

TOSHIBA



TOSHIBA MULTI SPLIT SYSTEMS

Surpassing Expectations



WHY CHOOSE TOSHIBA AIR CONDITIONERS?

Being comfortable in your home means much more than controlling the temperature. Toshiba heat pumps are designed for flexibility in application with low operating noise and improved air quality, and above all, reliability. So, you get all year-round comfort plus accurate temperature control.

FLEXIBLE RANGE

Whether you are looking to cool a small bedroom or a large living space, the range of Toshiba's residential heat pump solutions are ideal for all areas of your home. From wall mounted split systems to floor standing or inverter ducted systems, Toshiba has a wide variety of heating and cooling solutions to suit your requirements.

AFTER SALES SERVICE

Problems tend to happen when you least expect them. Our in-house technical support team is unlike any other and it's easy to know why.

You can count on our in-house technical support to assist you with anything you may need. We take this duty very seriously, so you can rest assured you will have dependable, ongoing support every time.

PEACE OF MIND

At Toshiba, we are confident our heat pumps can withstand any conditions of the New Zealand climate, which is why we offer 5-year warranty across our entire range of air conditioning products, New Zealand-wide for all residential applications.

REDUCING GWP WITH R32

Our world is as precious as it is delicate, it's our responsibility to help take care of it.

Heat pumps circulate refrigerants to cool and heat air, recently some of these gases have been linked with environmental issues such as ozone depletion and climate change.

Choosing the right refrigerant requires consideration of all related issues and a holistic approach. It needs to be safe, but it also needs to be economical, efficient, and environmentally responsible.

R32 systems are more efficient as they require less refrigerant than R410a systems and because R32 is not mixed with other refrigerants, it can be recycled.

Using R32, we offer a better refrigerant combined with Toshiba's renowned high-level of performance and efficiency.

GWP = Global Warming Potential



TOSHIBA OFFERS FLEXIBLE SOLUTIONS



DUCT

Controllable comfort year-round. Ideal for bedroom applications.



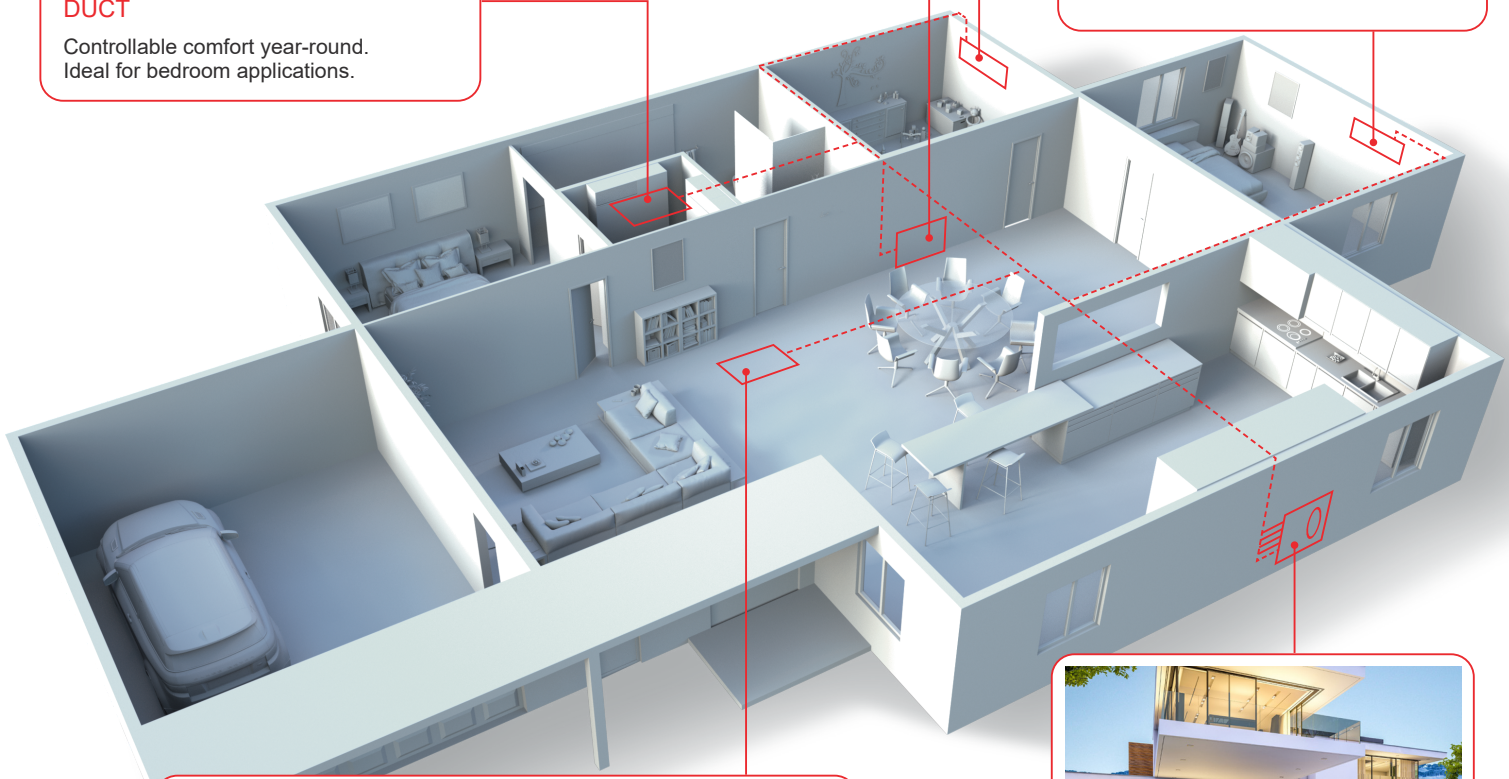
CONSOLE

Innovative and compact Bi-flow unit



SEIYA

New stylish, contemporary design offering freshness to any room.



4-WAY COMPACT CASSETTE

Enabling flexible installations, the compact design blends well with any room interior.



OUTDOOR UNITS

Compact units combining high efficiency and low operating noise.



TREAT YOURSELF TO JAPANESE QUALITY

DESIGN AND FLEXIBILITY

Innovation, efficiency, high reliability, energy savings - these powerful values are at the heart of everything we do at Toshiba. For over 50 years, Toshiba has been providing its clients with the precision and expertise of Japanese quality.



TOSHIBA'S TWIN ROTARY COMPRESSOR

Toshiba's Twin Rotary compressor brings outstanding performance without compromising on system reliability.

TWIN ROTARY COMPRESSOR

Our proprietary Toshiba Twin Rotary compressor and inverter provide optimum control for maximising performance efficiency. With a rotor in each compression chamber, Toshiba Twin Rotary compressor systems are compact, lightweight, and low vibration while requiring less space for installation.

DLC TREATMENT

Toshiba's Diamond Like Carbon coating technology is unique to Toshiba's compressors.

It covers the wear surfaces on compression vanes for outstanding hardness and wear resistance, enhancing both the compressor's performance and durability.



Large capacity



Wide operating range



DLC Treatment

A woman with curly hair is sitting on the floor in a bright, modern living room. She is wearing a white t-shirt with black horizontal stripes and light-colored pants. She is using a silver laptop and drinking from a blue mug. In the background, there is a large window with a view of greenery, a blue armchair, and a small wooden table with a vase of flowers.

TOSHIBA

COMMITTED TO EFFICIENCY & COMFORT

HIGH PERFORMANCE

Toshiba's high-quality solutions significantly reduce operating costs. Energy efficiency is increased, even under part load conditions where Toshiba inverters deliver their best results with low energy consumption.

FLEXIBILITY

Specifically designed for applications where space is key, the 2-room to 5-room systems are perfect for apartments and small homes. Despite its compact size, there is no compromise on efficiency.

NEW INDOOR LINE-UP

DESIGN AND FLEXIBILITY

The new Toshiba indoor units are a perfect fusion of aesthetics and technology. With their discreet look, their flowing lines, and simple curves, they are truly a high-tech decorative ornament. Their harmonious design and highly compact sizes blend perfectly into any home decor.



DUCTED

Ducted units offer reliable and controllable comfort year-round. It is a highly flexible solution for invisible installation, with no compromise on comfort.

- Low noise levels
- Flexible air inlet - rear & below
- Low profile design (210mm height)
- 4-step ESP adjustment (up to 45Pa)



SEIYA

SEIYA has been designed with maximum comfort in mind. Offering an array of features and high performance making everyday comfort a reality for all.

- Ultra quiet unit
- Magic Coil (Acrylic Resin Coated)
- Self Cleaning function
- IAQ Filter
- WiFi Control option



4-WAY COMPACT CASSETTE

The perfect light commercial solution for advanced air control and discreet design.

- Compact Panel (620 x 620mm) with a height of only 12mm
- Louvers close completely when the unit is off, for maximum discretion.
- Individual louver control
- Wired or Wireless control options







CONSOLE





A unique, flexible comfort solution for perfect heating and cooling of any room size.

- Premium air quality
- Bi-flow system allowing complete personalised flow
- Self Cleaning function

SYSTEM COMBINATION PATTERNS

		MULTI SPLIT INDOOR UNITS					
Indoor Units sizes		07	10	13	16	18	24
Indoor Units cooling capacity		2.0 kW	2.7 kW	3.7 kW	4.5 kW	5.0 kW	7.0 kW
High Wall - SEIYA RAS-M_E2KV2G-A		•	•	•	•		•
Console RAS-B_U2FVG-E1			•	•		•	
Compact Cassette RAS-M_U2MUVG-E			•	•	•		
Ducted RAS-M_U2DVG-E			•	•	•		•

• : Indoor units available sizes

		MULTI SPLIT OUTDOORS					
Indoor Units sizes		07	10	13	16	18	24
Indoor units cooling capacity		2.0 kW	2.7 kW	3.7 kW	4.5 kW	5.0 kW	7.0 kW
2 Rooms RAS-2M18U2AVG-A CDU Cooling capacity: 5.2kW		•	•	•	•		
3 Rooms RAS-3M26U2AVG-A CDU Cooling capacity: 7.5 kW		•	•	•	•	•	•
4 Rooms RAS-4M27U2AVG-A CDU Cooling capacity: 8.0 kW		•	•	•	•	•	•
5 Rooms RAS-5M34U2AVG-A CDU Cooling capacity: 10.0 kW		•	•	•	•	•	•

• : Indoor units sizes compatibility with outdoor units

CONTROLS AT YOUR FINGERTIPS

WIRELESS SOLUTIONS

HIGH WALL CONTROLLER



ONE TOUCH MY COMFORT

ONE TOUCH button is a fully automated operation that customises to your preferences. The customised settings control temperature, air flow strength, air flow direction and other settings.

- Automatic operation
- Dry operation
- Hi Power operation
- ECO operation
- Timer operation
- Comfort Sleep operation
- Quiet operation
- Self Cleaning operation

CONSOLE CONTROLLER

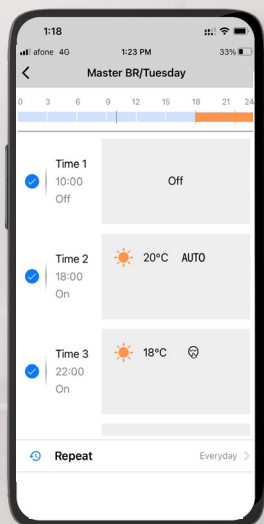


FLOOR WARMING MODE

When the unit is on heating mode and FLOOR WARMING mode is selected, the unit then blows air with a downward motion which allows for heating at floor level eliminating the discomfort of air blowing directly onto you.

- Automatic operation
- Hi Power operation
- ECO operation
- Weekly Timer operation
- Comfort Sleep operation
- Self Cleaning operation
- 8°C Heating operation

SMART APP



Customise your comfort, finding the perfect cooling or heating level for your family anytime, anywhere. When at home, simply replace your infrared remote control with the intuitive smart app.

- Automatic operation
- Power consumption tracking
- Hi Power operation
- Quiet operation
- Sleep Timer operation
- ON/OFF Timer operation
- 8°C Heating operation

INTUITIVE TOSHIBA CONTROLS

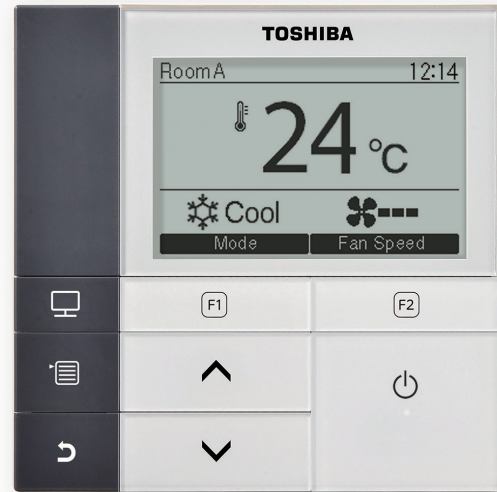
WIRED SOLUTIONS

DUCTED & COMPACT CASSETTE CONTROLLER

RB-RWS21-E [Optional]

The RB-RWS21-E controller is the local hard wired remote controller incorporating energy saving mode and 7-day timer for multi split compact cassette and ducted indoor units.

- LCD Display with backlit
- Eco mode to optimise energy consumption
- Quiet mode to operate super low fan speed
- Room temperature display always available
- Easy to read layout
- 7-Day timer with up to eight different settings per day
- Built in TA sensor
- Individual louver control



RB-RWS21-E

CASSETTE SPECIFIC CONTROL OPTIONS

Compact Cassette is an innovative product developed specifically for light commercial and business applications. It offers the very best of Toshiba's expertise in design, construction and control dedicated to optimum comfort, all year round.

SMART CONTROL

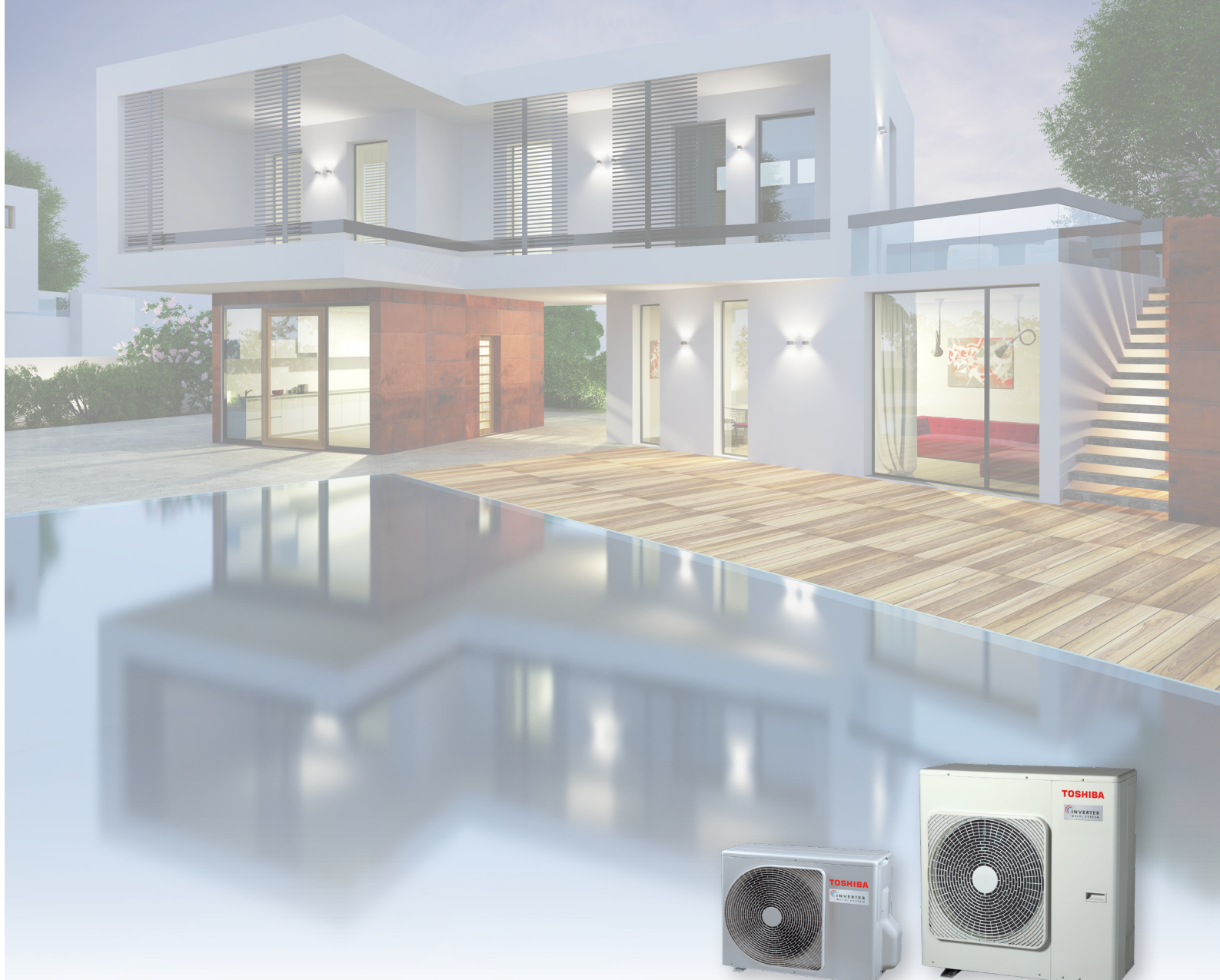
RBC-AXU31UM-E WIRELESS CONTROLLER KIT [Optional]

The wireless infra-red remote controller kit features an easy to use and compact button layout, standard control buttons that are always available with increased functions hidden under a sliding screen, and a temperature sensor which can be used in place of the indoor unit return air (TA) sensor.

- Automatic operation
- Hi Power operation
- Quiet operation
- Comfort Sleep operation
- ON / OFF Timer operation
- Adjust louver direction



RAS MULTI SPECIFICATIONS



OUTDOORS

Indoor unit		2-Room Multi Split RAS-2M18U2AVG-A	3-Room Multi Split RAS-3M26U2AVG-A	4-Room Multi Split RAS-4M27U2AVG-A	5-Room Multi Split RAS-5M34U2AVG-A
Rated Cooling Capacity	kW	5.20	7.50	8.00	10.00
Rated Heating Capacity	kW	5.60	9.00	9.00	12.00
EER	W/W	3.88	3.75	3.50	3.36
COP	W/W	4.71	4.09	4.67	4.24
Dimensions [H x W x D]	mm	630 x 800 x 300	890 x 900 x 320	890 x 900 x 320	890 x 900 x 320
Net Weight	Kg	45	72	72	78
Maximum Pipe Length Total		30	70	70	80
Maximum Height per unit	m	10	15	15	15
Pre-Charged Length		30	40	40	40
Operating Range	°C	-10 to 46	-10 to 46	-10 to 46	-10 to 46
	H	-15 to 24	-15 to 24	-15 to 24	-15 to 24
Power Supply	V / Ph / Hz	1Ph / 220-240V / 50Hz	1Ph / 220-240V / 50Hz	1Ph / 220-240V / 50Hz	1Ph / 220-240V / 50Hz

Refer to the Engineering Databook for details on these conditions and requirements.

Rate conditions: Cooling: Indoor 27 °C Dry Bulb / 19 °C Wet Bulb, Outdoor 35 °C Dry Bulb.
 Heating: Indoor 20 °C Dry Bulb, Outdoor 7 °C Dry Bulb / 6 °C Wet Bulb.
 Base on equivalent piping length of 7.5m and piping height difference of 0m.



SEIYA

Indoor unit		RAS-M07E2KV2G-A	RAS-M10E2KV2G-A	RAS-M13E2KV2G-A	RAS-M16E2KV2G-A	RAS-M24E2KV2G-A
Rated Cooling Capacity	kW	2.00	2.70	3.70	4.50	7.10
Rated Heating Capacity	kW	2.70	4.00	5.00	5.50	8.10
Dimensions [H x W x D]	mm	230 x 798 x 293	230 x 798 x 293	230 x 798 x 293	230 x 798 x 293	250 x 1050 x 320
Net Weight	Kg	9	9	9	10	14
Airflow Cooling	l/s	150	150	167	208	298
Airflow Heating	l/s	153	153	172	213	313
Liquid Pipe Size	mm	6.35	6.35	6.35	6.35	6.35
Gas Pipe Size	mm	9.52	9.52	9.52	12.70	12.70

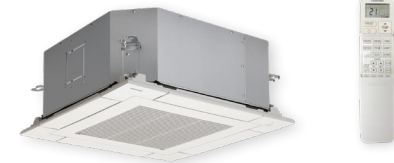
CONSOLE

Indoor unit		RAS-B10U2FVG-E1	RAS-B13U2FVG-E1	RAS-B18U2FVG-E1
Rated Cooling Capacity	kW	2.40	3.50	4.90
Rated Heating Capacity	kW	3.2	4.10	5.80
Dimensions [H x W x D]	mm	600 x 700 x 220	600 x 700 x 220	600 x 700 x 220
Net Weight	Kg	16	16	16
Airflow Cooling	l/s	130	142	167
Airflow Heating	l/s	142	153	178
Liquid Pipe Size	mm	6.35	6.35	6.35
Gas Pipe Size	mm	9.52	9.52	12.7



CASSETTE

Indoor unit		RAS-M10U2MUVG-E	RAS-M13U2MUVG-E	RAS-M16U2MUVG-E
Rated Cooling Capacity	kW	2.70	3.70	4.50
Rated Heating Capacity	kW	4.00	5.00	5.50
Dimensions [H x W x D]	mm	256 x 575 x 575	256 x 575 x 575	256 x 575 x 575
Net Weight	Kg	15	15	15
Airflow Cooling	l/s	163	172	183
Airflow Heating	l/s	163	172	183
Liquid Pipe Size	mm	6.35	6.35	6.35
Gas Pipe Size	mm	9.52	9.52	12.70



Options



DUCTED

Indoor unit		RAS-M10U2DVG-E	RAS-M13U2DVG-E	RAS-M16U2DVG-E	RAS-M24U2DVG-E
Rated Cooling Capacity	kW	2.70	3.70	4.50	7.10
Rated Heating Capacity	kW	4.00	5.00	5.50	8.10
Dimensions [H x W x D]	mm	210 x 700 x 450	210 x 700 x 450	210 x 900 x 450	210 x 1100 x 450
Net Weight	Kg	15	15	19	22
Airflow Cooling	l/s	159	170	217	294
Airflow Heating	l/s	159	170	217	294
Static Pressure	Pa	10 - 45Pa	10 - 45Pa	10 - 45Pa	10 - 45Pa
Liquid Pipe Size	mm	6.35	6.35	6.35	6.35
Gas Pipe Size	mm	9.52	9.52	12.70	12.70



Options



Refer to the Engineering Databook for details on these conditions and requirements.

Rate conditions: Cooling: Indoor 27 °C Dry Bulb / 19 °C Wet Bulb, Outdoor 35 °C Dry Bulb.
 Heating: Indoor 20 °C Dry Bulb, Outdoor 7 °C Dry Bulb / 6 °C Wet Bulb.
 Base on equivalent piping length of 7.5m and piping height difference of 0m.



TOSHIBA

Toshiba is committed to continuously improving its product to ensure the highest quality and reliability standards are met, and to meet local regulations and market requirements.

The specifications on this document may change without notice to allow Toshiba to incorporate the latest products and innovations for its customers. The information contained in this brochure are merely informative, they are not intended to be used in place of the Engineering or Installation Manuals.

Cooling and heating capacities mentioned for the products are nominal capacities at standard operating conditions.

All images provided in this document are used for illustration purposes only.

Equipment rates in accordance with MEPS GEMS 2019 Determination.

AHIC [New Zealand] Ltd, the importer and distributor of Toshiba branded heat pumps declines any responsibility in the broadcast sense, for damage, direct or indirect, arising from the use and interpretation of the recommendation in this document.

AHIC [New Zealand] Ltd

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