

New RAV-GV Digital Inverter Classic Outdoor UPDATE

TOSHIBA confirm new “RAV-GV” Outdoor Units compatible with “RAV-HM” Indoor Units using TU2C-Link have been added to the Light Commercial product range



1. Model Codes

Type	HP	New Model Name	Retail Price List UK September 2022	Retail Price List ROI September 2022
Digital Inverter Classic 1-PH	2.0	RAV-GV561ATP-E	£867	€997
	3.0	RAV-GV801ATP-E	£1,119	€1,287
	4.0	RAV-GV1101ATP-E	£1,342	€1,543
	5.0	RAV-GV1401ATP-E	£1,630	€1,875
	6.0	RAV-GV1601ATP-E	£1,894	€2,178
Digital Inverter Classic 3-PH	4.0	RAV-GV1101AT8P-E	£1,657	€1,906
	5.0	RAV-GV1401AT8P-E	£1,742	€2,003
	6.0	RAV-GV1601AT8P-E	£2,166	€2,491

2. Production Date

TCTC - 2-3HP (1-PH) May 2022; 4-6HP (1-PH) June 2022, 4-6HP (3-PH) October 2022

3. Features

1. Compact single fan outdoor chassis
2. Compatible with TU2C-Link control
3. Special coating (resin) on the indoor unit heat exchanger for healthy and fresh air
4. New USP's: filter sign; rotation/backup function; secondary heating; and draught prevention control.
5. Compatible with the new Remote Control feature three step night mode noise reduction

4. Accessories

Type	Model name	Feature	Applied model	Factory
Ceiling Panel	RBC-U32PGP-E	Standard 4-Way Cassette panel without receiver	4-Way Cassette	TCTC
	RBC-U33P-E	Smart 4-Way Cassette panel without receiver	4-Way Cassette	
Wireless Receiver Controller Kit	RBC-AXU31U-E	Wireless receiver and wireless remote controller	4-Way Cassette with RBC-U32PGP-E	TCC
	RBC-AXU31-E		Standard Ducted	
Wired Remote Controller	RBC-ASCU11-E	Standard wired remote controller	All FCU type	TCAC
	RBC-AMTU31-E	Standard Wired remote controller		TCC
	RBC-AMSU51-E	Premium wired remote controller		
PM2.5 Filter for 4-Way Cassette	TCB-PLFC1UPE-120	Before Pre-Filter type	4-Way Cassette	TCTC
	TCB-PLFC2UPE-80	After Pre-Filter type		
Spigot Shaped Flange	TCB-SF80C6BPE	for Ducted chassis width 1000mm	Ducted	TCTC
	TCB-SF160C6BPE	for Ducted chassis width 1400mm		

5. Combinations

Single Split System														
Indoor Type		High-Wall			4-Way Cassette					Ducted				
HP		2.0	3.0	4.0	2.0	3.0	4.0	5.0	6.0	2.0	3.0	4.0	5.0	6.0
DIC Outdoor Unit		RAV-HM561KRTP-E	RAV-HM801KRTP-E	RAV-HM1101KRTP-E	RAV-HM561UTP-E	RAV-HM801UTP-E	RAV-HM1101UTP-E	RAV-HM1401UTP-E	RAV-HM1601UTP-E	RAV-HM561BTP-E	RAV-HM801BTP-E	RAV-HM1101BTP-E	RAV-HM1401BTP-E	RAV-HM1601BTP-E
2.0	RAV-GV561ATP-E	✓			✓									
3.0	RAV-GV801ATP-E		✓			✓					✓			
4.0	RAV-GV1101ATP-E			✓			✓					✓		
5.0	RAV-GV1401ATP-E							✓					✓	
6.0	RAV-GV1601ATP-E								✓					✓
4.0	RAV-GV1101AT8P-E			✓			✓					✓		
5.0	RAV-GV1401AT8P-E							✓					✓	
6.0	RAV-GV1601AT8P-E								✓					✓

For further information please contact our customer support team on **0870 843 0333**, your local representative, your supplier of **TOSHIBA** products or email any enquiries to: - general.enquiries@toshiba-ac.com



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6. Specification Digital Inverter Classic 1-Phase

6.1. High-Wall

Model	Indoor unit		RAV-	HM0561K RTP-E	HM801K RTP-E	HM1101K RTP-E	
	Outdoor unit		RAV-	GV561ATP-E	GV801ATP-E	GV1101ATP-E	
Cooling capacity	Rated		(kW)	5.0	6.7	9.5	
	Min-Max		(kW)	1.5 - 5.8	1.5 - 8.0	3.0 - 10.6	
Heating capacity	Rated		(kW)	5.3	7.0	10.0	
	Min-Max		(kW)	1.5-6.3	1.5 - 9.0	3.0 -13.0	
Power supply			1 phase 220V-240V/50Hz, 220V/60Hz				
Electrical characteristics	Cooling	Power consumption		(kW)	1.45	2.20	3.80
		EER			3.45	3.05	2.50
		PdesignC		(kW)	5.0	8.7	9.5
		SEER	No.	6.20	5.75	6.00	
		Grade (Lot10)		A++	A+	A+	
	Heating	Power consumption		(kW)	1.50	2.20	3.30
		COP			3.53	3.18	3.03
		PdesignH		(kW)	2.80	4.80	7.80
		SCOP	No.	3.90	3.90	4.00	
		Grade (Lot10)		A	A	A+	
Indoor unit							
Appearance	Main unit			Gran White (Monsell: 5PB9/1)			
Outer dimension	Main unit	Height	(mm)	320		348	
		Width	(mm)	1050		1200	
		Depth	(mm)	250		280	
Total weight	Main unit	(kg)		14		19	
Fan unit	Fan			Cross flow fan			
	Standard air flow	H/M/L	(m3/h)	960/830/680	1040/910/680	1610/1350/1180	
Air filter				Standard filter (Long life filter)			
Sound pressure level	H/M/L		(dB)	42/39/35	45/41/35	49/45/41	
Sound power level	H/M/L		(dB)	57/54/50	60/56/50	64/60/56	
Outdoor unit							
Outer dimension	Height	(mm)		550		630	
	Width	(mm)		780		800	
	Depth	(mm)		290		300	
Total weight	Main unit	(kg)		36	39	45	
PO	Chargeless Length	(m)		20		30	
	Max. pipe high	(m)		20		30	
	Max. total length	(m)		30		30	
Flare Connections	Gas side	(inch)		1/2		5/8	
	Liquid side	(inch)		1/4		3/8	
Sound pressure level	Cooling/Heating		(dB)	46/48	48/52	51/53	
Sound power level	Cooling/Heating		(dB)	63/65	65/69	68/70	
Operating Range	Cooling	(°C DBI)		-15/46			
	Heating	(°C WB)		-15/15			

6.2. 4-Way Cassette

Model	Indoor unit		RAV-	HM561UTP-E	HM801UTP-E	HM1101UTP-E	HM1401UTP-E	HM1601UTP-E	
	Outdoor unit		RAV-	GV561ATP-E	GV801ATP-E	GV1101ATP-E	GV1401ATP-E	GV1601ATP-E	
Cooling capacity	Rated		(kW)	5.0	6.7	9.5	11.5	13.0	
	Min-Max		(kW)	1.5-5.6	1.5-8.0	3.0-11.2	3.0-12.0	3.0-14.0	
Heating capacity	Rated		(kW)	5.3	7.0	10.0	11.9	13.5	
	Min-Max		(kW)	1.5-6.3	1.5-9.0	3.0-13.0	3.0-16.0	3.0-18.0	
Power supply			1 phase 220V-240V/50Hz, 220V/60Hz						
Electrical characteristics	Coding	Power consumption		(kW)	1.60	2.20	3.15	4.60	5.40
		EER			3.13	3.05	3.02	2.50	2.41
		PdesignC		(kW)	5.0	6.7	9.5	11.5	13.0
		SEER	No.	6.20	6.00	6.00	5.10	5.90	
		Grade (Lot10)		A++	A+	A+	A	-	
	Heating	Power consumption		(kW)	1.40	1.90	3.10	3.80	3.90
		COP			3.79	3.68	3.23	3.13	3.46
		PdesignH		(kW)	2.8	4.8	7.6	7.8	8.0
		SCOP	No.	4.20	4.15	4.00	3.90	4.20	
		Grade (Lot10)		A+	A+	A+	A	-	
Indoor unit									
Appearance	Main unit		Zinc hot dipping steel plate						
	Ceiling panel	Model	Standard panel: RBC-U32PGP-E / Smart panel: RBC-U33P-E						
Outer dimension	(Sold separately)	Panel colour		Standard panel: White (Munsell 2.5GY9.0/0.5) / Smart panel: Gran White (Munsell 5PB9/1)					
		Height	(mm)	256		319			
	Main unit	Width	(mm)	840					
		Depth	(mm)	840					
		Ceiling panel	Height	(mm)	30				
	Width		(mm)	950					
	Depth		(mm)	950					
Total weight	Main unit		(kg)	20		24			
	Ceiling panel		(kg)	4.2 (RBC-U32PGP-E), 4.0 (RBC-U33P-E)					
Fan unit	Fan		Turbo fan						
	Standard air flow	H/M/L	(m3/h)	1050/870/780	1230/960/810	2010/1440/1170	2100/1440/1230	2130/1500/1230	
Air filter			Standard filter (Long life filter)						
Sound pressure level		H/M/L	(dB)	32/29/28	35/31/28	43/38/33	44/38/34	45/40/36	
Sound power level		H/M/L	(dB)	47/44/43	50/46/43	58/53/48	59/53/49	60/55/51	
Outdoor unit									
Outer dimension	Height		(mm)	550		630	710	890	
	Width		(mm)	780		800	900	900	
	Depth		(mm)	290		300	320	320	
Total weight	Main unit		(kg)	36	39	45	57	64	
	Chargeless Length		(m)	20		30			
P.O	Max. pipe high		(m)	20		30			
	Max. total length		(m)	30		30			
Flare Connections	Gas side		(inch)	1/2		5/8			
	Liquid side		(inch)	1/4		3/8			
Sound pressure level	Cooling/Heating		(dB)	46/48	48/52	51/53	53/60	57/59	
Sound power level	Cooling/Heating		(dB)	63/65	65/69	68/70	70/77	74/76	
Operating Range	Cooling		(°C DBI)	-15/46					
	Heating		(°C WB)	-15/15					

6.3. Ducted

Model	Indoor unit	RAV-	HM801BTP-E	HM1101BTP-E	HM1401BTP-E	HM1601BTP-E
	Outdoor unit	RAV-	GV801ATP-E	GV1101ATP-E	GV1401ATP-E	GV1601ATP-E
Cooling capacity	Rated	(kW)	6.7	9.5	11.5	13.0
	Min-Max	(kW)	1.5-8.0	3.0-11.2	3.0-12.0	3.0-14.0
Heating capacity	Rated	(kW)	7.0	10.0	11.9	13.5
	Min-Max	(kW)	1.5-9.0	3.0-13.0	3.0-16.0	3.0-18.0
Power supply			1 phase 220V-240V/50Hz, 220V/60Hz			
Electrical characteristics	Coding	Power consumption	(kW)	2.30	3.17	4.70
		EER		2.91	3.00	2.45
		PdesignC	(kW)	6.7	9.5	11.5
		SEER	No.	5.10	5.10	5.10
			Grade (Lot10)	A	A	A
	Heating	Power consumption	(kW)	2.33	3.00	3.90
		COP		3.00	3.33	3.05
		PdesignH	(kW)	4.8	7.6	7.8
		SCOP	No.	4.00	3.80	3.80
			Grade (Lot10)	A+	A	A
Indoor unit						
Appearance	Main unit		Zinc hot dipping steel plate			
Outer dimension	Main unit	Height	(mm)	275		
		Width	(mm)	1000	1400	
		Depth	(mm)	750		
Total weight	Main unit	(kg)	30	40		
Fan unit	Fan		Centrifugal fan			
	Standard air flow	H/M/L (m3/h)	1200/930/720	2100/1650/1260	2100/1650/1260	2100/1650/1260
External static pressure	Standard (Upper-Lower) (Pa)		30 (150-30)	40 (150-30)	50 (150-30)	
Air filter			Standard filter (Long life filter)			
Sound pressure level		H/M/L (dB)	34/30/26	40/36/33	40/36/33	40/36/33
Sound power level		H/M/L (dB)	49/45/41	55/51/48	55/51/48	55/51/48
Outdoor unit						
Outer dimension	Height	(mm)	550	630	710	890
	Width	(mm)	780	800	900	900
	Depth	(mm)	290	300	320	320
Total weight	Main unit	(kg)	39	45	57	64
PO	Chargeless Length	(m)	20	30		
	Max. pipe high	(m)	20	30		
	Max. total length	(m)	30	30		
Flare Connections	Gas side	(inch)	5/8			
	Liquid side	(inch)	3/8			
Sound pressure level	Cooling/Heating	(dB)	48/52	51/53	53/60	57/59
Sound power level	Cooling/Heating	(dB)	65/69	68/70	70/77	74/76
Operating Range	Cooling	(°C DBI)	-15/46			
	Heating	(°C WB)	-15/15			



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