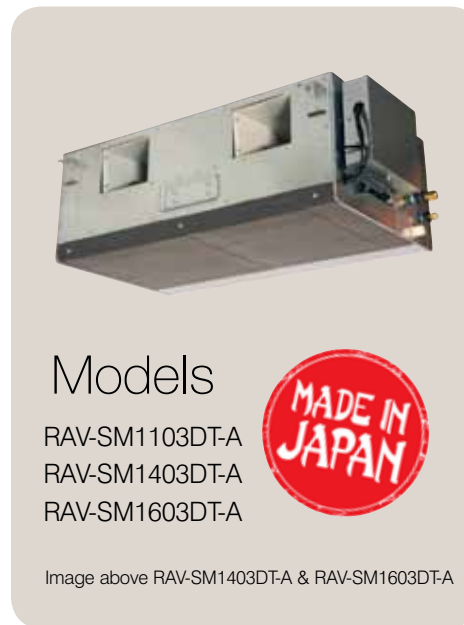
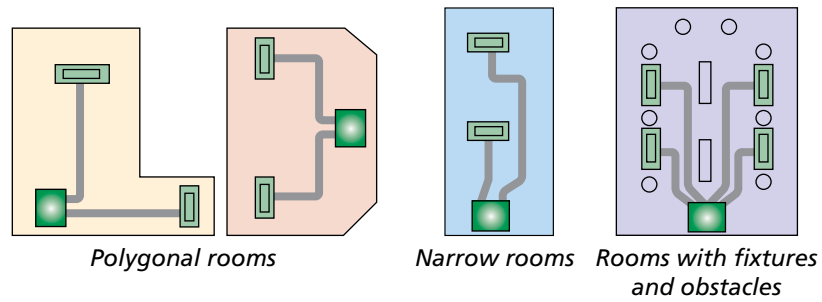


## Versatile and clever - high static duct type

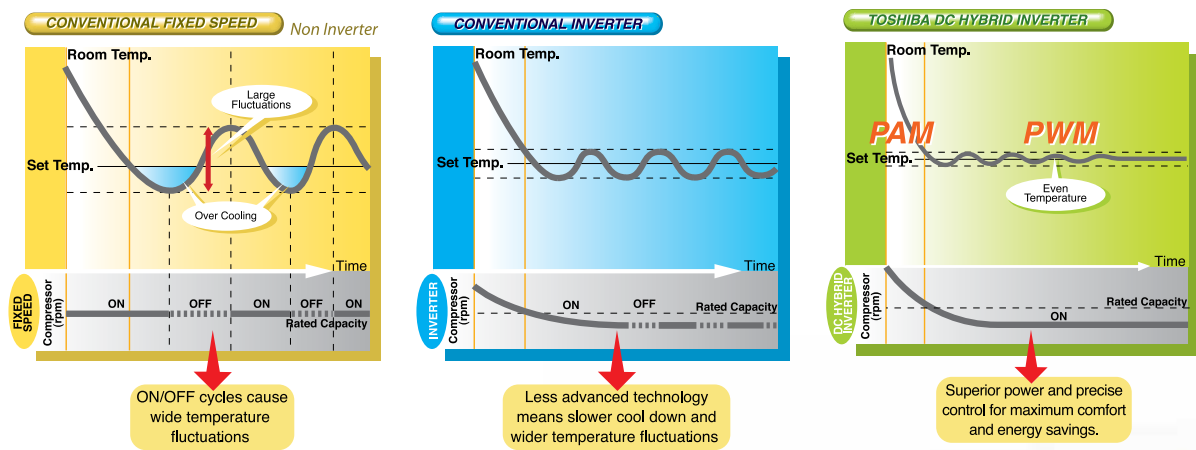
### Wide range of applications

The use of ducts allows air outlets to be conveniently installed anywhere on the ceiling, eliminating the conspicuous presence of the air conditioner in the centre of the room. Not only can this be applied to a wide variety of layouts from narrow spaces to polygonal rooms; it also greatly improves the aesthetics of a room with its unobtrusive presence.



### Optimum comfort and energy saving

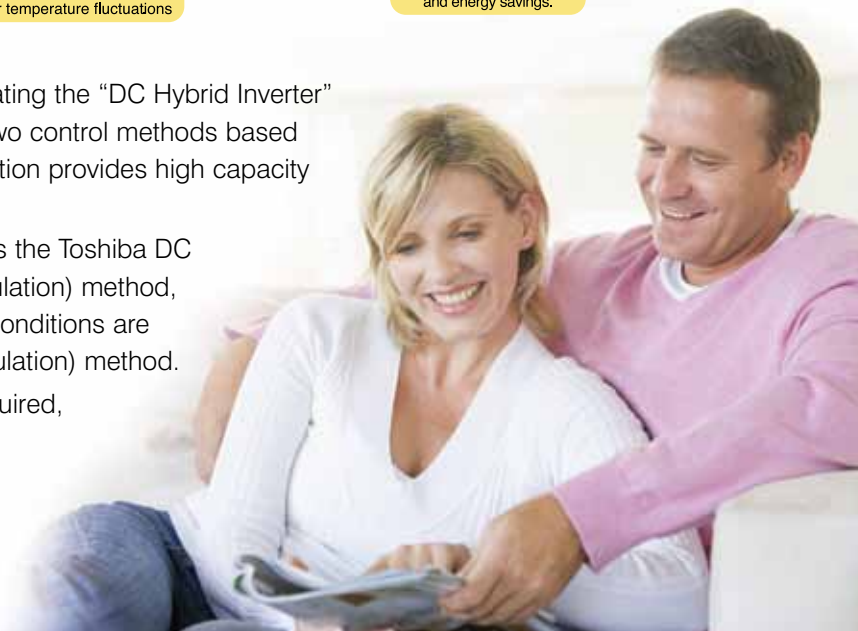
Inverter technology is the latest technology available in air conditioners. The Toshiba Hybrid Inverter produces considerable power with precise control for maximum comfort



Toshiba has combined two technologies, creating the "DC Hybrid Inverter" that automatically chooses the better of the two control methods based on the actual conditions at the time. This solution provides high capacity only and when it is necessary.

On very cold winter days, or hot summer days the Toshiba DC Inverter uses the PAM (Pulse Amplitude Modulation) method, and for very low energy consumption, when conditions are less severe uses the PWM (Pulse Width Modulation) method.

Given that maximum capacity is not often required, and that high efficiency is always desirable, the result is a greatly reduced annual energy consumption.



Notice: Toshiba is committed to continuously improving its product to ensure the highest quality and reliability standards, and to meet local regulations and market requirements.  
All features and specifications are subject to change without prior notice.  
Note: All images provided in this catalogue are used for illustration purposes only.  
Part number 60609 Date: June 2012  
Equipment rates in accordance with MEPS 3823.2-2011 E&OE

Sales and Service 13COOL (13 2665)  
AHI Carrier (Australia) Pty Ltd  
Level 1, 195 Chesterville Road Moorabbin Vic 3189  
ABN 47136426214  
AU22499  
[www.toshiba-aircon.com.au](http://www.toshiba-aircon.com.au)



**Better air**  
The new era in air conditioning



Inverter Ducted Systems

**DUCTED**

## The brand

Toshiba Air Conditioning delivers products known for their technological innovation and artistry, leading to comfortable living and greater peace of mind.

## When technology meets comfort

The Digital Inverter from Toshiba combines economy and efficiency in a smart body. It offers exceptional technology, energy savings, high efficiency, high performance, easy installation and flexible control.

## Solution from professionals

Toshiba Digital Inverter air conditioners combine exceptional energy savings and operational features in an extremely compact unit.

## High static pressure

External static pressure can be raised as high as 250 Pa, so that all areas of the room can be reached for even temperature distribution, no matter how complex the layout.

## High-lift drain pump

The flexible piping layout is made possible by an optional drain-pump kit with a vertical lift of up to 330mm.

## Remote controllers

Toshiba Digital Inverters & Super Digital Inverters operate with an easy to use wired remote controller.



Wired remote controller  
RBC-AMT32E



Simple wired remote controller  
RBC-AS21E2



Wired remote controller with integrated weekly timer  
RBC-AMS41E



Backlit wired remote controller with integrated weekly timer  
RBC-AMS51

Other control options available. See your dealer.

## The mission – improved air quality

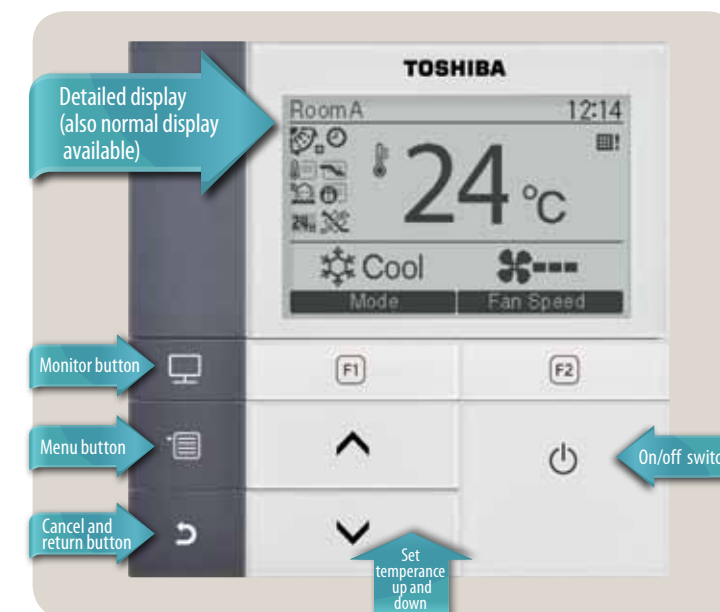
Comfort in home means much more than controlling temperature. Toshiba air conditioners are designed to minimise air pollutants in the home.

## Care for users

The benefit of Toshiba's refined design include flexibility in application, low operating sound level, improved air quality and all round comfort which is a result of the precise temperature control by inverter technology.



Series							
Model Number - System							
Indoor		RAV-SM1103DT-A	RAV-SM1403DT-A	RAV-SM1603DT-A	RAV-SM2242DT-E	RAV-SM2802DT-E	
Outdoor		RAV-SP1104AT-A	RAV-SP1404AT-A	RAV-SM1603AT-A	RAV-SM2244AT8-A	RAV-SM2804AT8-A	
Refrigerant Type		R410A		R410A		R410A	
Power Supply		Volts-Phase-Hz		Volts-Phase-Hz		Volts-Phase-Hz	
Power Supply		220-240V -/1/50Hz		220-240V -/1/50Hz		220-240V -/1/50Hz	
Power Supply		Volts-Phase-Hz		Volts-Phase-Hz		Volts-Phase-Hz	
Power Supply		220-240V -/1/50Hz		220-240V -/1/50Hz		220-240V -/1/50Hz	
Power Supply		220-240V -/1/50Hz		220-240V -/1/50Hz		380-415V/3/50Hz	
Power Supply		220-240V -/1/50Hz		220-240V -/1/50Hz		380-415V/3/50Hz	
Cooling	Capacity - Rated	kW	10.4	12.5	13.5	16.7	20.0
	Capacity - Range (min ~ max)	kW	3.3~ 12.1	3.3~ 14.1	3.6~ 16.0	9.8 ~ 22.4	9.8 ~ 27.0
	Efficiency (rated)	EER	3.30	3.42	3.29	3.27	3.23
	Power Input (min ~ rated ~ max)	kW	0.90~ 3.15 ~3.99	0.90~3.66 ~4.98	1.30~ 4.10 ~6.01	3.26 ~ 5.10 ~ 9.09	3.36 ~ 6.20 ~ 12.76
	Operating Current (rated)	A	14.8 (220V)	17.2 (220V)	19.62 (220V)	6.08 (240V or 415V)	7.6 (240V or 415V)
Heating	Capacity - Rated	kW	11.3	14.0	16.0	22.4	27.0
	Capacity - Range (min ~ max)	kW	4.2~ 17.0	4.2~ 18.0	4.6~ 18.0	9.8 ~ 25.0	9.8 ~ 31.5
	Efficiency (rated)	COP	4.38	4.14	3.50	3.45	3.31
	Power Input (min ~ rated ~ max)	kW	0.80~ 2.58 ~4.84	0.80~ 3.38 ~4.91	1.26~ 4.57 ~7.08	2.57 ~ 6.49 ~ 7.45	2.57 ~ 8.15 ~ 11.01
	Operating Current (rated)	A	12.1 (220V)	15.8 (220V)	21.87 (220V)	7.95 (240V or 415V)	10.4 (240V or 415V)
Indoor Unit	Dimension (HxWxD)	mm	380x1050x600	380x1050x600	380x1050x600	470x1380x1250	470x1380x1250
	Net Weight	kg	57	57	57	160	160
	Airflow Volume	L/s	693.3	916.9	966.9	1000	1167
	Heating Airflow Volume	L/s	693.5	916.9	966.9	1000	1167
	Fan Motor Output	W	600	600	600	370 x 3	370 x 3
	Sound Pressure(H) at 1m distance	dB(A)	49	49	50	54	55
	Sound Power(H)	dB(A)	64	64	65	74	75
	Cooling Usable Temperature Range	°C	-15~43	-15~43	-15~43	21 ~ 32DB	21 ~ 32DB
	Heating Usable Temperature Range	°C	-20~ 15	-20~ 15	-15 ~ 15	15 ~ 30DB	15 ~ 30DB
	Outdoor Unit	Dimension (HxWxD)	mm	1340x900x320	1340x900x320	1340x900x320	1540x900x320
Net Weight		kg	93	93	99	134	134
Compressor Type		-	DC Twin Rotary	DC Twin Rotary	DC Twin Rotary	DC Twin Rotary	DC Twin Rotary
Fan Motor Output		W	100+100	100+100	100+100	100+100	100+100
Cooling Operating Noise (Sound Pressure) (H) at 1m		dB(A) (@spl)	49	51	51	56	57
Cooling Operating Noise (Sound Power) (H)		dB(A) (@swl)	66	68	68	72	74
Heating Operating Noise (Sound Pressure) (H) at 1m		dB(A) (@spl)	50	52	53	57	58
Heating Operating Noise (Sound Power) (H)		dB(A) (@swl)	67	69	70	74	75
Cooling Usable Temperature Range		DB°C	-15/43	-15/43	-15/43	-15 ~ 46DB	-15 ~ 46DB
Heating Usable Temperature Range		WB°C	-20/15	-20/15	-15/15	-20 ~ 15WB	-20 ~ 15WB
Pipe Size	Liquid Line Ø	mm	9.5	9.5	9.5	12.7/0.5	12.7/0.5
	Gas Line Ø	mm	15.9	15.9	15.9	28.6/1.126	28.6/1.126
	Coupler Style	-	Flaring	Flaring	Flaring	Brazing / Flaring	Brazing / Flaring
	Drain (Inside Diameter) Ø	mm	VP25	VP25	VP25	VP25	VP25
	Maximum Length	m	75	75	50	70	70
	Chargeless Length	m	30	30	30	30	30
	Maximum Height Difference	m	30	30	30	30	30



## RBC - AMS51 Controller

- Backlit display
- Large buttons for ease of use
- Convenient energy saving function
- Multiple language options
- Set night operation
- Off reminder timer

