

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.







Narrow rooms Rooms with fixtures and obstacles





Image above RAV-SM1403DT-A & RAV-SM1603DT-A

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





wider temperature fluctuations



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.

TOSHIBA AIR CONDITIONING

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.

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Equipment rates in accordance with MEPS 3823.2-2011 E&OE



Inverter Ducted Systems

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TOSHIBA AIR CONDITIONING

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 with integrated weekly timer RBC-AMS41E



Backlit wired remote controller with integrated weekly timer RBC-AMS51

Simple wired

RBC-AS21E2

remote controller

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

The mission –

improved air quality

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.





TOSHIBA AIR CONDITIONING

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	R410A	R410A
Power Supply		Volts-Phase-Hz		220 2401/ (1/501)-	220.240/ /1/50/	220-240V /1/50Hz	220-240V /1/50Hz
Power Supply		Volts-Phase-Hz	- 220-240V -/ 1/50Hz	220-240V -/ 1/50Hz	220-240V -/1/50Hz	380-415V/3/50Hz	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	dBA	49	49	50	54	55
	Sound Power(H)	dBA	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	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	dBA (@spl)	49	51	51	56	57
	Cooling Operating Noise (Sound Power) (H)	dBA (@swl)	66	68	68	72	74
	Heating Operating Noise (Sound Pressure) (H) at 1m	dBA (@spl)	50	52	53	57	58
	Heating Operating Noise (Sound Power) (H)	dBA (@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 ^o 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



Other control options available. See your dealer.

Technical specifications – Inverter Ducted Systems

RBC - AMS51 Controller

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

