

\* Operation data has been gathered in accordance with AS/NZS 3823 standards. For testing conditions please refer to Page 22.



PRODUCT SPECIFICATIONS

BRONTE® SERIES

CAPACITY		6.3kW	7.1kW	8.0kW	9.5kW	10.0kW
Indoor	Outdoor	SRK63ZRA-W / DXC21ZRA-W	SRK71ZRA-W / DXC24ZRA-W	SRK80ZRA-W / DXK33ZRA-W	SRK95ZRA-W / DXK33ZRA-W	SRK100ZR-W
	Power Source (Outdoor Unit)	SRC63ZFA-W / DXC21ZFA-W	SRC71ZFA-W / DXC24ZFA-W	SRC60ZFA-W / DXC33ZFA-W	SRC95ZFA-W / DXC33ZFA-W	FDCA100VNA-W
*Operation Data	Nominal Capacity (Range)	Cooling T1 Heating H1 Heating H2	6.3 (1.2-7.4)	7.1 (2.3-8.3)	8.0 (2.3-9.5)	9.5 (2.5-10.6)
			7.1 (0.8 -9.2)	8.0 (2.0-10.9)	9.0 (2.1-11.2)	10.3 (3.2 -11.9)
			7.0	8.1	8.2	9.6
			1.58 (0.2-2.5)	1.84 (0.48-2.4)	2.22 (0.48-3.1)	2.56 (0.5-3.2)
	Power Consumption	Heating H1	1.60 (0.16-2.8)	2.02 (0.4-3.4)	2.40 (0.40-3.40)	2.64 (0.6-3.7)
		Maximum Power Consumption	2.90	3.65	3.65	3.80
	Running Current	Cooling T1 Heating H1	6.7	7.8	9.4	10.8
Energy Label (GEMS 2019)	Inrush Current, Maximum Current	Cooling T1 Heating H1	6.7	8.6	10.2	11.1
			6.7	8.6	10.2	11.1
			6.7	8.6	10.2	11.1
			6.7	8.6	10.2	11.1
	EER	Cooling T1	3.99	3.86	3.60	3.71
		Heating H1	4.44	3.96	3.75	3.90
	Sound Power Level (JIS C9612)	Outdoor	64	65	68	69
External dimensions (HXWxD)	Sound Pressure Level (JIS C9612)	Indoor	44-39-35-25	43-40-36-24	46-43-38-25	48-45-40-27
		Outdoor	54	53	56	57
		Cooling	★★★★ (4)	★★★★ (3.5)	★★★★ (3.5)	★★★★ (3)
		Heating	★★★★ (3.5)	★★★★ (3)	★★★★ (3)	★★★★ (2.5)
	Average	Cooling	★★★★ (3.5)	★★★★ (3.5)	★★★★ (3)	★★★★ (3)
		Heating	★★★★ (3)	★★★★ (2.5)	★★★★ (2.5)	★★★★ (1.5)
	Cold	Cooling	★★★★ (3.5)	★★★★ (3.5)	★★★★ (3.5)	★★★★ (3)
Net weight	Indoor	Indoor	339x1197x262	339x1197x262	339x1197x262	339x1197x262
		Outdoor	640x800(+71)x290	750x880(+88)x340	845x970(+89)x370	845x970x370
		Indoor	15.5	15.5	15.5	16.5
		Outdoor	45	58	58	77
	Airflow	Cooling (Indoor)	342-301-262-173	342-310-270-174	383-345-300-182	408-355-293-173
		Heating (Indoor)	392-317-275-218	425-330-288-222	450-363-315-234	458-386-318-227
	Quantity	Pre-Charged to Pipe	(R32) 1.25	(R32) 1.6	(R32) 2.0	(R32) 3.3
Installation Data	Refrigerant (Type, Amount, Pre-charge Length)	Quantity	15	15	15	30
		Liquid line	Ø6.35 (1/4")	Ø6.35 (1/4")	Ø6.35 (3/8")	Ø9.52 (3/8")
		Gas line	Ø12.7 (1/2")	Ø15.88 (5/8")	Ø15.88 (5/8")	Ø15.88 (5/8")
		Connection Method	Flare connection			
	Maximum Pipe Length (One Way)	Max Vertical Height Diff. Between O.U. and I.U.	30			
			20 (O.U. above I.U. ) / 20 (O.U. below I.U. )			
	Standard accessories		Allergen Clear & Photocatalytic Washable Deodorizing Filter			
Optional parts	Demand Response (AS4755)		Interface kit (SC-BIKN2-E) / Wi-Fi Kit			
			Yes	Yes	Yes	Yes

PRODUCT SPECIFICATIONS

WERA™ SERIES

CAPACITY		2.5kW	3.5kW	5.0kW
Indoor	Outdoor	SRE25ZS-W	SRF35ZS-W	SRF50ZSX-W
	Power Source (Outdoor Unit)	SRC25ZSA-W	SRC35ZSA-W	SRC50ZSXA-W
*Operation Data	Nominal Capacity (Range)	2.5 (0.9-3.2)	3.5 (0.9-4.1)	5.0 (1.1-5.6)
		3.4 (0.9-4.7)	4.5 (0.8-5.2)	6.0 (0.8-7.4)
		3.45	3.80	5.60
		0.50 (0.17-0.82)	0.82 (0.18-1.33)	1.32 (0.19-1.90)
	Power Consumption	Heating H1	1.12 (0.19-1.53)	1.58 (0.19-2.34)
		Maximum Power Consumption	1.65	2.90
	Running Current	Cooling T1 Heating H1	3.7	5.6
Energy Label (GEMS 2019)	Inrush Current, Maximum Current	3.4	4.9	6.6
		3.6, 9.0	5.0, 9.0	5.0, 15.0
		5.00	4.27	3.79
		4.59	4.02	3.80
	Sound Power Level (JIS C9612)	Indoor	63	63
		Outdoor	40-35-33-29	46-38-33-28
	Sound Pressure Level (JIS C9612)	Indoor	46	51
External dimensions (HXWxD)	Hot	Cooling	★★★★ (4)	★★★★ (3.5)
		Heating	★★★★ (3.5)	★★★★ (3)
		Cooling	★★★★ (3.5)	★★★★ (3)
		Heating	★★★★ (2.5)	★★★★ (2.5)
	Average	Cooling	★★★★ (3.5)	★★★★ (3)
		Heating	★★★★ (2.5)	★★★★ (2)
	Cold	Cooling	★★★★ (3.5)	★★★★ (3)
Net weight	Indoor	Indoor	600x860x238	600x860x238
		Outdoor	540x780(+62)x290	640x800(+71)x290
		Indoor	18	19
		Outdoor	34.5	45
	Airflow	Cooling (Indoor)	153-126-111-96	192-160-123-110
		Heating (Indoor)	175-136-128-110	200-167-157-127
	Quantity	Pre-Charged to Pipe	(R32) 0.78	(R32) 1.30
Installation Data	Refrigerant (Type, Amount, Pre-charge Length)	Quantity	15	15
		Liquid line	Ø6.35 (1/4")	Ø6.35 (1/4")
		Gas line	Ø9.52 (3/8")	Ø12.7 (1/2")
		Connection Method	Flare connection	
	Maximum Pipe Length (One Way)	Max Vertical Height Diff. Between O.U. and I.U.	20	
			10 (O.U. above I.U. ) / 10 (O.U. below I.U. )	
	Standard accessories		Allergen Clear & Photocatalytic Washable Deodorizing Filter	
Optional parts	Demand Response (AS4755)		Interface kit (SC-BIKN2-E) / Wi-Fi Kit	
			Yes	Yes

\* Operation data has been gathered in accordance with AS/NZS 3823 standards. For testing conditions please refer to Page 22.





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