TOSHIBA
AIR CONDITIONING

TOSHIBA DUCTED SYSTEMS

Enjoy year round comfort

WHY CHOOSE TOSHIBA AIR CONDITIONERS?

Being comfortable in your home means much more than controlling the temperature. Toshiba air conditioners 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 air conditioning 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.

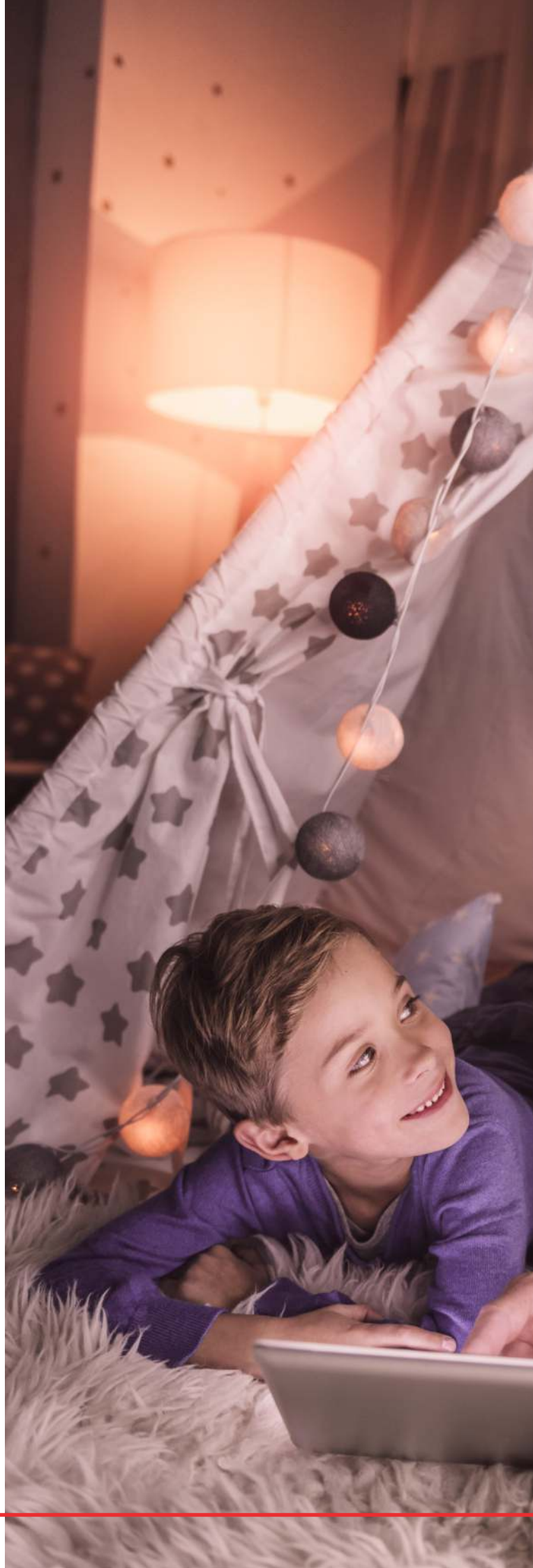
AFTER SALES SERVICE

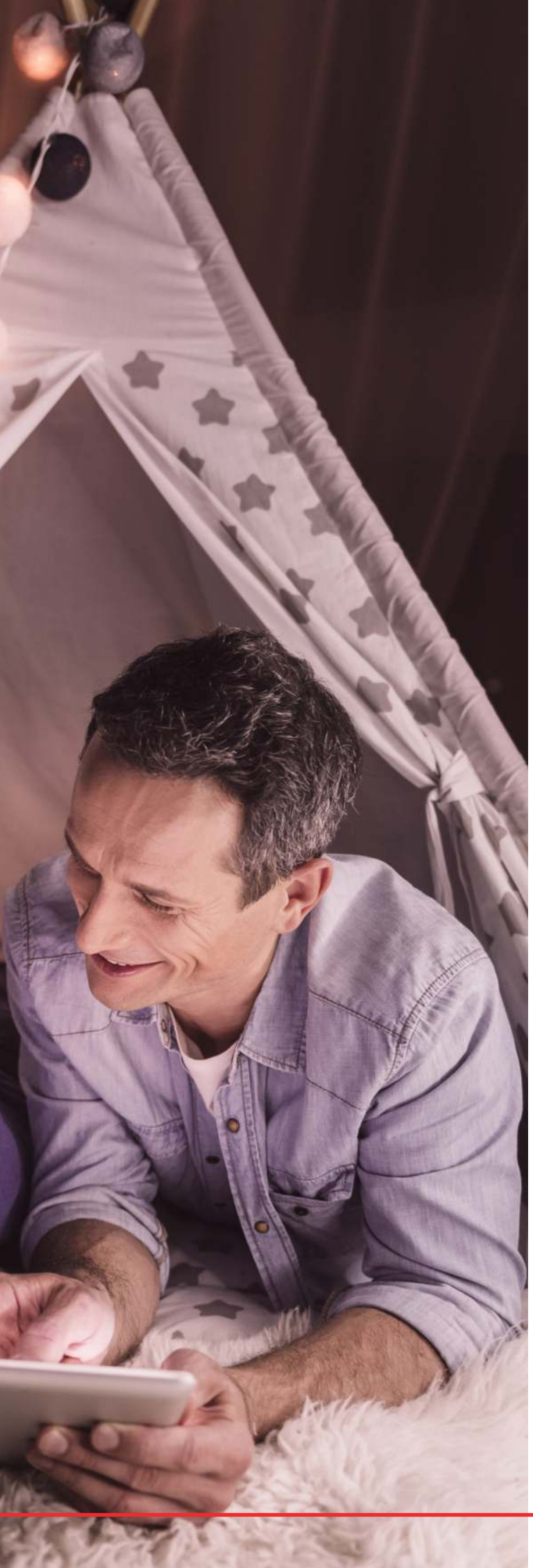
Problems tend to happen when you least expect them. Our in-house technical support team is unlike any other and it's easy to know why.

You can count on our exclusive 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 air conditioners can withstand the harsh conditions of the Australian climate, which is why we offer an extended 7-year warranty across our entire range of air conditioning products, Australia-wide for all residential applications.





TOSHIBA
AIR CONDITIONING

REDUCING GWP WITH R32

Our world is as precious as it is delicate, it's our responsibility to help take care of it. At Toshiba, our air conditioners employ a range of advance technologies to improve efficiency and minimise the environmental footprint.

Air conditioners 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 taking into account all related issues and a holistic approach. It needs to be safe, but it also needs to be economical, efficient, and environmentally responsible. Until now, the consensus was that there needed to be a trade-off.

At Toshiba, we believe R32 is the next generation refrigerant that, does not harm the ozone layer and offers a "global warming potential" that is about 3 times less than that of the current refrigerant - R410a.

R32 systems are also much 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
R32
REFRIGERANT

TOSHIBA
DUCTED SYSTEMS

Take control of your indoor climate quietly, effectively and inconspicuously with a Toshiba Inverter Ducted system.

Toshiba ducted systems have been designed to be installed into new homes or tailored to an existing home.

Through one system, you can keep the temperature of your bedroom cool and inviting; your kids' room comfortable for their daily activities and much more.

TOSHIBA DUCTED
HOW DOES IT WORK?

Toshiba Ducted systems work by channelling cool air from a central unit (indoor unit, usually installed in home's ceiling space) through a series of ducts to every room in your home.

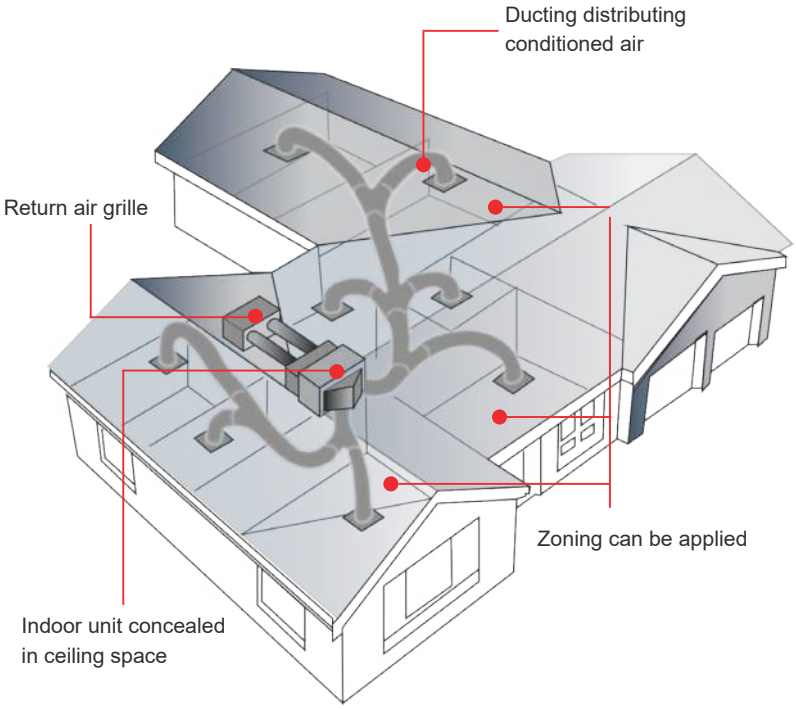
The circulation of air is usually zoned, allowing you to control airflow, temperature and turning on/off any zones.

This reduces the running costs and allows you to have the indoor temperature of your home comfortable for the Australian climate with hot summers and cold winters.

The primary components of your Toshiba Ducted System consist of the indoor unit, outdoor unit, and wall controller.

TOSHIBA
AIR CONDITIONING

DUCTED SYSTEM OVERVIEW



THE BENEFITS

Turning your whole house into an integrated cooling and heating machine is the ultimate in weather-defying comfort and with Toshiba's refinement in product design, it also brings forth several benefits.

BENEFITS

- Discreet
- Cost efficient
- Installation flexibility
- Controlled temperature with zoning
- Low operating sound levels
- Improved air quality
- Low maintenance
- Reliability

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 [Diamond Like Carbon]

TOSHIBA TECHNOLOGY

PAM

Pulse Amplitude Modulation [PAM] is a technology that controls the current waveform so that it resembles the supply voltage wave, thereby reducing loss and realising more efficient use of electricity.

With a PAM inverter, the voltage delivered to the compressor could be increased as needed, resulting in increased rotation speed.

Using PAM control, 98% of the input power supply is used effectively.

PWM

Pulse Width Modulation [PWM] helps to balance the compressor speed revolution, either higher speed when providing fast cooling, or slow speed when maintaining room temperature resulting in significantly reduced consumption.

INVERTER CONTROL

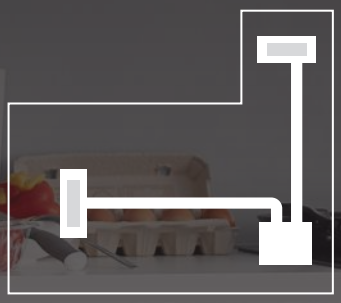
The inverter component allows for the Toshiba outdoor unit to vary its speed and output to match the required capacity of the indoor unit. Thus, the unit can achieve 30% more operating efficiency than conventional models and therefore, is more economical to run.

TOSHIBA
AIR CONDITIONING

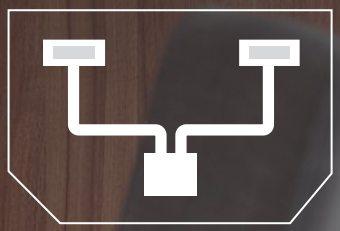
SEAMLESS DESIGN & INSTALLATION FLEXIBILITY

Toshiba ducted systems allow for a range of diffuser designs to best suit the home decor.

Versatile and easy installation also made possible with the capability of adjusting the distance between the air intake and the air outlet vents to create the optimal airflow configuration.



Polygon Rooms



Polygon Rooms

Narrow Rooms

Rooms with fixtures and obstacles

Endless product development has led to **installation flexibility** of Toshiba Ducted systems.

DUCTED
LINE-UP

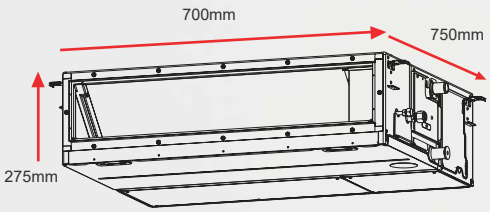
BUILT-IN DRAIN PUMP

Equipped with a built-in drain pump with a pressure lift of 850mm, increasing flexibility and installation speed.

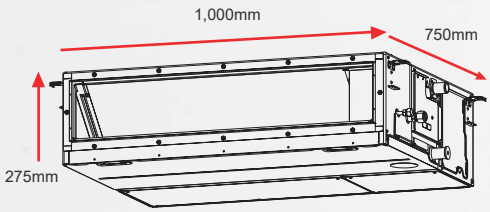
* Available on 5.0kW ~ 14.0kW indoor units

** Drain pump optional on the 20.0kW and 24.0kW indoor units

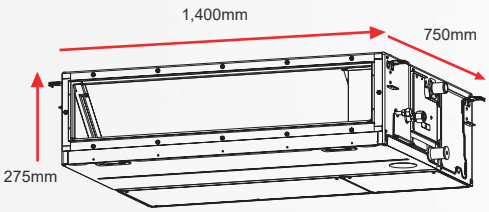
MID-STATIC DUCTED



5.0kW

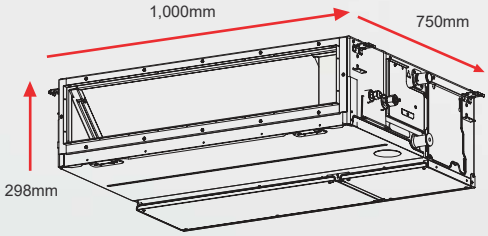


7.1kW

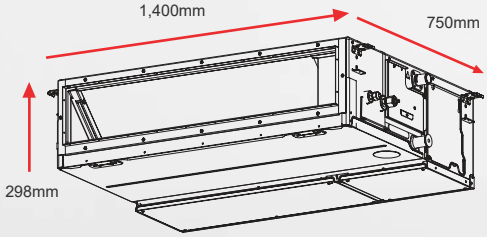


10.0kW ~ 14.0KW

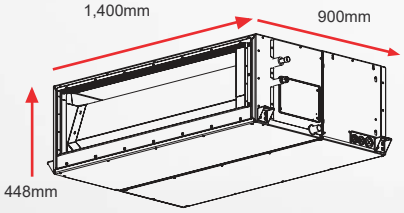
HIGH STATIC DUCTED



5.0kW ~ 7.1kW



10.0kW ~ 14.0kW



20.0kW ~ 24.0kW

GM = Digital Inverter
RM = Digital Inverter
GP = Super Digital Inverter

RAV-GM561 - 5kW

RAV-GM801 - 7.1kW
RAV-GP561 - 5.0kW

RAV-GM1101 - 10.0kW
RAV-GM1401 - 12.5kW
RAV-GP801 - 7.1kW

RAV-GM1601 - 14.0kW
RAV-GP1101 - 10.0kW
RAV-GP1401 - 12.5kW
RAV-GP1601 - 14.0kW

RAV-RM2241 - 20.0kW
RAV-RM2801 - 24.0kW

SUPER DIGITAL INVERTER

The expectations of a modern air conditioning system have evolved over the past years. Today, advanced comfort goes hand in hand with reduced energy and maintenance costs, combined with maximised simplicity and true operational flexibility.

The Super Digital Inverter associates all of Toshiba's innovative spirit and outstanding expertise to create highly efficient solutions with maximum end user comfort at its core.

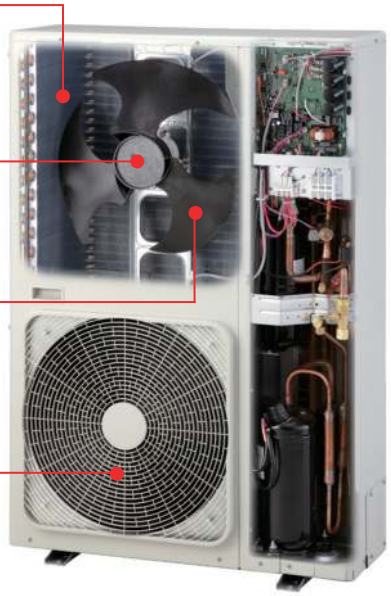
Toshiba Super Digital air conditioners combine economy and ecology in a compact body. They feature state-of-the-art technology, flexible control, and easy installation to bring natural comfort and convenience to any home or business environment.

High efficiency heat-transfer
Heat-transfer tube with improved heat-transfer coefficient.

DC fan motor
Highly efficient DC Motor.

Bat wing fan
Newly development for high-pressure low-volume fan.

Wide-flow grille
Optimising ventilation performance, bringing out the full effect of fan and motor.



Note: Actual component may vary from specifications depending on model.

SUB COOL PATH

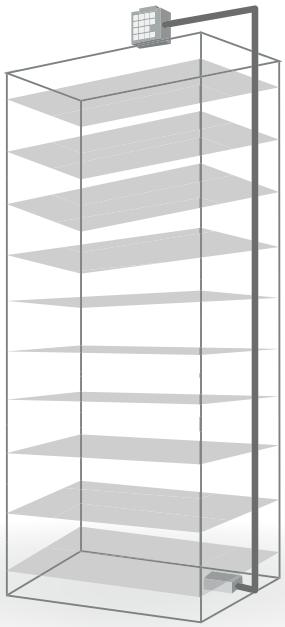
Improved reliability for smooth drainage. The outdoor unit of Super Digital Inverter is equipped with "Sub cool path" preventing freeze under the heat exchanger.

*Applicable to 3HP to 6HP models

PIPING FLEXIBILITY

Super Digital Inverter leads the way, supporting height differences of up to 30 meters on a single system and up to 75 meters in length. Enough height to cover an 8-story building.

30m Height difference between indoor & outdoor



ZONING WITH T-ZONE

For times when you only want to condition certain rooms in your home, zoning can be the answer. Whether you are looking at installing a new Toshiba ducted system or have an existing system retrofitted, zoning can save energy, and reduce wear and tear of your system.

T-Zone gives you total temperature control of each room individually. With up to 14 zones capability, every room can be at the perfect temperature at all times.

* Applicable to Toshiba High Static Ducted Systems

SMART DEVICE CONNECTIVITY

Control the Toshiba ducted system via a smart phone or device to ensure you come home to a climate controlled environment. T-Zone gives you greater control from anywhere, anytime along with achieving greater efficiencies, your wallet will thank you for it.

AUTOMATIC ADJUSTMENTS

With wireless wall sensors, T-Zone monitors and maintains the temperature in real time, in every room, automatically adjusting the airflow when each room hits the ideal temperature.

LIFESTYLE FAVOURITES

The home can be used in different ways on different days, create up to nine favourite programs to suit your routine. Switch rooms or zones on or off. Have it done manually or automatically on a timer.

FAN AUTO CONTROL

T-Zone can automatically adjust the system's fan speed according to how many zones or rooms are actively being heated or cooled.

CONTROL AT YOUR FINGERTIPS

T-Zone allows you to control your Toshiba air conditioning system via your smart phone or tablet, allowing you greater control of your home climate from anywhere, anytime in addition to achieving greater efficiency and savings.

INTUITIVE TOSHIBA CONTROLS

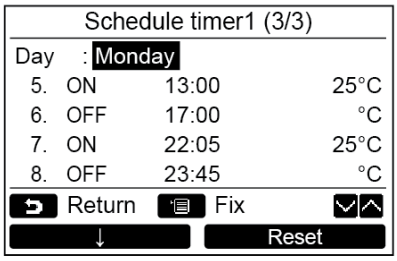
BACKLIT WIRED CONTROLLER

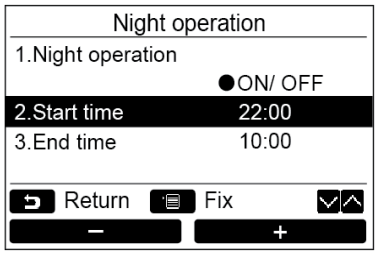
RBC-AMS55E-ES, the ultimate in local controller with built-in 7-day timer, large screen and easy to use menu.

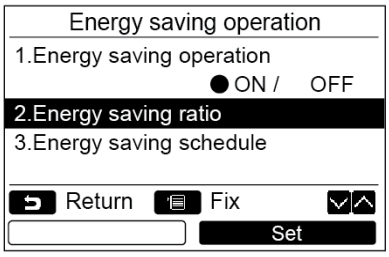
KEY FEATURES:

- Schedule Timer
- Holiday mode
- Dual set point
- Group control
- Energy saving operation
- Night operation (only with models equipped with the function)
- Temperature increments of 0.5°C

RBC-AMS55E-ES







WIRELESS REMOTE CONTROLLER KIT

RBC-AXU31-E

Wireless remote controller with a standalone discreet receiver, making it easily accessible with added flexibility of placement.

FUNCTIONS:

- Easy to use controller
- Start / Stop
- Operational mode change
- Temperature setting
- Air flow changing
- Timer function
- Check code display

* Applicable to Mid-Static Ducted Systems

COMPACT WIRED CONTROLLER

RBC-ASC11E

Back to basics with this remote controller offering all the standard functionalities with compact dimensions and a large screen.

FUNCTIONS:

- On / Off
- Operation mode
- Temperature setting
- Fan speed
- Louvres
- Fault codes
- Unit setup

STANDARD WIRED CONTROLLER

RBC-AMT32E / RBC-AMS41E

The standard remote controller to control an individual indoor unit or a group of 8 indoor units.

FUNCTIONS:

- On / Off
- Operation mode
- Temperature setting
- Fan speed
- Louvres
- Fault codes
- Unit setup
- Button restrictions

MID-STATIC DUCTED
SPECIFICATIONS

DIGITAL INVERTER RANGE

Indoor Model		RAV-GM561BTP-A	RAV-GM801BTP-A	RAV-GM1101BTP-A	RAV-GM1401BTP-A
Outdoor Model		RAV-GM561ATP-A	RAV-GM801ATP-A	RAV-GM1101ATP-A	RAV-GM1401ATP-A
Cooling Capacity (Range)	kW	5.0 [1.5 - 5.6]	7.1 [1.5 - 8.0]	10.0 [3.0 - 11.2]	12.5 [3.0 - 14.0]
EER		3.31	3.60	3.36	3.10
Heating Capacity (Range)	kW	5.3 [1.5 - 6.3]	8.0 [1.5 - 9.0]	11.2 [3.0 - 13.0]	14.0 [3.0 - 16.0]
COP		3.71	4.00	4.00	3.61
Maximum Operating Current	A	15.50	17.00	22.80	26.00
Air flow (H / M / L)	l/s	280 / 250 / 200	472 / 388 / 277	583 / 458 / 361	611 / 513 / 416
External Static	Pa	30 - 180	30 - 180	50 - 200	50 - 200
Dimensions - Indoor (H x W x D)	mm	275 x 700 x 750	275 x 1000 x 750	275 x 1400 x 750	275 x 1400 x 750
Dimensions - Outdoor (Hx W x D)	mm	550 x 780 x 290	630 x 800 x 300	890 x 900 x 320	890 x 900 x 320
Weight - Indoor / Outdoor	kg	23 / 40	31 / 47	41 / 64	41 / 68
Sound Pressure Level Indoor / Outdoor	dB(A)	34 / 48	40 / 51	40 / 55	41 / 57
Operating Range Cooling	°C db	-15 to 46	-15 to 46	-15 to 46	-15 to 46
Operating Range Heating	°C db	-15 to 24	-15 to 24	-15 to 24	-15 to 24
Pipe Sizes (Liquid / Gas)	mm	6.35 / 12.70	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88
Maximum Pipe Length / Lift	m	30 / 30	50 / 30	50 / 30	50 / 30
Maximum Pre-charged Length	m	20	20	30	30
Power Supply		1ph/220-240V/50Hz	1ph/220-240V/50Hz	1ph/220-240V/50Hz	1ph/220-240V/50Hz

Indoor Model		RAV-GM1601BTP-A	RAV-GM1601BTP-A
Outdoor Model		RAV-GM1601ATP-A	RAV-GM1601AT8P-A
Cooling Capacity (Range)	kW	14.0 [3.0 - 16.0]	14.0 [3.0 - 16.0]
EER		3.20	3.20
Heating Capacity (Range)	kW	16.0 [3.0 - 18.0]	16.0 [3.0 - 18.0]
COP		3.50	3.50
Maximum Operating Current	A	29.00	16.10
Air flow (H / M / L)	l/s	652 / 555 / 416	652 / 555 / 416
External Static	Pa	50 - 200	50 - 200
Dimensions - Indoor (H x W x D)	mm	275 x 1400 x 750	275 x 1400 x 750
Dimensions - Outdoor (Hx W x D)	mm	1340 x 900 x 320	1340 x 900 x 320
Weight - Indoor / Outdoor	kg	41 / 97	41 / 96
Sound Pressure Level Indoor / Outdoor	dB(A)	42 / 57	42 / 57
Operating Range Cooling	°C db	-15 to 46	-15 to 46
Operating Range Heating	°C db	-15 to 24	-15 to 24
Pipe Sizes (Liquid / Gas)	mm	9.52 / 15.88	9.52 / 15.88
Maximum Pipe Length / Lift	m	50 / 30	50 / 30
Maximum Pre-charged Length	m	30	30
Power Supply		1ph/220-240V/50Hz	3ph/380-415V/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.

SPIGOTS

Spigot for 566BT

Spigot for 806BT

Spigot for 1106 / 1406 / 1601

Spigots are sold separately for the mid-static ducted range

TOSHIBA R32 REFRIGERANT

SUPER DIGITAL INVERTER RANGE

Indoor Model		RAV-GM561BTP-A	RAV-GM801BTP-A	RAV-GM1101BTP-A	RAV-GM1401BTP-A
Outdoor Model		RAV-GP561ATP-A	RAV-GP801ATP-A	RAV-GP1101ATP-A	RAV-GP1401ATP-A
Cooling Capacity (Range)	kW	5.0 [1.2 - 6.0]	7.1 [1.9 - 8.0]	10.0 [2.6 - 12.0]	12.5 [2.6 - 14.0]
EER		3.52	3.70	4.10	3.60
Heating Capacity (Range)	kW	5.6 [0.9 - 8.1]	8.0 [1.5 - 11.3]	11.2 [2.4 - 13.0]	14.0 [2.4 - 18.0]
COP		4.00	4.20	4.30	3.85
Maximum Operating Current	A	13.10	15.80	29.00	29.00
Air flow (H / M / L)	l/s	280 / 250 / 200	472 / 388 / 277	583 / 458 / 361	611 / 513 / 416
External Static	Pa	30 - 180	30 - 180	50 - 200	50 - 200
Dimensions - Indoor (H x W x D)	mm	275 x 700 x 750	275 x 1000 x 750	275 x 1400 x 750	275 x 1400 x 750
Dimensions - Outdoor (Hx W x D)	mm	630 x 800 x 300	890 x 900 x 320	1340 x 900 x 320	1340 x 900 x 320
Weight - Indoor / Outdoor	kg	23 / 43	31 / 62	41 / 102	41 / 102
Sound Pressure Level Indoor / Outdoor	dB(A)	34 / 48	40 / 52	40 / 51	41 / 53
Operating Range Cooling	°C db	-15 to 52	-15 to 52	-15 to 52	-15 to 52
Operating Range Heating	°C db	-20 to 24	-20 to 24	-20 to 24	-20 to 24
Pipe Sizes (Liquid / Gas)	mm	6.35 / 12.70	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88
Maximum Pipe Length / Lift	m	50 / 30	50 / 30	75 / 30	75 / 30
Maximum Pre-charged Length	m	20	30	30	30
Power Supply		1ph/220-240V/50Hz	1ph/220-240V/50Hz	1ph/220-240V/50Hz	1ph/220-240V/50Hz

Indoor Model		RAV-GM1601BTP-A	RAV-GM1101BTP-A	RAV-GM1401BTP-A	RAV-GM1601BTP-A
Outdoor Model		RAV-GP1601ATP-A	RAV-GP1101AT8P-A	RAV-GP1401AT8P-A	RAV-GP1601AT8P-A
Cooling Capacity (Range)	kW	14.0 [2.6 - 16.0]	10.0 [2.6 - 12.0]	12.5 [2.6 - 14.0]	14.0 [2.6 - 16.0]
EER		3.23	4.10	3.45	3.23
Heating Capacity (Range)	kW	16.0 [2.4 - 19.0]	11.2 [2.4 - 13.0]	14.0 [2.4 - 18.0]	16.0 [2.4 - 19.0]
COP		3.56	4.30	3.85	3.56
Maximum Operating Current	A	29.00	16.50	16.50	16.50
Air flow (H / M / L)	l/s	652 / 555 / 416	583 / 458 / 361	611 / 513 / 416	652 / 555 / 416
External Static	Pa	50 - 200	50 - 200	50 - 200	50 - 200
Dimensions - Indoor (H x W x D)	mm	275 x 1400 x 750	275 x 1400 x 750	275 x 1400 x 750	275 x 1400 x 750
Dimensions - Outdoor (Hx W x D)	mm	1340 x 900 x 320	1340 x 900 x 320	1340 x 900 x 320	1340 x 900 x 320
Weight - Indoor / Outdoor	kg	41 / 102	41 / 100	41 / 100	41 / 100
Sound Pressure Level Indoor / Outdoor	dB(A)	42 / 58	40 / 51	41 / 53	42 / 58
Operating Range Cooling	°C db	-15 to 52	-15 to 52	-15 to 52	-15 to 52
Operating Range Heating	°C db	-20 to 24	-20 to 24	-20 to 24	-20 to 24
Pipe Sizes (Liquid / Gas)	mm	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88
Maximum Pipe Length / Lift	m	75 / 30	75 / 30	75 / 30	75 / 30
Maximum Pre-charged Length	m	30	30	30	30
Power Supply		1ph/220-240V/50Hz	3ph/380-415V/50Hz	3ph/380-415V/50Hz	3ph/380-415V/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.

TOSHIBA R32 REFRIGERANT

HIGH STATIC DUCTED
SPECIFICATIONS

DIGITAL INVERTER RANGE

Indoor Model		RAV-GM561DTP-A	RAV-GM801DTP-A	RAV-GM1101DTP-A	RAV-GM1401DTP-A
Outdoor Model		RAV-GM561ATP-A	RAV-GM801ATP-A	RAV-GM1101ATP-A	RAV-GM1401ATP-A
Cooling Capacity (Range)	kW	5.0 [1.5 - 5.6]	7.1 [1.5 - 8.0]	10.0 [3.0 - 11.2]	12.5 [3.0 - 14.0]
EER		3.36	3.90	3.30	3.20
Heating Capacity (Range)	kW	5.3 [1.5 - 6.3]	8.0 [1.5 - 9.0]	11.2 [3.0 - 13.0]	14.0 [3.0 - 16.0]
COP		4.31	4.00	4.00	3.61
Maximum Operating Current	A	15.50	17.00	22.80	26.00
Air flow (H / M / L)	l/s	388 / 333 / 277	583 / 430 / 361	805 / 694 / 466	875 / 716 / 569
External Static	Pa	50 - 150	50 - 150	50 - 270	50 - 270
Dimensions - Indoor (H x W x D)	mm	298 x 1000 x 750	298 x 1000 x 750	298 x 1400 x 750	298 x 1400 x 750
Dimensions - Outdoor (Hx W x D)	mm	550 x 780 x 290	630 x 800 x 300	890 x 900 x 320	890 x 900 x 320
Weight - Indoor / Outdoor	kg	34 / 40	34 / 47	42 / 64	42 / 68
Sound Pressure Level Indoor / Outdoor	dB(A)	36 / 48	41 / 51	48 / 55	49 / 57
Operating Range Cooling	°C db	-15 to 46	-15 to 46	-15 to 46	-15 to 46
Operating Range Heating	°C db	-15 to 24	-15 to 24	-15 to 24	-15 to 24
Pipe Sizes (Liquid / Gas)	mm	6.35 / 12.70	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88
Maximum Pipe Length / Lift	m	30 / 30	50 / 30	50 / 30	50 / 30
Maximum Pre-charged Length	m	20	20	30	30
Power Supply		1ph/220-240V/50Hz	1ph/220-240V/50Hz	1ph/220-240V/50Hz	1ph/220-240V/50Hz

Indoor Model		RAV-GM1601DTP-A	RAV-GM1601DTP-A	RAV-RM2241DTP-E2	RAV-RM2801DTP-E2
Outdoor Model		RAV-GM1601ATP-A	RAV-GM1601AT8P-A	RAV-GM2241AT8-A	RAV-GM2801AT8-A
Cooling Capacity (Range)	kW	14.0 [3.0 - 16.0]	14.0 [3.0 - 16.0]	20.0 [4.6 - 22.4]	24.0 [4.6 - 27.0]
EER		3.20	3.20	3.23	3.01
Heating Capacity (Range)	kW	16.0 [3.0 - 18.0]	16.0 [3.0 - 18.0]	22.4 [4.6 - 25.0]	27.0 [4.6 - 31.5]
COP		3.86	3.86	3.92	3.59
Maximum Operating Current	A	29.00	16.10	18.00	23.00
Air flow (H / M / L)	l/s	972 / 902 / 597	972 / 902 / 597	1055 / 888 / 694	1333 / 1166 / 972
External Static	Pa	50 - 270	50 - 270	50 - 250	50 - 250
Dimensions - Indoor (H x W x D)	mm	298 x 1400 x 750	298 x 1400 x 750	448 x 1400 x 900	448 x 1400 x 900
Dimensions - Outdoor (Hx W x D)	mm	1340 x 900 x 320	1340 x 900 x 320	1550 x 1010 x 370	1550 x 1010 x 370
Weight - Indoor / Outdoor	kg	42 / 97	42 / 96	97 / 142	97 / 142
Sound Pressure Level Indoor / Outdoor	dB(A)	50 / 57	50 / 57	44 / 60	46 / 63
Operating Range Cooling	°C db	-15 to 46	-15 to 46	-15 to 46	-15 to 46
Operating Range Heating	°C db	-15 to 24	-15 to 24	-27 to 15	-27 to 15
Pipe Sizes (Liquid / Gas)	mm	9.52 / 15.88	9.52 / 15.88	12.70 / 28.60	12.70 / 28.60
Maximum Pipe Length / Lift	m	50 / 30	50 / 30	100 / 30	100 / 30
Maximum Pre-charged Length	m	30	30	30	30
Power Supply		1ph/220-240V/50Hz	3ph/380-415V/50Hz	3ph/380-415V/50Hz	3ph/380-415V/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.

TOSHIBA R32 REFRIGERANT

SUPER DIGITAL INVERTER RANGE

Indoor Model		RAV-GM561DTP-A	RAV-GM801DTP-A	RAV-GM1101DTP-A	RAV-GM1401DTP-A
Outdoor Model		RAV-GP561ATP-A	RAV-GP801ATP-A	RAV-GP1101ATP-A	RAV-GP1401ATP-A
Cooling Capacity (Range)	kW	5.0 [1.2 - 6.0]	7.1 [1.9 - 8.0]	10.0 [2.6 - 12.0]	12.5 [2.6 - 14.0]
EER		3.70	4.00	3.75	3.43
Heating Capacity (Range)	kW	5.6 [0.9 - 7.4]	8.0 [1.5 - 11.3]	11.2 [2.4 - 13.0]	14.0 [2.4 - 18.0]
COP		4.60	4.35	4.40	4.15
Maximum Operating Current	A	13.10	15.80	29.00	29.00
Air flow (H / M / L)	l/s	388 / 333 / 277	583 / 430 / 361	805 / 694 / 466	875 / 716 / 569
External Static	Pa	50 - 150	50 - 150	50 - 270	50 - 270
Dimensions - Indoor (H x W x D)	mm	298 x 1000 x 750	298 x 1000 x 750	298 x 1400 x 750	298 x 1400 x 750
Dimensions - Outdoor (Hx W x D)	mm	630 x 800 x 300	890 x 900 x 320	1340 x 900 x 320	1340 x 900 x 320
Weight - Indoor / Outdoor	kg	34 / 43	34 / 62	42 / 102	42 / 102
Sound Pressure Level Indoor / Outdoor	dB(A)	36 / 48	41 / 52	48 / 51	49 / 53
Operating Range Cooling	°C db	-15 to 52	-15 to 52	-15 to 52	-15 to 52
Operating Range Heating	°C db	-20 to 24	-20 to 24	-20 to 24	-20 to 24
Pipe Sizes (Liquid / Gas)	mm	6.35 / 12.70	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88
Maximum Pipe Length / Lift	m	50 / 30	50 / 30	75 / 30	75 / 30
Maximum Pre-charged Length	m	20	30	30	30
Power Supply		1ph/220-240V/50Hz	1ph/220-240V/50Hz	1ph/220-240V/50Hz	1ph/220-240V/50Hz

Indoor Model		RAV-GM1601DTP-A	RAV-GM1101DTP-A	RAV-GM1401DTP-A	RAV-GM1601DTP-A
Outdoor Model		RAV-GP1601ATP-A	RAV-GP1101AT8P-A	RAV-GP1401AT8P-A	RAV-GP1601AT8P-A
Cooling Capacity (Range)	kW	14.0 [2.6 - 16.0]	10.0 [2.6 - 12.0]	12.5 [2.6 - 14.0]	14.0 [2.6 - 16.0]
EER		3.31	3.75	3.43	3.31
Heating Capacity (Range)	kW	16.0 [2.4 - 19.0]	11.2 [2.4 - 13.0]	14.0 [2.4 - 18.0]	16.0 [2.4 - 19.0]
COP		3.90	4.40	4.15	3.90
Maximum Operating Current	A	29.00	16.50	16.50	16.50
Air flow (H / M / L)	l/s	972 / 902 / 597	805 / 694 / 466	875 / 716 / 569	972 / 902 / 597
External Static	Pa	50 - 270	50 - 270	50 - 270	50 - 270
Dimensions - Indoor (H x W x D)	mm	298 x 1400 x 750	298 x 1400 x 750	298 x 1400 x 750	298 x 1400 x 750
Dimensions - Outdoor (Hx W x D)	mm	1340 x 900 x 320	1340 x 900 x 320	1340 x 900 x 320	1340 x 900 x 320
Weight - Indoor / Outdoor	kg	42 / 102	42 / 100	42 / 100	42 / 100
Sound Pressure Level Indoor / Outdoor	dB(A)	50 / 58	48 / 51	49 / 53	50 / 58
Operating Range Cooling	°C db	-15 to 52	-15 to 52	-15 to 52	-15 to 52
Operating Range Heating	°C db	-20 to 24	-20 to 24	-20 to 24	-20 to 24
Pipe Sizes (Liquid / Gas)	mm	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88	9.52 / 15.88
Maximum Pipe Length / Lift	m	75 / 30	75 / 30	75 / 30	75 / 30
Maximum Pre-charged Length	m	30	30	30	30
Power Supply		1ph/220-240V/50Hz	3ph/380-415V/50Hz	3ph/380-415V/50Hz	3ph/380-415V/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.

TOSHIBA R32 REFRIGERANT

TOSHIBA
AIR CONDITIONING

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.

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

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Equipment rates in accordance with MEPS GEMS 2019 Determination.

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