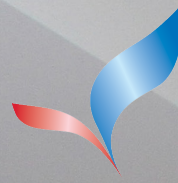


# TOSHIBA

## HEAT PUMPS

Think Toshiba. Think reliability.



*Better Air Solutions*



**Inverter  
Ducted  
Systems**



# Main Controller



RBC-ASC11

# Optional



RBC-AMS55E-E5



TO-RC-WIFI-1

# T-Zone Control



Centralised zone controller

# BTP DUCTED



- Model
- RAV-RM561BTP-E
  - RAV-RM801BTP-E
  - RAV-GM901BTP-E
  - RAV-RM1101BTP-E
  - RAV-RM1401BTP-E

# DT(P) DUCTED



- Model
- RAV-SM1101DTP-A
  - RAV-SM1401DTP-A
  - RAV-SM1601DTP-A

Whatever the room shape or size, this flexible model range ensures a uniform temperature and air distribution for optimal comfort. Easily heat or cool from one room to your whole home with this centralised solution.

## Adaptability

- The flexible design allows the inlet air configuration to be configured between the standard rear inlet design or the bottom inlet. There is also a provision for a fresh air intake supply via a pre-punched knockout
- Compact and slim chassis measuring just 275mm in height

## Easy to Install

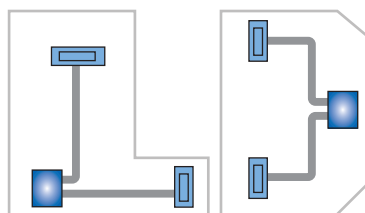
- Built-in high-lift drain pump
- Flexibility of using existing R22 or R410A pipe work when replacing old systems

## Design Flexibility

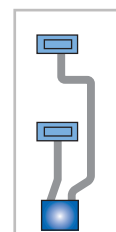
The use of ducts allows air outlets to be conveniently installed anywhere on the ceiling wall or floor, eliminating the conspicuous presence of the heat pump in the centre of the room. Not only can this be applied to a wide variety of layouts, from narrow spaces to polygonal rooms; it also greatly improves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

## Easily combine with optional Toshiba Fresh Air Ventilation System

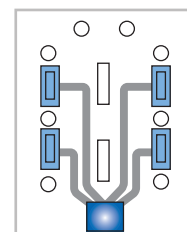
Toshiba's Heat Recovery Ventilator system is an energy recovery ventilation solution that can be integrated with any of our Standard or Hi-Static models. Both systems can easily be controlled from one central control and will operate together to further increase energy savings while ventilating your home, helping to remove stale air, introduce fresh air and control moisture. VN-M\*\*\*HE sold separately.



Polygonal rooms



Narrow rooms



Rooms with fixtures and obstacles

## Small and Light Chassis

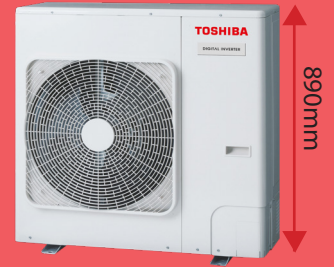
Less than 900mm in height, the Digital Inverter is extremely compact and can be installed in tight spaces. In addition, chassis in all sizes are less than 70kg.



GM301 to GM801

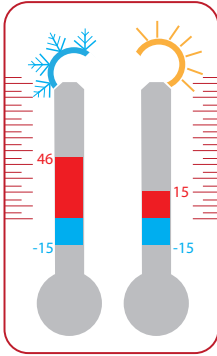


GM901



GM1101 to GM1401

Temperature operation range (°C)



## Operating Temperature GM Range

Heating operation is possible starting from an outdoor temperature of -15°C, while cooling operation is possible at -15°C and up to 46°C outdoor temperature. This enables wider applications and the use of the system everywhere.

## Piping Flexibility

Super Digital Inverter leads the industry with support for height differences of up to 30 meters on a single system. That is enough height to cover an 8 storey building. With up to 75 meters length in pipe runs, this increases installation flexibility, making it possible to use in just about any application.



GP561

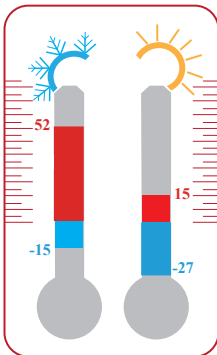


GP801



GP1101 to GP1401

Temperature operation range (°C)



## Maximum Energy Efficiency

Very efficient energy consumption keeps down operating costs with COP values up to 4.79 in heating mode (10.0kW) achieved by Toshiba's unrivalled Super Digital Inverter technologies and newly developed components.

## Operating Temperature GP Range

Heating operation is possible starting from an outdoor temperature of -27°C, while cooling operation is possible at -15°C and up to 52°C outdoor temperature. This guarantees operation and comfort even during extreme weather conditions (Super Digital Inverter models only).

## Digital Inverter



SYSTEM CODE			GM561B	GM901B	GM1101B	GM1401B
INDOOR			RAV-RM561BTP-E	RAV-GM901BTP-E	RAV-RM1101BTP-E	RAV-RM1401BTP-E
OUTDOOR			RAV-GM561ATP-NZ	RAV-GM901ATP-NZ	RAV-GM1101ATP-NZ	RAV-GM1401ATP-NZ
REFRIGERANT TYPE			R32			
POWER SUPPLY/PH/FREQ		UNITS	220-240V/1Ph/50Hz			
Cooling	Capacity - Rated	kW	5.00	8.00	9.50	11.00
	Capacity - Range (min ~ max)	kW	1.5 - 5.6	1.90 - 8.80	3.0 - 11.2	3.0 - 13.2
	Efficiency (rated)	EER	3.09	3.25	3.18	3.14
	Power Input (rated)	kW	1.62	2.46	2.99	3.50
	Running Current	A	8.58 - 7.86		14.50 - 13.20	16.90 - 15.50
Heating	Capacity - Rated	kW	5.30	9.00	11.20	13.00
	Capacity - Range (min ~ max)	kW	1.5 - 6.3	1.60 - 9.90	3.0 - 13.0	3.0 - 16.0
	Efficiency (rated)	COP	3.31	3.81	3.75	3.61
	Power Input (rated)	kW	1.60	2.36	2.99	3.60
	Running Current	A	7.50 - 6.90	10.90 - 9.97	14.50 - 13.30	17.40 - 15.90
	Maximum Current	A	15.5	17.00	22.8	
Indoor Unit	Dimension (H x W x D)	mm	275 x 700 x 750	275 x 1400 x 750	275 x 1400 x 750	
	Net Weight	kg	23		40	
	Airflow Volume (H/M/L)	m <sup>3</sup> /h	800/630/480	1700/1300/1000	2100/1650/1260	
	Fan Motor Output	W	150	250	250	
	External Static Pressure	Pa	30 (120 - 30)	40 (120 - 30)	50 (120 - 30)	
	Sound Pressure (H/M/L)	dBA	33/29/25	37/33/30	40/36/33	
Outdoor Unit	Dimension (H x W x D)	mm	550 x 780 x 290	630 x 800 x 300	890 x 900 x 320	
	Net Weight	kg	40	47	68	
	Compressor Type		DC Twin Rotary			
	Sound Pressure (Cooling)	dBA	46	51	54	55
	Sound Pressure (Heating)	dBA	48	55	57	
	Cooling Usable Temperature Range	°C	-15 to 46			
Heating Usable Temperature Range	°C	-15 to 24				
Pipe Size	Liquid Line Ø	in	1/4		3/8	
	Gas Line Ø	in	1/2		5/8	
	Minimum Length	m	5			
	Maximum Length	m	30		50	
	Chargeless Length	m	20		30	
	Maximum Height Difference	m	30			

## Super Digital Inverter

SYSTEM CODE			GP561B	GP801B	GP1101B	GP1401B
INDOOR			RAV-RM561BTP-E	RAV-RM801BTP-E	RAV-RM1101BTP-E	RAV-RM1401BTP-E
OUTDOOR			RAV-GP561ATP-E	RAV-GP801AT-E	RAV-GP1101AT-E	RAV-GP1401AT-E
REFRIGERANT TYPE			R32			
POWER SUPPLY/PH/FREQ		UNITS	220-240V/1Ph/50Hz			
Cooling	Capacity - Rated	kW	5.00	7.10	10.00	12.50
	Capacity - Range (min ~ max)	kW	1.2 - 5.6	1.9 - 8.0	3.1 - 12.0	3.1 - 14.0
	Efficiency (rated)	EER	3.29	4.36	4.17	3.50
	Power Input (rated)	kW	1.52	1.63	2.40	3.57
	Running Current	A	7.36 - 6.75	7.97 - 7.30	11.48 - 10.53	17.08 - 15.66
Heating	Capacity - Rated	kW	5.60	8.00	11.20	14.00
	Capacity - Range (min ~ max)	kW	0.9 - 7.4	1.3 - 11.3	2.6 - 13.0	2.6 - 16.5
	Efficiency (rated)	COP	3.48	4.32	4.10	3.86
	Power Input (rated)	kW	1.61	1.85	2.73	3.63
	Running Current	A	7.66 - 7.03	8.95 - 8.20	13.06 - 11.97	17.37 - 15.92
	Maximum Current	A	13.1	20.7	22.8	
Indoor Unit	Dimension (H x W x D)	mm	275 x 700 x 750	275 x 1000 x 750	275 x 1400 x 750	
	Net Weight	kg	23	30	40	
	Airflow Volume (H/M/L)	m <sup>3</sup> /h	800/660/540	1200/990/870	2100/1740/1500	
	Fan Motor Output	W	150		250	
	External Static Pressure	Pa	30 (120 - 30)		50 (120 - 30)	
	Sound Pressure (H/M/L)	dBA	33/29/25	34/30/26	40/36/33	
Outdoor Unit	Dimension (H x W x D)	mm	630 x 799 x 299	1050 x 1010 x 370	1550 x 1010 x 370	
	Net Weight	kg	45	74	104	
	Compressor Type		DC Twin Rotary			
	Sound Pressure (Cooling)	dBA	46		49	50
	Sound Pressure (Heating)	dBA	48		50	51
	Cooling Usable Temperature Range	°C	-15 to 52			
	Heating Usable Temperature Range	°C	-27 to 15			
Pipe Size	Liquid Line Ø	in	1/4	3/8		
	Gas Line Ø	in	1/2	5/8		
	Minimum Length	m	3			
	Maximum Length	m	50		75	
	Chargeless Length	m	20	30		
	Maximum Height Difference	m	30			

# Digital & Super Digital Inverter

SYSTEM CODE			SP1101D	SP1401D	SM1601D
INDOOR			RAV-SM1101DTP-A	RAV-SM1401DTP-A	RAV-SM1601DTP-A
OUTDOOR			RAV-SP1101AT-A2	RAV-SP1401AT-A2	RAV-SM1603AT-A1
REFRIGERANT TYPE			R410A		
POWER SUPPLY/PH/FREQ		UNITS	220-240V/1Ph/50Hz		
Cooling	Capacity - Rated	kW	10.40	12.50	13.50
	Capacity - Range (min ~ max)	kW	3.3 - 12.1	3.3 - 14.1	3.6 - 16.0
	Efficiency (rated)	EER	3.75	3.43	3.20
	Power Input (rated)	kW	2.77	3.64	4.22
	Running Current	A	13.20	17.40	20.10
Heating	Capacity - Rated	kW	11.30	14.00	16.00
	Capacity - Range (min ~ max)	kW	4.2 - 17.0	4.2 - 18.0	4.6 - 18.0
	Efficiency (rated)	COP	4.40	4.15	3.90
	Power Input (rated)	kW	2.57	3.37	4.10
	Running Current	A	12.30	16.10	20.60
	Maximum Current	A	22.8		32.0
Indoor Unit	Dimension (H x W x D)	mm	298 x 1400 x 750		
	Net Weight	kg	42		
	Airflow Volume (H)	m <sup>3</sup> /h	2600	3150	3500
	Fan Motor Output	W	350		
	External Static Pressure	Pa	100 (50-100)		
	Sound Pressure (H/M/L)	dBa	49/48/40		50/49/42
Outdoor Unit	Dimension (H x W x D)	mm	1340 x 900 x 320		
	Net Weight	kg	93		
	Compressor Type		DC Twin Rotary		
	Sound Pressure (Cooling)	dBa	49	51	
	Sound Pressure (Heating)	dBa	50	52	53
	Cooling Usable Temperature Range	°C	-15 to 43		
	Heating Usable Temperature Range	°C	-20 to 15		-15 to 15
Pipe Size	Liquid Line Ø	in	3/8		
	Gas Line Ø	in	5/8		
	Minimum Length	m	3	5	
	Maximum Length	m	75	50	
	Chargeless Length	m	30		
	Maximum Height Difference	m	30		



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 subject to change without prior notice.  
Note: All images provided in this catalogue are used for illustration purposes only.  
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