MITSUBISHI HEAVY INDUSTRIES

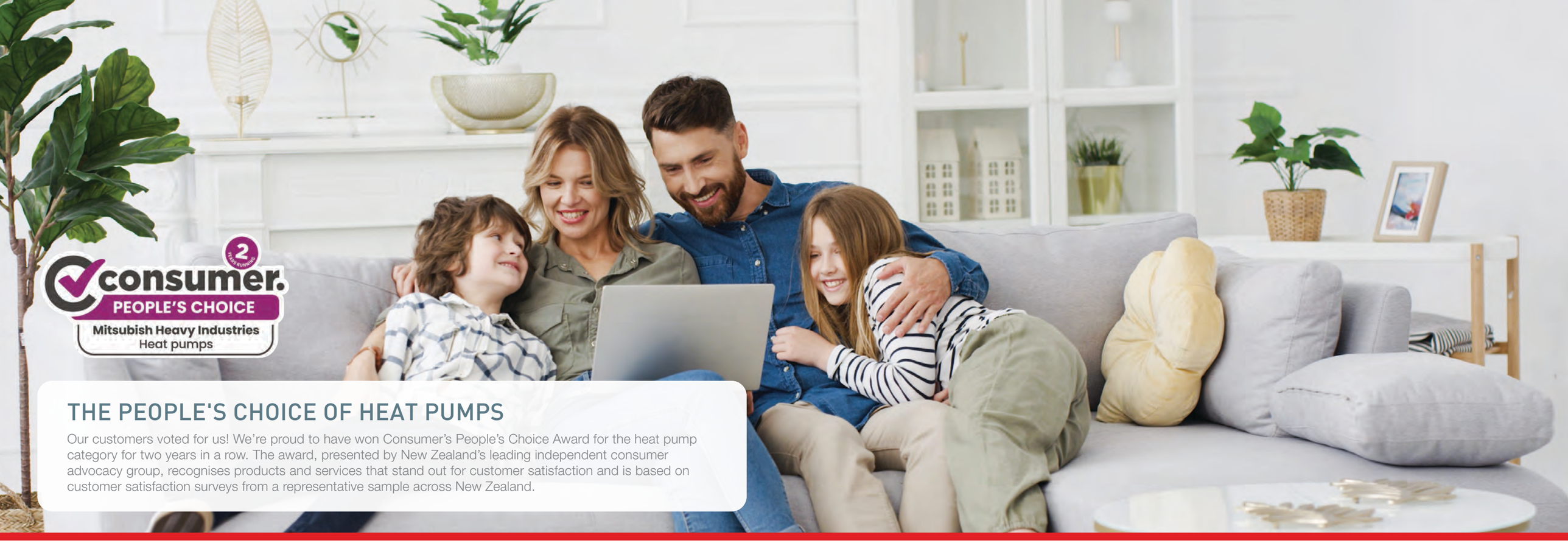
HEAT PUMPS

WE *REALLY*
CARE ABOUT AIR

SPLIT SYSTEM

HEATING AND COOLING SOLUTIONS

consumer. PEOPLE'S CHOICE
Mitsubish Heavy Industries
Heat pumps



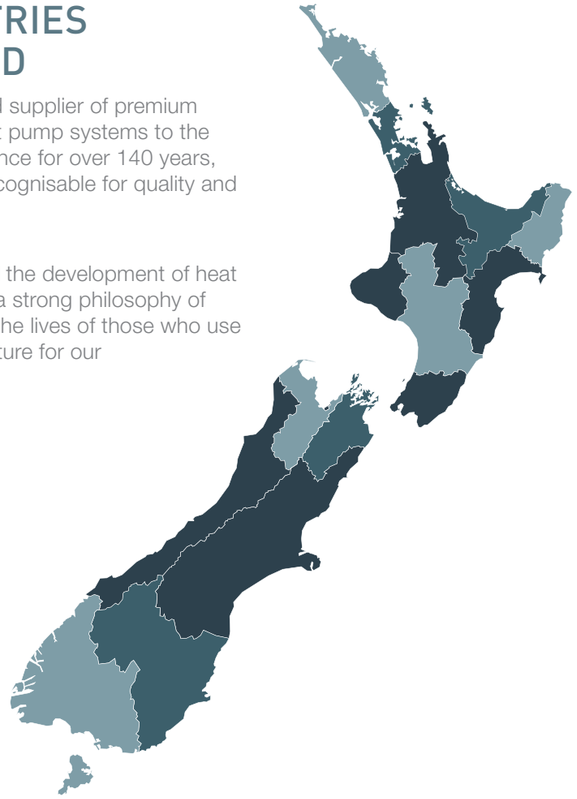
THE PEOPLE'S CHOICE OF HEAT PUMPS

Our customers voted for us! We're proud to have won Consumer's People's Choice Award for the heat pump category for two years in a row. The award, presented by New Zealand's leading independent consumer advocacy group, recognises products and services that stand out for customer satisfaction and is based on customer satisfaction surveys from a representative sample across New Zealand.

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 140 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 a variety of types (wall mounted, floor mounted and bulkhead), a range of capacities and both cool only and reverse cycle to suit 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

Inside Our Condenser Technology

IMPROVED HEAT EXCHANGER

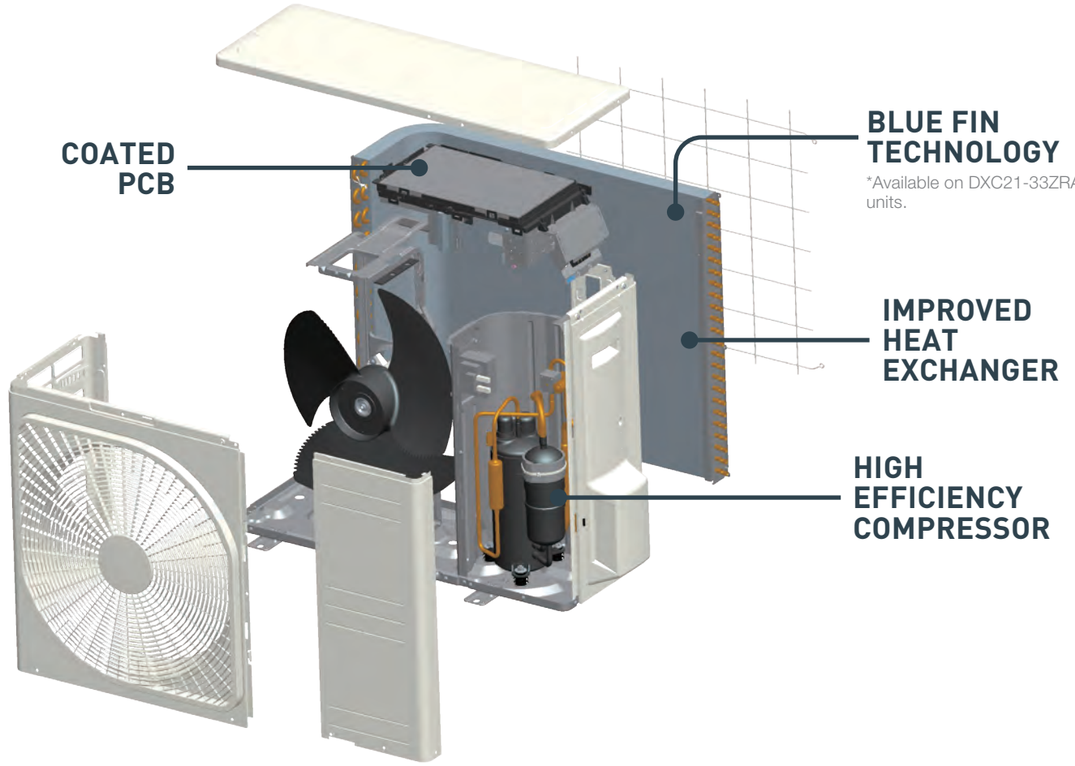
Our new and improved heat exchanger has been developed to improve refrigerant distribution and increase the systems effectiveness. The new design features a larger heat exchange area, boosting the unit's overall efficiency.

COATED PCB

To protect against humid weather a protective coating is applied to the circuit board in the outdoor unit, allowing it to withstand Australia'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 assists in reducing the corrosion rate of the aluminium section from harsh Australian weather conditions.



HIGH EFFICIENCY COMPRESSOR

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

DC PAM INVERTER

The PAM control used in Mitsubishi Heavy Industries air-conditioners 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 air-conditioners 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 synchronisation to help improve indoor air quality by removing allergens and odours and deactivating mould, bacteria and viruses*. Learn more at mhiaa.com.au/clean-air-technology.

DEODORISING FILTER

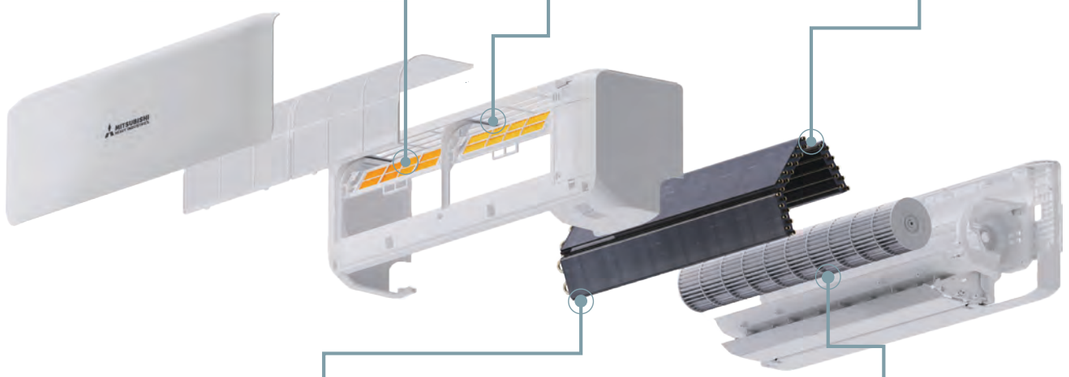
Captures smoke and other fine particles before neutralising odour causing molecules they may be carrying*.

ALLERGEN CLEAR FILTER®

Captures airborne allergens such as pollen, dust and other irritants and deactivates captured allergens[1], bacteria[2], mould and viruses[3].

SELF CLEAN OPERATION

Dries internal components including the fan and filters to help prevent mould and odours.



ALLERGEN CLEAR OPERATION

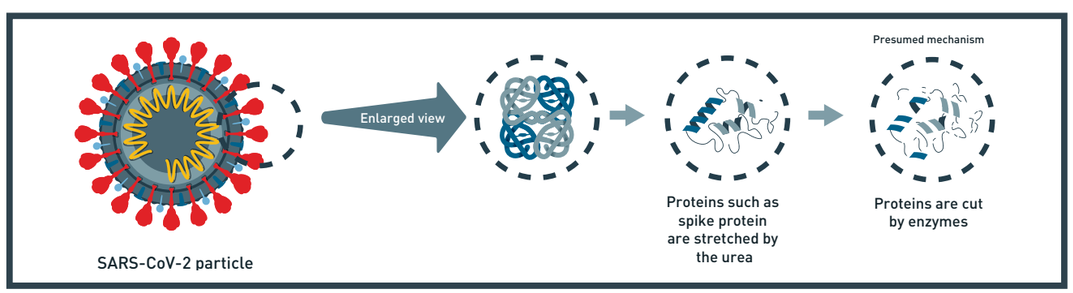
Activates advanced filter enzymes which break down captured allergens and deactivate bacteria[2], mould and viruses[3]

ANTI-MICROBIAL FAN

Specialised surface treatment that inhibits the growth of odour causing mould[5] and microbes[6].

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[4].

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



*Excludes Ciara™ series
[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
[4]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

Air Conditioning 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 for Cooling and Heating			Room Class			
Model	Capacity (kW)		A	B	C	D
			Maximum Floor Area (m²)			
Ciara™ (DXK05ZTLA-WF)	1.5	Cooling	18	16	14	12
	2.0	Heating	16	14	12	10
Avanti® DXK06ZSA-W)	2.0	Cooling	23	20	18	17
	2.7	Heating	20	18	16	14
Ciara™ (DXK09ZTLA-WF)	2.5	Cooling	28	24	21	19
	3.0	Heating	21	19	17	16
Avanti® (DXK09ZSA-W)	2.5	Cooling	28	24	21	19
	3.2	Heating	22	20	19	17
Akari™ SRR-ZS (SRR25ZS-W) Wera™ SRF-ZS (SRF25ZS-W)	2.5	Cooling	28	24	21	19
	3.4	Heating	23	21	19	17
Ciara™ (DXK12ZTLA-WF)	3.3	Cooling	37	31	27	25
	3.8	Heating	29	27	24	20
Avanti® (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® (DXK18ZSA-W) Ciara™ (DXK18ZTLA-WF)	5.0	Cooling	55	48	41	35
	5.8	Heating	41	37	34	30
Wera™ (SRF50ZSX-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® (DXK21ZRA-W) Ciara™ (DXK21ZTLA-WF)	6.3	Cooling	68	57	51	42
	7.1	Heating	52	48	42	38
Bronte® (DXK24ZRA-W) Ciara™ (DXK24ZTLA-WF)	7.1	Cooling	78	65	57	48
	8.0	Heating	58	52	48	42
Bronte® (DXK28ZRA-W)	8.0	Cooling	88	72	63	52
	9.0	Heating	64	59	52	47
Bronte® (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.

AVANTI® Series

WHILE STOCKS LAST

REVERSE CYCLE

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

Wall Mounted
2.0kW | 2.5kW | 3.5kW | 5.0kW

Recommended by Consumer, the Avanti® split system features a sleek and stylish design and incorporates a range of convenient features and functions. Available as reverse cycle unit in a range of capacities the Avanti® Series is ideal for heating and cooling small-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			kW	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	★★★★½ (4.5)	★★★★½ (4.5)	★★★★ (4)	★★★½ (3.5)
		Heating		★★★½ (3.5)	★★★½ (3.5)	★★★½ (3.5)	★★★½ (3.5)
	Average	Cooling		★★★★ (4)	★★★½ (3.5)	★★★½ (3.5)	★★★ (3)
		Heating		★★★½ (3.5)	★★★ (3)	★★★ (3)	★★½ (2.5)
	Cold	Cooling		★★★★ (4)	★★★½ (3.5)	★★★½ (3.5)	★★★ (3)
		Heating		★★★ (3)	★★★ (3)	★★½ (2.5)	★★ (2)

DXC09-12ZSA-W outdoor unit shown

OTHER CONTROL OPTIONS
(SOLD SEPARATELY)

Wi-Fi WIRED

BRONTE® Series

WHILE STOCKS LAST

REVERSE CYCLE

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

Wall Mounted
6.3kW | 7.1kW | 8.0kW | 9.5kW | 10.0kW

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.

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

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

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	8.0kW	9.5kW	10.0kw
Cooling Capacity			kW	6.3	7.1	8.0	9.5	10
Heating Capacity				7.1	8.0	9.0	10.3	11.2
Star Energy Rating (GEMS 2019)	Hot	Cooling	Stars	★★★★ (4)	★★★½ (3.5)	★★★½ (3.5)	★★★½ (3.5)	★★★ (3)
		Heating		★★★½ (3.5)	★★★ (3)	★★★ (3)	★★★½ (3.5)	★★½ (2.5)
	Average	Cooling		★★★½ (3.5)	★★★½ (3.5)	★★★ (3)	★★★ (3)	★★½ (2.5)
		Heating		★★★ (3)	★★½ (2.5)	★★½ (2.5)	★★½ (2.5)	★½ (1.5)
	Cold	Cooling		★★★½ (3.5)	★★★½ (3.5)	★★★½ (3.5)	★★★½ (3.5)	★★★ (3)
		Heating		★★½ (2.5)	★★ (2)	★★ (2)	★★ (2)	★ (1)

DXC24-28ZRA-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)

Wi-Fi WIRED

CIARA™ Series

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

Wall Mounted
1.5kW | 2.0kW | 2.5kW | 3.3kW | 5.0kW | 6.3kW | 7.1kW

The NEW Ciara™ series of split systems incorporates stylish Italian design, with rounded contours and a sleek finish. Compact and lightweight, the Ciara™ series is packed with features including Wi-Fi built-in and Voice control compatibility. Available in reverse cycle models the Ciara™ series is perfect for small to medium spaces.

BUILT-IN WI-FI
Wi-Fi & voice control compatibility now included as standard*. Control your heat pump anywhere, anytime with your smartphone*.

BACKLIT REMOTE CONTROL
Easy to use remote with backlit screen for dark/night time operation. Accurate temperature control via 0.5°C increments.

SILENT MODES
Two levels of silent mode are available to further reduce the outdoor unit noise level.

COMPACT DESIGN
A compact and lightweight design allows for improved installation flexibility and installation into smaller spaces such as apartments.

CIARA SERIES				1.5kW	2.0kW	2.5kW	3.3kW	5.0kW	6.3kW	7.1kW
Cooling Capacity			kW	1.5	2.0	2.5	3.3	5.0	6.3	7.1
Heating Capacity				2.0	2.7	3.0	3.8	5.8	7.1	8.0
Star Energy Rating (GEMS 2019)	Hot	Cooling	Stars	★★½ (2.5)	★★★½ (3.5)	★★★★ (4.0)	★★★½ (3.5)	★★★ (3.0)	★★★½ (3.5)	★★★½ (3.5)
		Heating		★★★½ (3.5)	★★★½ (3.5)	★★★½ (3.5)	★★★½ (3.5)	★★★ (3.0)	★★★ (3.0)	★★★ (3.0)
	Average	Cooling		★½ (1.5)	★★½ (2.5)	★★★ (3.0)	★★★ (3.0)	★★★ (3.0)	★★★½ (3.5)	★★★ (3.0)
		Heating		★★★ (3.0)	★★★ (3.0)	★★★ (3.0)	★★★ (3.0)	★★½ (2.5)	★★½ (2.5)	★★½ (2.5)
	Cold	Cooling		★½ (1.5)	★★½ (2.5)	★★★ (3.0)	★★★ (3.0)	★★★ (3.0)	★★★½ (3.5)	★★★½ (3.5)
		Heating		★★★ (3.0)	★★½ (2.5)	★★½ (2.5)	★★½ (2.5)	★★ (2.0)	★★ (2.0)	★★ (2.0)

DXC05ZTLA-W outdoor unit shown.
*Voice control & voice commands available in conjunction with 3rd party smart devices such as Google Nest® or Amazon® Alexa® Devices.
Note: 1x user account per smartphone with up to 4x individual user accounts per individual Wi-Fi device
Some functions may not be available as voice commands or accessible via 3rd party apps.
Smart M-AIR App compatible models: Android OS8-13 & Apple iOS 14-18.

OTHER CONTROL OPTIONS
(SOLD SEPARATELY)

WIRED

WERA™ Series

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

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.

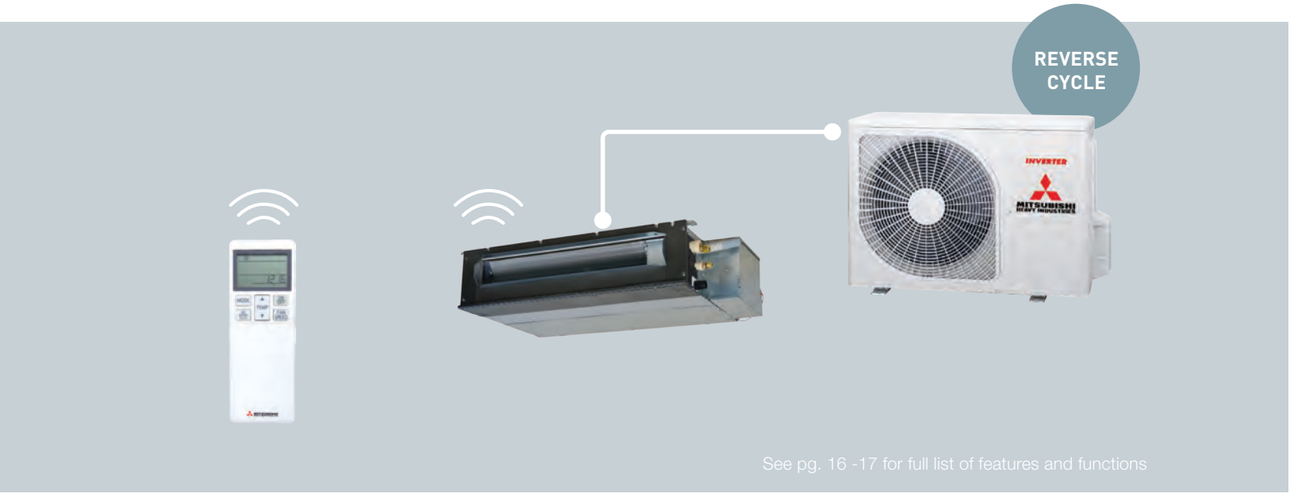
WERA SERIES				2.5kW	3.5kW	5.0kW
Cooling Capacity			kW	2.5	3.5	5.0
Heating Capacity				3.4	4.5	5.8
Star Energy Rating (GEMS 2019)	Hot	Cooling	Stars	★★★★ (4)	★★★★ (4)	★★★½ (3.5)
		Heating		★★★½ (3.5)	★★★ (3)	★★★ (3)
	Average	Cooling		★★★½ (3.5)	★★★½ (3.5)	★★★ (3)
		Heating		★★★ (3)	★★½ (2.5)	★★½ (2.5)
	Cold	Cooling		★★★½ (3.5)	★★★½ (3.5)	★★★ (3)
		Heating		★★½ (2.5)	★★ (2)	★★ (2)

SRC50ZSXA-W outdoor unit shown

OTHER CONTROL OPTIONS
(SOLD SEPARATELY)

Wi-Fi WIRED

AKARI™ Series



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

Bulkhead Systems
2.5kW | 3.5kW | 5.0kW | 5.6kW

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	5.0kW	5.6kW
Cooling Capacity			kW	2.5	3.5	5.0	5.6
Heating Capacity				3.4	4.2	5.4	6.7
Star Energy Rating (GEMS 2019)	Hot	Cooling	Stars	★★★½ (3.5)	★★★½ (3.5)	★★★ (3)	★★★ (3)
		Heating		★★★½ (3.5)	★★★ (3)	★★★½ (3.5)	★★★ (3)
	Average	Cooling		★★★ (3)	★★★ (3)	★★★ (3)	★★½ (2.5)
		Heating		★★★ (3)	★★½ (2.5)	★★½ (2.5)	★★½ (2.5)
	Cold	Cooling		★★★ (3)	★★★ (3)	★★★ (3)	★★★ (3)
		Heating		★★½ (2.5)	★★½ (2.5)	★★ (2)	★★ (2)

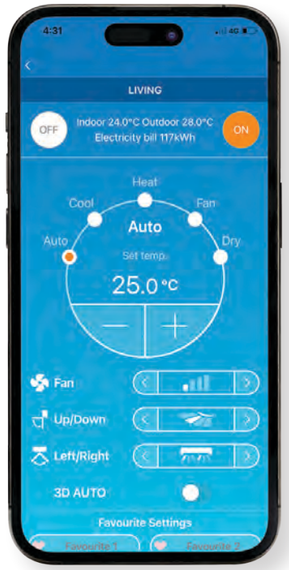
DXC09-12ZSA-W outdoor unit shown

OTHER CONTROL OPTIONS
(SOLD SEPARATELY)

Wi-Fi WIRED

Wi-Fi Solution

Ciara™ Series



SMART M-AIR APP WI-FI CONTROL

The Smart M-Air app allows you to control your Ciara™ series system from anywhere at anytime via either Wi-Fi or the internet*.

- Control your system using your smart device (iPhone, Android) via the Smart M-Air app
- Control the set temperature, operation mode and fan speed remotely.
- Set multple operation timers
- View power usage
- Control your system using Voice Command via your Google or Amazon smart speaker device*.

M-Air

GET IT ON Google Play

Download on the App Store

Compatible with

Amazon Alexa Google Assistant

*Voice control & voice commands available in conjunction with 3rd party smart devices such as Google Nest® or Amazon® Alexa® Devices. Note: 1x user account per smartphone with up to 4x individual user accounts per individual Wi-Fi device. Some functions may not be available as voice commands or accessible via 3rd party apps. Smart M-AIR App compatible models Android OS and Apple IOS - please check app stores for the latest supported Operating System versions.

VOICE CONTROL

- Control your system via the Smart M-Air app and your smart speaker

SMART SPEAKER

OK Google, Turn down the temperature in the living room

Alexa, Turn off the bedroom

AMAZON ALEXA™

FUNCTIONS

- Turn heat pump On/Off
- Change operating mode (Auto/Cool/Heat)
- Change set temperature
- Checking operating condition
- Detect heat pump

GOOGLE ASSISTANT™

FUNCTIONS

- Turn heat pump On/Off
- Change operating mode (Auto/Cool/Heat/Fan/Dry)
- Change set temperature
- Checking operating condition
- Synchronize heat pumps

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.

Features and Functions

	FEATURE/FUNCTION		DESCRIPTION	AVANTI	BRONTE	CIARA	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.	■	■	■	■	■
		Built-in Wi-Fi	Control your system anywhere, anytime with your smartphone via Wi-Fi & voice control included as standard			■		
		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 ena-bled 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		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 micro-computer 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.	■	■	■	■	

*Weekly timers only available via the Smart M-Air app for Ciara series

Features and Functions

	FEATURE/FUNCTION		DESCRIPTION	AVANTI	BRONTE	CIARA	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.					
		Economy Mode	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.	■	■	■		

NOTES:

AVANTI® SERIES

CAPACITY				2.0kW	2.5kW	3.5kW	5.0kW
Indoor				DXK06ZSA-W	DXK09ZSA-W	DXK12ZSA-W	DXK18ZSA-W
Outdoor				DXC06ZSA-W	DXC09ZSA-W	DXC12ZSA-W	DXC18ZSA-W
Power Source (Outdoor Unit)				1 Phase 240V 50Hz			
*Operation Data	Nominal Capacity (Range)	Cooling T1	kW	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 (0.27-1.86)
		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)
	Maximum Power Consumption			1.65	1.65	1.65	2.68
	Running Current	Cooling T1	A	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	dB(A)	56	58	62	61
	Sound Pressure Level (JIS C9612)	Indoor		35-27-22-19	40-31-22-19	43-34-27-19	43-36-28-22
		Outdoor		44	45	50	49
Energy Label (GEMS 2019)	Hot	Cooling	Stars	★★★★½ (4.5)	★★★★½ (4.5)	★★★★ (4)	★★★½ (3.5)
		Heating		★★★½ (3.5)	★★★½ (3.5)	★★★½ (3.5)	★★★½ (3.5)
	Average	Cooling		★★★★ (4)	★★★½ (3.5)	★★★½ (3.5)	★★★ (3)
		Heating		★★★½ (3.5)	★★★ (3)	★★★ (3)	★★½ (2.5)
	Cold	Cooling		★★★★ (4)	★★★½ (3.5)	★★★½ (3.5)	★★★ (3)
		Heating		★★★ (3)	★★★ (3)	★★½ (2.5)	★★ (2)
External dimensions (HXWXD)		Indoor	mm	290x870x230	290x870x230	290x870x230	290x870x230
		Outdoor		540x780(+62)x290	540x780(+62)x290	540x780(+62)x290	640x800(+71)x290
Net weight		Indoor	kg	9.5	10	10	10
		Outdoor		33	36	36	43.5
Airflow		Cooling (Indoor)	l/s	165-127-93-83	182-140-88-78	205-152-117-78	213-175-113-93
		Heating (Indoor)		190-142-108-93	237-182-110-88	250-193-117-88	253-198-152-113
Installation Data	Refrigerant (Type, Amount, Pre-charge Length)	Quantity	kg	(R32) 0.58	(R32) 0.75	(R32) 0.75	(R32) 1.05
		Pre-Charged to Pipe	m	15	15	15	15
	Refrigerant Piping	Liquid line	mm	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)		m	20			25
	Max Vertical Height Diff. Between O.U. and I.U.			10 (O.U. above I.U.) / 10 (O.U. below I.U.)			15 (O.U. above I.U.) / 15 (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

* Operation data has been gathered in accordance with AS/NZS 3823 standards. For testing conditions please refer to Page 23.

BRONTE® SERIES

CAPACITY				6.3kW	7.1kW	8.0kW	9.5kW	10.0kW	10.0kW
Indoor				DXK21ZRA-W	DXK24ZRA-W	DXK28ZRA-W	DXK33ZRA-W	SRK100ZR-W	SRK100ZR-W
Outdoor				DXC21ZRA-W	DXC24ZRA-W	DXC28ZRA-W	DXC33ZRA-W	FDCA100VNA-W	FDCA100VSA-W
Power Source (Outdoor Unit)				1 Phase 240V 50Hz					3 Phase 400V 50Hz
*Operation Data	Nominal Capacity (Range)	Cooling T1	kW	6.3 (1.2~7.4)	7.1 (2.3~8.3)	8.0 (2.3~9.5)	9.5 (2.5~10.6)	10.0 (4.0~11.2)	10.0 (4.0~11.2)
		Heating H1		7.1 (0.8 ~9.2)	8.0 (2.0~10.9)	9.0 (2.1~11.2)	10.3 (3.2 ~11.9)	11.2 (4.0 ~12.5)	11.2 (4.0 ~12.5)
		Heating H2		7.0	8.1	8.2	9.6	7.7	7.7
	Power Consumption	Cooling T1		1.58 (0.2~2.5)	1.84 (0.48~2.4)	2.22 (0.48~3.1)	2.56 (0.5-3.2)	3.19	3.19
		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)	3.04	3.04
	Maximum Power Consumption			2.90	3.65	3.65	3.80	6.4	10.20
	Running Current	Cooling T1	A	6.7	7.8	9.4	10.8	14.3	4.8
		Heating H1		6.7	8.6	10.2	11.1	13.6	4.6
	Inrush Current, Maximum Current			6.7, 14.5	8.6, 17.0	10.2, 17.0	11.1, 17.5	5, 24	5, 15
	EER	Cooling T1		3.99	3.86	3.60	3.71	3.13	3.13
	COP	Heating H1		4.44	3.96	3.75	3.90	3.68	3.68
	Sound Power Level (JIS C9612)	Outdoor	dB(A)	64	65	68	69	69	69
	Sound Pressure Level (JIS C9612)	Indoor		44-39-35-25	43-40-36-24	46-43-38-25	48-45-40-26	48-45-40-27	48-45-40-27
		Outdoor		54	53	56	57	54	54
Energy Label (GEMS 2019)	Hot	Cooling	Stars	★★★★ (4)	★★★½ (3.5)	★★★½ (3.5)	★★★½ (3.5)	★★★ (3)	★★★ (3)
		Heating		★★★½ (3.5)	★★★ (3)	★★★ (3)	★★★½ (3.5)	★★½ (2.5)	★★½ (2.5)
	Average	Cooling		★★★½ (3.5)	★★★½ (3.5)	★★★ (3)	★★★ (3)	★★½ (2.5)	★★½ (2.5)
		Heating		★★★ (3)	★★½ (2.5)	★★½ (2.5)	★★½ (2.5)	★½ (1.5)	★½ (1.5)
	Cold	Cooling		★★★½ (3.5)	★★★½ (3.5)	★★★½ (3.5)	★★★½ (3.5)	★★★ (3)	★★★ (3)
		Heating		★★½ (2.5)	★★ (2)	★★ (2)	★★ (2)	★ (1)	★ (1)
External dimensions (HXWXD)		Indoor	mm	339x1197x262	339x1197x262	339x1197x262	339x1197x262	339x1197x262	339x1197x262
		Outdoor		640x800(+71)x290	750x880(+88)x340	750x880(+88)x340	845x970(+89)x370	845x970x370	845x970x370
Net weight		Indoor	kg	15.5	15.5	15.5	16.5	16.5	16.5
		Outdoor		45	58	58	70.5	77	78
Airflow		Cooling (Indoor)	l/s	342-301-262-173	342-310-270-174	383-345-300-182	408-355-293-173	408-355-293-173	408-355-293-173
		Heating (Indoor)		392-317-275-218	425-330-288-222	450-363-315-234	458-386-318-227	458-386-318-227	458-386-318-227
Installation Data	Refrigerant (Type, Amount, Pre-charge Length)	Quantity	kg	(R32) 1.25	(R32) 1.6	(R32) 1.6	(R32) 2.0	(R32) 3.3	(R32) 3.3
		Pre-Charged to Pipe	m	15	15	15	15	30	30
	Refrigerant Piping	Liquid line	mm	Ø6.35 (1/4")	Ø6.35 (1/4")	Ø6.35 (1/4")	Ø9.52 (3/8")	Ø9.52 (3/8")	Ø9.52
		Gas line		Ø12.7 (1/2")	Ø15.88 (5/8")	Ø15.88 (5/8")	Ø15.88 (5/8")	Ø15.88 (5/8")	Ø15.88
	Connection Method			Flare connection					
	Maximum Pipe Length (One Way)		m	30				50	
	Max Vertical Height Diff. Between O.U. and I.U.			20 (O.U. above I.U.) / 20 (O.U. below I.U.)				50 (O.U above I.U) / 15 (O.U below I.U)	
Standard accessories				Allergen Clear & Photocatalytic Washable Deodorizing Filter		Allergen Clear & Photocatalytic Washable Deodorizing Filter			
Optional parts				Interface kit (SC-BIKN2-E) / Wi-Fi Kit					
* O Demand Response (AS4755)				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 23.

CIARA™ SERIES

CAPACITY				1.5kW	2.0kW	2.5kW	3.3kW	5.0kW	6.3kW	7.1kW
Indoor				DXK05ZTLA-WF	DXK07ZTLA-WF	DXK09ZTLA-WF	DXK12ZTLA-WF	DXK18ZTLA-WF	DXK21ZTLA-WF	DXK24ZTLA-WF
Outdoor				DXC05ZTLA-W	DXC07ZTLA-W	DXC09ZTLA-W	DXC12ZTLA-W	DXC18ZTLA-W	DXC21ZTLA-W	DXC24ZTLA-W
Power Source (Outdoor Unit)				1 Phase, 220 - 240V, 50Hz						
*Operation Data	Nominal Capacity (Range)	Cooling T1	kW	1.5 (0.7~2.5)	2.0 (0.7~2.8)	2.5 (0.8~3.2)	3.3 (0.8~3.7)	5.0 (1.3~5.3)	6.3 (1.2~7.1)	7.1 (1.2~7.3)
		Heating H1		2.0 (0.9 ~4.1)	2.7 (0.9 ~4.2)	3.0 (1.0~4.8)	3.8 (1.0~4.9)	5.8 (1.3~6.3)	7.1 (1.0~8.5)	8.0 (1.1~9.4)
		Heating H2		3.10	3.2	3.8	3.9	4.6	6.6	7.42
	Power Consumption	Cooling T1		0.35 (0.20~0.85)	0.51 (0.20~0.92)	0.58 (0.19~0.95)	0.90 (0.19~1.30)	1.59 (0.29-1.77)	1.84 (0.27-2.39)	2.27 (0.28 - 2.67)
		Heating H1		0.42 (0.21~1.39)	0.64 (0.21~1.40)	0.66 (0.21~1.48)	0.90 (0.21~1.50)	1.62 (0.27~2.04)	2.01 (0.25~2.89)	2.30 (0.26 - 3.42)
	Maximum Power Consumption			1.55	1.55	1.65	1.65	2.25	3.18	3.76
	Running Current	Cooling T1	A	1.90	2.7	3.1	4.1	6.7	7.7	9.6
		Heating H1		2.30	3.4	3.5	4.1	6.8	8.5	9.7
	Inrush Current, Maximum Current			2.4, 9.0	3.5, 9.0	3.6, 9.0	4.9, 9.0	5.0, 14.5	5.0, 17	5.0, 17
	EER	Cooling T1		4.29	3.92	4.31	3.67	3.14	3.42	3.13
	COP	Heating H1		4.76	4.22	4.55	4.22	3.58	3.53	3.48
	Sound Power Level (JIS C9612)	Outdoor	dB(A)	56	57	58	61	64	64	67
	Sound Pressure Level (JIS C9612)	Indoor		36-30-23-19	37-31-23-19	41-36-26-22	45-37-27-22	47-40-32-25	46-43-38-30	49-44-39-31
		Outdoor		43	45	47	50	52	52	55
Energy Label (GEMS 2019)	Hot	Cooling	Stars	★★½ (2.5)	★★★½ (3.5)	★★★★ (4.0)	★★★½ (3.5)	★★★ (3.0)	★★★½ (3.5)	★★★½ (3.5)
		Heating		★★★½ (3.5)	★★★½ (3.5)	★★★½ (3.5)	★★★½ (3.5)	★★★ (3.0)	★★★ (3.0)	★★★ (3.0)
	Average	Cooling		★½ (1.5)	★★½ (2.5)	★★★ (3.0)	★★★ (3.0)	★★★ (3.0)	★★★½ (3.5)	★★★ (3.0)
		Heating		★★★ (3.0)	★★★ (3.0)	★★★ (3.0)	★★★ (3.0)	★★½ (2.5)	★★½ (2.5)	★★½ (2.5)
	Cold	Cooling		★½ (1.5)	★★½ (2.5)	★★★ (3.0)	★★★ (3.0)	★★★ (3.0)	★★★½ (3.5)	★★★½ (3.5)
		Heating		★★★ (3.0)	★★½ (2.5)	★★½ (2.5)	★★½ (2.5)	★★ (2.0)	★★ (2.0)	★★ (2.0)
External dimensions (HXWXD)		Indoor	mm	294x798x210	294x798x210	294x798x210	294x798x210	294x798x210	294x998x230	294x998x230
		Outdoor		540x645(+57)x275	540x645(+57)x275	540x645(+57)x275	540x645(+57)x275	595x780(+62)x290	640x800(+71)x290	640x800(+71)x290
Net weight		Indoor	kg	8.5	8.5	9.0	9.0	9.5	12	12
		Outdoor		22	22	24	24	33	42.5	42.5
Airflow		Cooling (Indoor)	l/s	158-125-82-63	165-130-82-63	167-133-88-73	187-142-90-73	208-173-120-90	283-245-202-157	320-253-210-157
		Heating (Indoor)		167-145-97-73	173-152-103-73	183-157-108-83	197-163-113-83	210-192-148-107	307-287-235-193	345-295-243-193
Installation Data	Refrigerant (Type, Amount, Pre-charge Length)	Quantity	kg	(R32) 0.43	(R32) 0.43	(R32) 0.59	(R32) 0.59	(R32) 0.9	(R32) 1.20	(R32) 1.20
		Pre-Charged to Pipe	m	10	10	10	10	15	15	15
	Refrigerant Piping	Liquid line	mm	Ø6.35 (1/4")	Ø6.35 (1/4")	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")	Ø9.52 (3/8")	Ø12.7 (1/2")	Ø12.7 (1/2")	Ø12.7 (1/2")
	Connection Method			Flare connection						
	Maximum Pipe Length (One Way)		m	20	20	20	20	25	30	30
	Max Vertical Height Diff. Between O.U. and I.U.			15 (O.U. above I.U.) / 15 (O.U. below I.U.)				20 (O.U. above I.U.) / 20 (O.U. below I.U.)		
Standard accessories				Allergen Clear Filter x 1, Wi-Fi						
Optional parts				Interface kit (SC-BIKN2-E) / Photocatalytic Washable Deodorizing Filter						
Demand Response (AS4755)				No	No	No	No	Yes	Yes	Yes

* Operation data has been gathered in accordance with AS/NZS 3823 standards. For testing conditions please refer to Page 23.

WERA™ SERIES

CAPACITY				2.5kW	3.5kW	5.0kW
Indoor				SRF25ZS-W	SRF35ZS-W	SRF50ZSX-W
Outdoor				SRC25ZSA-W	SRC35ZSA-W	SRC50ZSXA-W
Power Source (Outdoor Unit)				1 Phase 240V 50Hz		
*Operation Data	Nominal Capacity (Range)	Cooling T1	kW	2.5 (0.9-3.2)	3.5 (0.9-4.1)	5.0 (1.1-5.6)
		Heating H1		3.4 (0.9-4.7)	4.5 (0.8-5.2)	6.0 (0.8-7.4)
		Heating H2		3.45	3.80	5.60
	Power Consumption	Cooling T1		0.50 (0.17-0.82)	0.82 (0.18-1.33)	1.32 (0.19-1.90)
		Heating H1		0.74 (0.19-1.29)	1.12 (0.19-1.53)	1.58 (0.19-2.34)
	Maximum Power Consumption			1.65	1.65	2.90
	Running Current	Cooling T1	A	2.5	3.7	5.6
		Heating H1		3.4	4.9	6.6
	Inrush Current, Maximum Current			3.6, 9.0	5.0, 9,0	5.0, 15.0
	EER	Cooling T1		5.00	4.27	3.79
	COP	Heating H1		4.59	4.02	3.80
	Sound Power Level (JIS C9612)	Outdoor	dB(A)	60	63	63
	Sound Pressure Level (JIS C9612)	Indoor		37-32-29-26	40-35-33-29	46-38-33-28
		Outdoor		46	50	51
Energy Label (GEMS 2019)	Hot	Cooling	Stars	★★★★ (4)	★★★★ (4)	★★★½ (3.5)
		Heating		★★★½ (3.5)	★★★ (3)	★★★ (3)
	Average	Cooling		★★★½ (3.5)	★★★½ (3.5)	★★★ (3)
		Heating		★★★ (3)	★★★½ (2.5)	★★½ (2.5)
	Cold	Cooling		★★★½ (3.5)	★★★½ (3.5)	★★★ (3)
		Heating		★★½ (2.5)	★★ (2)	★★ (2)
External dimensions (HXWXD)			Indoor	mm	600x860x238	600x860x238	600x860x238
			Outdoor		540x780(+62)x290	540x780(+62)x290	640x800(+71)x290
Net weight			Indoor	kg	18	19	19
			Outdoor		34.5	34.5	45
Airflow			Cooling (Indoor)	l/s	150-126-111-96	153-130-121-106	192-160-123-110
			Heating (Indoor)		175-136-128-110	178-138-135-123	200-167-157-127
Installation Data	Refrigerant (Type, Amount, Pre-charge Length)		Quantity	kg	(R32) 0.78	(R32) 0.78	(R32) 1.30
			Pre-Charged to Pipe	m	15	15	15
	Refrigerant Piping		Liquid line	mm	Ø6.35 (1/4")	Ø6.35 (1/4")	Ø6.35 (1/4")
			Gas line		Ø9.52 (3/8")	Ø9.52 (3/8")	Ø12.7 (1/2")
	Connection Method				Flare connection		
	Maximum Pipe Length (One Way)			m	20		30
	Max Vertical Height Diff. Between O.U. and I.U.				10 (O.U. above I.U.) / 10 (O.U. below I.U.)		20 (O.U. above I.U.) / 20 (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

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

AKARI™ SERIES

CAPACITY				2.5kW	3.5kW	5.0kW	5.6kW
Indoor				SRR25ZS-W	SRR35ZS-W	SRR50ZS-W	SRR60ZS-W
Outdoor				SRC25ZSA-W	SRC35ZSA-W	SRC50ZSXA-W	SRC60ZSXA-W
Power Source (Outdoor Unit)				1 Phase 240V 50Hz			
*Operation Data	Nominal Capacity (Range)	Cooling T1	kW	2.5 (0.9-3.4)	3.5 (0.9-4.1)	5.0 (1.2-6.0)	5.6 (1.2-6.5)
		Heating H1		3.4 (0.9-5.0)	4.2 (1.0-5.2)	5.4 (1.0-8.2)	6.7 (1.0 -8.6)
		Heating H2		3.55	4.1	6.0	6.8
	Power Consumption	Cooling T1		0.56 (0.20-0.90)	0.93 (0.19-1.26)	1.42 (0.22-2.02)	1.70 (0.22-2.57)
		Heating H1		0.75 (0.20-1.42)	1.01 (0.20-1.45)	1.39 (0.2-2.86)	1.89 (0.2-2.89)
	Maximum Power Consumption			1.65	1.65	2.9	2.9
	Running Current	Cooling T1	A	2.7	4.2	6	7.2
		Heating H1		3.5	4.5	5.9	8
	Inrush Current, Maximum Current			3.5, 9.0	4.5, 9.0	5.0, 15.0	5.0, 15.0
	EER	Cooling T1		4.46	3.76	3.52	3.29
	COP	Heating H1		4.53	4.16	3.88	3.54
	Sound Power Level (JIS C9612)	Outdoor	dB(A)	59	62	63	65
	Sound Pressure Level (JIS C9612)	Indoor		37-33-30-24	38-34-31-25	41-37-34-29	44-38-35-30
		Outdoor		47	50	51	52
Energy Label (GEMS 2019)	Hot	Cooling	Stars	★★★½ (3.5)	★★★½ (3.5)	★★★ (3)	★★★ (3)
		Heating		★★★½ (3.5)	★★★ (3)	★★★½ (3.5)	★★★ (3)
	Aver-age	Cooling		★★★ (3)	★★★ (3)	★★★ (3)	★★½ (2.5)
		Heating		★★★ (3)	★★½ (2.5)	★★½ (2.5)	★★½ (2.5)
	Cold	Cooling		★★★ (3)	★★★ (3)	★★★ (3)	★★★ (3)
		Heating		★★½ (2.5)	★★½ (2.5)	★★ (2)	★★ (2)
External dimensions (HXWXD)			Indoor	mm	200x750(+120)x500	200x750(+120)x500	200x950(+120)x500	200x950(+120)x500
			Outdoor		540x780(+62)x290	540x780(+62)x290	640x800(+71)x290	640x800(+71)x290
Net weight			Indoor	kg	20.5	20.5	24	24
			Outdoor		34.5	34.5	45	45
Airflow			Cooling (Indoor)	l/s	158-133-108-75	167-142-117-83	225-183-167-125	242-192-175-133
			Heating (Indoor)		167-150-133-100	175-158-142-108	233-208-183-142	250-217-192-150
Installation Data	Refrigerant (Type, Amount, Pre-charge Length)		Quantity	kg	(R32) 0.78	(R32) 0.78	(R32) 1.3	(R32) 1.3
			Pre-Charged to Pipe	m	15	15	15	15
	Refrigerant Piping		Liquid line	mm	Ø6.35	Ø6.35	Ø6.35	Ø6.35
			Gas line		Ø9.52	Ø9.52	Ø12.7	Ø12.7
	Connection Method				Flare connection			
	Maximum Pipe Length (One Way)			m	20		30	
	Max Vertical Height Diff. Between O.U. and I.U.				10 (O.U. above I.U.) / 10 (O.U. below I.U.)		20 (O.U. above I.U.) / 20 (O.U. below I.U.)	
Standard accessories					Polypropylene net x1			
Optional parts					Interface kit (SC-BIKN2-E) / Wi-Fi Kit			
Demand Response (AS4755)					Yes	Yes	Yes	Yes

Item / Operation	Indoor Air Temperature DB	Indoor Air Temperature WB	Outdoor Air Temperature DB	Outdoor Air Temperature WB	Standards
Cooling	27°C	19°C	35°C	24°C	AS/NZ 3823.2
Heating	20°C	-	7°C	6°C	

(1) The data is measured at the conditions mentioned in the table to the left.
(2) The air-conditioner is manufactured and tested in conformity with the AS/NZS.
(3) Sound level indicates the value in an anechoic chamber. During operation these values are somewhat higher due to ambient conditions.
(4) Select the breaker size according to applicable national standard.
(5) The operation data indicates when the air-conditioner is operated at 240V 50Hz.

*(1) The data is measured at the following conditions:

mhiheatpumps.co.nz G.S.T. 105-673-620

New Zealand: Phone: **0800 138 007**

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Mitsubishi Heavy Industries Air-conditioners Australia, Pty. Ltd.
New Zealand Branch

MOVE THE WORLD FORWARD MITSUBISHI HEAVY INDUSTRIES GROUP