

New R-32 Super Digital Inverter Products

TOSHIBA are pleased to announce the launch of the new R-32 Super Digital Inverter heat pumps indoor and outdoor units to join the light commercial product range.



1. Line Up

Outdoor Model	HP	Cooling	Heating	Type
RAV-GP561ATP-E	2.0	5.0	5.6	1-PH
RAV-GP801AT-E	3.0	7.1	8.0	1-PH
RAV-GP1101AT-E	4.0	10.0	11.2	1-PH
RAV-GP1401AT-E	5.0	12.5	14.0	1-PH

Type	Indoor Model	HP
Compact Cassette	RAV-RM301MUT-E	1.0
	RAV-RM401MUT-E	1.5
	RAV-RM561MUT-E	2.0
	RAV-RM561UT-E	2.0
Smart 4-Way Cassette	RAV-RM801UT-E	3.0
	RAV-RM1101UT-E	4.0
	RAV-RM1401UT-E	5.0
	RAV-RM561UTP-E	2.0
4-Way Cassette	RAV-RM801UTP-E	3.0
	RAV-RM1101UTP-E	4.0
	RAV-RM1401UTP-E	5.0
	RAV-RM401CTP-E	1.5
Ceiling	RAV-RM561CTP-E	2.0
	RAV-RM801CTP-E	3.0
	RAV-RM1101CTP-E	4.0
	RAV-RM1401CTP-E	5.0
Slim Ducted	RAV-RM301SDT-E	1.0
	RAV-RM401SDT-E	1.5
	RAV-RM561SDT-E	2.0
Ducted	RAV-RM401BTP-E	1.5
	RAV-RM561BTP-E	2.0
	RAV-RM801BTP-E	3.0
	RAV-RM1101BTP-E	4.0
	RAV-RM1401BTP-E	5.0

2. Features

- More Eco-Friendly: Thanks to the new chassis, compressor and refrigerant; the efficiency has been considerably improved.
- No.1 SEER and No.1 SCOP among R32 Light Commercial range for the 3/4/5HP models with new Smart 4-Way Cassette).



3. Features

- The stand-by power has been reduced with the new R32 SDI.
- Comparing the current SDI with a standard 4-Way Cassette against the new SDI with the Smart 4-Way Cassette, the power consumption can drop 50%.
- Increased temperature range: cooling -15°C to 52°C; heating -27°C to 15°C

4. Production Date

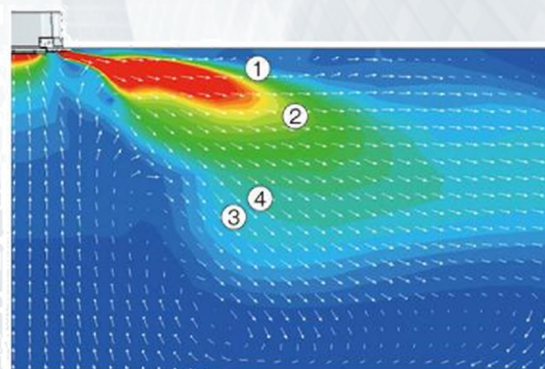
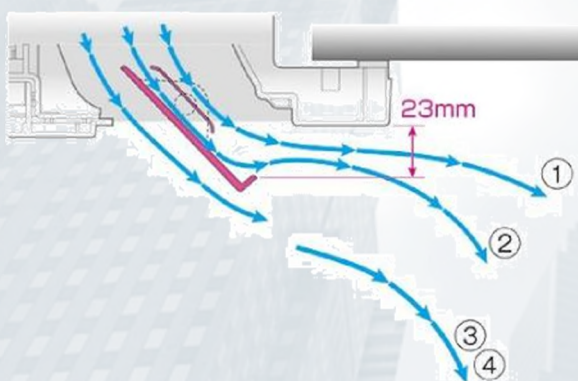
FCU: 2-5HP beginning of March 2018 (excluding High-Wall which will be commence June 2018).

CDU: 3-5HP beginning of March 2018, 1-5HP April 2018

Anticipated availability ex-stock UK warehouse July 2018.

5. New Smart 4-Way Cassette

- New panel:
 - ◆ Simple and elegant design
 - ◆ Straight-line design without meaningless curves
- Magic Coil Feature:
 - ◆ Oil and dirt on heat-exchanger can be flushed with dew condensation water and the performance and energy efficiency can be maintained.
- Wireless Remote Controller*
- Occupancy sensor*
 - ◆ Optional accessory that can cut the power so the energy doesn't get wasted.
- New Flap shape:
 - ◆ Individual louver control: enables to each louver position separately
 - ◆ 5 Fan speeds (only supported with the RBC-AMS55(54)E-ES/EN)
 - ◆ Two types of air flow at the same time, a strong (① & ②) directional air flow and a weak (③ & ④) directional air



Note: The Smart 4-Way Cassette can only be connected to R32 SDI

*1: Either occupancy sensor or the wireless remote controller can be supported (cannot work at the same time)

6. New Remote Controller

New Remote Controller (RBC-AMS55E-EN/ES) with a Energy monitoring Function for the R32 SDI. Using this Remote Controller, the user can check the current power consumption and compare it with previous days, for example:

- Today vs. Yesterday (per 2 hrs)
- Today vs. 1 week ago (per 2 hrs)
- This week vs Last week (per 1 day)



7. Production Date

FCU: 2-5HP beginning of March 2018 (excluding High-Wall which will be commence June 2018).

CDU: 3-5HP beginning of March 2018, 1-5HP April 2018

Anticipated availability ex-stock UK warehouse July 2018.

8. Accessories

Accessory Parts List		4-Way Smart Cassette				4-Way Cassette				Compact Cassette				Slim Ducted				Ducted				Under ceiling			
		series 1				series 1				series 1				series 1				series 1				series 1			
		RAV-GM561UT-E	RAV-GM801UT-E	RAV-GM1101UT-E	RAV-GM1401UT-E	RAV-RM561UTP-E	RAV-RM801UTP-E	RAV-RM1101UTP-E	RAV-RM1401UTP-E	RAV-RM301MUT-E	RAV-RM401MUT-E	RAV-RM451MUT-E	RAV-RM561MUT-E	RAV-RM301SDT-E	RAV-RM401SDT-E	RAV-RM451SDT-E	RAV-RM561SDT-E	RAV-RM561BTP-E	RAV-RM801BTP-E	RAV-RM1101BTP-E	RAV-RM1401BTP-E	RAV-RM561CTP-E	RAV-RM801CTP-E	RAV-RM1101CTP-E	RAV-RM1401CTP-E
Wired Remote Controller	RBC-AMS51E-EN,ES	OK				OK				OK				OK				OK				OK			
	RBC-AMS55E-EN, ES	OK				OK				OK				OK				OK				OK			
	RBC-AMS41E	OK				OK				OK				OK				OK				OK			
	RBC-AMT32E	OK				OK				OK				OK				OK				OK			
	RBC-AS41E	OK				OK				OK				OK				OK				OK			
Wireless Remote Controller	RBC-AX41U(W)-E	OK																							
	RBC-AX32UM(W)-E									OK															
	TCB-AX32E2	OK				OK				OK				OK				OK				OK			
	RBC-AX32U(W)-E					OK																			
	RBC-AX33CE																						OK		
Schedule Timer	TCB-EXS21TLE	OK				OK				OK				OK				OK				OK			
TCC-Link adaptor	TCB-PCNT30TLE2	OK				OK				OK				OK				OK				OK			
Ceiling Panel	RBC-U41PG(W)-E	OK																							
	RBC-UM21PG(W)-E									OK															
	RBC-U31PGP(W)-E					OK																			
Occupancy Sensor	TCB-SIR41UM-E									OK															
	TCB-SIR41U-E	OK																							
Fresh air filter chamber	TCB-GFC1603UE	OK																							
	TCB-GFC1602UE					OK																			
Spacer for height adjustment	TCB-SP1603UE	OK																							
	TCB-SP1602UE					OK																			
Air discharge direction kit	TCB-BC1603UE	OK																							
	TCB-BC1602UE					OK																			
Auxiliary fresh air flange	TCB-FF101URE2	OK				OK				OK				OK											
Optional connecting kit	TCB-PCUC1E																						OK		
Spigot shaped flange	TCB-SF56C6BPE																OK								
	TCB-SF80C6BPE																	OK							
	TCB-SF160C6BPE																		OK						

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

9. Preliminary Specifications Compact Cassette (subject to change)

Model name		Indoor unit		RAV-RM561MUT-E	
		Outdoor unit		RAV-GP561ATP-E	
Cooling capacity				kW	5.0 <1.2-5.6>
Heating capacity				kW	5.6 <0.9-7.0>
Power supply				Phase-Hz-V	1-50-230 (220-240)
Electrical characteristics	Cooling	Running current	220V-240V	A	7.49 - 6.87
		Power input	Rated{Min.-Max.}	kW	1.56 (0.19-1.97)
		EER			3.21
	Heating	Running current	220V-240V	A	7.68-7.04
		Power input	Rated{Min.-Max.}	kW	1.60(0.16-2.36)
		COP			3.50
Maximum current				A	13.1
Indoor unit					
Model name					RAV-RM561MUT-E
Appearance	Main unit				Zinc hot dipping steel plate * Heat-insulating material attached to only upper plate
	Ceiling panel (Sold Separately)	Model name		RBC-UM21PG(W)-E	
		Color		Gran White (Mansell 5PB9/1)	
Dimension	Main unit	Height	mm	256	
		Width	mm	575	
		Depth	mm	575	
	Panel	Height	mm	12	
		Width	mm	620	
		Depth	mm	620	
Weight	Main unit		kg	15	
	Panel		kg	2.5	
Heat exchanger					Finned tube
Fan unit	Fan			turbo fan	
	Air flow	H/M+/M/L+/L	m ³ /h	798/720/672/562/546	
	Motor output			W	60
Sound pressure level	Cooling/Heating	H/M+/M/L+/L	dB A	44/42/39/36/35	
Sound power level	Cooling/Heating	H/M+/M/L+/L	dB A	59/57/54/51/50	
Outdoor unit					
Model name					RAV-GP561ATP-E
Dimension	Height		mm	630	
	Width		mm	799	
	Depth		mm	299	
Weight				kg	45
Compressor type				DC Twin Rotary	
Fan motor output				W	43
Air flow				m ³ /h	2250
Refrigerant Quantity in Outdoor unit				kg	1.35
Additional refrigerant charge				g/m	20
Pipe connections	Pipe length	At rated performance		m	7.5
	Minimum Pipe length			m	3.0
	Maximum Pipe length			m	50.0
	Maximum Height difference			m	30.0
	Charge less length			m	20.0
Flare connection	Main pipe	Gas/Liquid	mm	12.7/6.4	
	Branch pipe	Gas/Liquid	mm	-	
Sound pressure level	Cooling/Heating			dB A	46/48
Sound power level	Cooling/Heating			dB A	63/65
Operating range	Cooling			°C	-15 to 52
	Heating			°C	-27 to 15

10. Preliminary Specifications Smart 4-Way Cassette (subject to change)

Model name		Indoor unit			RAV-GM561UT-E	RAV-GM801UT-E	RAV-GM1101UT-E	RAV-GM1401UT-E
		Outdoor unit			RAV-GP561ATP-E	RAV-GP801AT-E	RAV-GP1101AT-E	RAV-GP1401AT-E
Cooling capacity				kW	5.0 < 1.2 - 5.6 >	7.1 (1.9-8.0)	10.0 (3.1-12.0)	12.5 (3.1-14.0)
Heating capacity				kW	5.6 < 0.9 - 7.4 >	8.0 (1.3-11.3)	11.2 (2.6-13.0)	14.0 (2.6-16.5)
Power supply				Phase-Hz-V	1-50-230(220-240)	1-50-230(220-240)	1-50-230(220-240)	1-50-230(220-240)
Electrical characteristics	Cooling	Running current	220V-240V	A	7.36 - 6.75	6.70 - 6.14	9.09 - 8.33	13.92 - 12.76
		Power input	Rated(Min.-Max.)	kW	1.52(0.19-1.99)	1.37(0.26-2.94)	1.90(0.56-2.80)	2.91(0.59-3.40)
		EER			3.29	5.18	5.26	4.30
	Heating	Running current	220V-240V	A	7.66 - 7.03	7.01 - 6.43	10.43 - 9.56	14.55 - 13.33
		Power input	Rated(Min.-Max.)	kW	1.61(0.16-2.76)	1.45(0.20-3.15)	2.18(0.41-2.98)	3.04(0.41-4.18)
		COP			3.48	5.52	5.14	4.61
	Maximum current			A	13.1	20.3	20.5	20.5
Indoor unit								
Model name					RAV-GM561UT-E	RAV-GM801UT-E	RAV-GM1101UT-E	RAV-GM1401UT-E
Appearance	Main unit				Zinc hot dipping steel plate			
	Ceiling panel (Sold Separately)		Model name		RBC-U41PG(W)-E	RBC-U41PG(W)-E	RBC-U41PG(W)-E	RBC-U41PG(W)-E
Dimension	Main unit	Color		Gran White (Mansell 5PB9/1)				
		Height	mm	256	319	319	319	
		Width	mm	840	840	840	840	
	Panel	Depth	mm	840	840	840	840	
		Height	mm	30	30	30	30	
		Width	mm	950	950	950	950	
Weight	Main unit		kg	20	25	25	25	
	Panel		kg	5	5	5	5	
Heat exchanger								
Fan unit	Fan				turbo fan	turbo fan	turbo fan	turbo fan
	Air flow		H/M/L	m ³ /h	1050/900/750	1920/1290/810	2250/1650/1050	2250/1710/1170
	Motor output			W	60	130	130	130
Sound pressure level			H/M/L	dB·A	32/29/26	42/35/27	48/40/31	48/41/33
Sound power level			H/M/L	dB A	48/45/43	56/49/43	61/54/46	61/55/48
Outdoor unit								
Model name					RAV-GP561ATP-E	RAV-GP801AT-E	RAV-GP1101AT-E	RAV-GP1401AT-E
Dimension	Height			mm	630	1050	1550	1550
	Width			mm	799	1010	1010	1010
	Depth			mm	299	370	370	370
Weight				kg	45	74	104	104
Compressor type					DC Twin Rotary	DC Twin Rotary	DC Twin Rotary	DC Twin Rotary
Fan motor output				W	43	60	100+100	100+100
Air flow				m ³ /h	2250	3180	6960	6960
Refrigerant Quantity in Outdoor unit				kg	1.35	1.9	3.1	3.1
Additional refrigerant charge				g/m	20	35	35	35
Pipe connections	Pipe length	At rated performance		m	7.5	7.5	7.5	7.5
	Minimum Pipe length			m	3.0	3.0	3.0	3.0
	Maximum Pipe length			m	50.0	50.0	75.0	75.0
	Maximum Height difference			m	30.0	30.0	30.0	30.0
	Charge less length			m	20.0	30.0	30.0	30.0
Flare connection	Main pipe	Gas/Liquid	mm	12.7/6.4	15.9/9.5	15.9/9.5	15.9/9.5	
	Branch pipe	Gas/Liquid	mm	-	12.7/6.4	12.7/6.4	15.9/9.5	
Sound pressure level	Cooling/Heating			dB A	46/48	46/48	49/50	50/51
Sound power level	Cooling/Heating			dB A	63/65	63/65	66/67	67/68
Operating range	Cooling			°C	-15 to 52	-15 to 52	-15 to 52	-15 to 52
	Heating			°C	-27 to 15	-27 to 15	-27 to 15	-27 to 15

11. Preliminary Specifications 4-Way Cassette (subject to change)

Model name		Indoor unit		Outdoor unit		RAV-RM561UTP-E	RAV-RM801UTP-E	RAV-RM1101UTP-E	RAV-RM1401UTP-E
						RAV-GP561ATP-E	RAV-GP801AT-E	RAV-GP1101AT-E	RAV-GP1401AT-E
Cooling capacity				kW		5.0 <1.2 - 5.6>	7.1 (1.9-8.0)	10.0 (3.1-12.0)	12.5 (3.1-14.0)
Heating capacity				kW		5.6 <0.9 - 8.1>	8.0 (1.3-11.3)	11.2 (2.6-13.0)	14.0 (2.6-16.5)
Power supply				Phase-Hz-V		1-50-230(220-240)	1-50-230(220-240)	1-50-230(220-240)	1-50-230(220-240)
	Cooling	Running current	220V-240V	A	6.04 - 5.54	7.72 - 7.08	10.19 - 9.34	15.12 - 13.86	
		Power input	Rated(Min.-Max.)	kW	1.22(0.19-1.97)	1.58(0.26-3.15)	2.13(0.53-3.05)	3.16(0.53-3.55)	
		EER			4.1	4.49	4.69	3.96	
Electrical characteristics	Heating	Running current	220V-240V	A	6.33 - 5.80	8.56 - 7.85	11.20 - 10.26	15.36 - 14.08	
		Power input	Rated(Min.-Max.)	kW	1.30(0.16-2.76)	1.77(0.20-3.47)	2.34(0.40-3.08)	3.21(0.40-4.38)	
		COP			4.31	4.52	4.79	4.36	
Maximum current				A		13.1	20.3	20.5	20.5
Indoor unit									
Model name						RAV-RM561UTP-E	RAV-RM801UTP-E	RAV-RM1101UTP-E	RAV-RM1401UTP-E
Appearance	Main unit			Zinc hot dipping steel plate					
	Ceiling panel (Sold Separately)	Model name		RBC-U31PG(W, WS)-E, RBC-31PGS(W,WS)-E					
		Color		W: Moon-white(2.5GY 9.0/0.5), WS: Strive-white(2.5GY 9.0/0.5, Gray(8B 3/0.3))					
Dimension	Main unit	Height	mm	256	256	319	319		
		Width	mm	840	840	840	840		
		Depth	mm	840	840	840	840		
	Panel	Height	mm	30	30	30	30		
		Width	mm	950	950	950	950		
		Depth	mm	950	950	950	950		
Weight	Main unit		kg	20	20	24	24		
	Panel		kg	4.2	4.2	4.2	4.2		
Heat exchanger				Finned tube		Finned tube	Finned tube	Finned tube	
Fan unit	Fan			turbo fan		turbo fan	turbo fan	turbo fan	
	Air flow	H/M/L	m³/h	1050/870/780	1230/960/810	2010/1440/1170	2010/1440/1170		
	Motor output			14	20	68	72		
Sound pressure level			H/M/L	dB A	32/29/28	35/31/28	43/38/33	44/38/34	
Sound power level			H/M/L	dB A	47/44/43	50/46/43	56/53/48	59/53/49	
Outdoor unit									
Model name						RAV-GP561ATP-E	RAV-GP801AT-E	RAV-GP1101AT-E	RAV-GP1401AT-E
Dimension	Height		mm	630	1050	1550	1550		
	Width		mm	799	1010	1010	1010		
	Depth		mm	299	370	370	370		
Weight				kg	45	74	104	104	
Compressor type				DC Twin Rotary		DC Twin Rotary	DC Twin Rotary	DC Twin Rotary	
Fan motor output				W	43	60	100+100	100+100	
Air flow				m³/h	2250	3180	6960	6960	
Refrigerant Quantity in Outdoor unit				kg	1.35	1.9	3.1	3.1	
Additional refrigerant charge				g/m	20	35	35	35	
Pipe connections	Pipe length	At rated performance		m	7.5	7.5	7.5	7.5	
	Minimum Pipe length		m	3.0	3.0	3.0	3.0		
	Maximum Pipe length		m	50.0	50.0	75.0	75.0		
	Maximum Height difference		m	30.0	30.0	30.0	30.0		
Flare connection	Charge less length		m	20.0	30.0	30.0	30.0		
	Main pipe	Gas/Liquid	mm	12.7/6.4	15.9/9.5	15.9/9.5	15.9/9.5		
	Branch pipe	Gas/Liquid	mm	-	12.7/6.4	12.7/6.4	15.9/9.5		
Sound pressure level	Cooling/Heating			dB A	46/48	46/48	49/50	50/51	
Sound power level	Cooling/Heating			dB A	63/65	63/65	66/67	67/68	
Operating range	Cooling			℃	-15 to 52	-15 to 52	-15 to 52	-15 to 52	
	Heating			℃	-27 to 15	-27 to 15	-27 to 15	-27 to 15	

12. Preliminary Specifications Ceiling (subject to change)

Model name		Indoor unit		RAV-RM561CTP-E		RAV-RM801CTP-E		RAV-RM1101CTP-E		RAV-RM1401CTP-E	
		Outdoor unit		RAV-GP561ATP-E		RAV-GP801AT-E		RAV-GP1101AT-E		RAV-GP1401AT-E	
Cooling capacity				kW	5.0 <1.2-5.6>	7.1 (1.9-8.0)	10.0 (3.1-12.0)	12.5 (3.1-14.0)			
Heating capacity				kW	5.6 <0.9-7.4>	8.0 (1.3-11.3)	11.2 (2.6-13.0)	14.0 (2.6-16.5)			
Power supply				Phase-Hz-V	1-50-230(220-240)	1-50-230(220-240)	1-50-230(220-240)	1-50-230(220-240)			
Electrical characteristics	Cooling	Running current	220V-240V	A	6.70 - 6.14	7.82 - 7.17	10.67 - 9.78	17.13 - 15.70			
		Power input	Rated(Min.-Max.)	kW	1.37(0.19-1.98)	1.60(0.26-3.17)	2.23(0.55-3.45)	3.58(0.55-3.97)			
		EER			3.65	4.44	4.48	3.49			
	Heating	Running current	220V-240V	A	6.71 - 6.15	8.70 - 7.98	11.39 - 10.44	17.18 - 15.75			
		Power input	Rated(Min.-Max.)	kW	1.39(0.16-2.67)	1.80(0.20-3.55)	2.38(0.41-3.09)	3.59(0.41-4.40)			
		COP			4.03	4.44	4.71	3.90			
Maximum current			A	13.1	20.6	21.0	21.6				
Indoor unit											
Model name					RAV-RM561CTP-E	RAV-RM801CTP-E	RAV-RM1101CTP-E	RAV-RM1401CTP-E			
Appearance		Main unit			Pure White (N9.1)	Pure White (N9.1)	Pure White (N9.1)	Pure White (N9.1)			
Dimension	Height		mm	235	235	235	235				
	Width		mm	950	1270	1586	1586				
	Depth		mm	690	690	690	690				
Weight		kg	23	29	35	35					
Heat exchanger					Finned tube	Finned tube	Finned tube	Finned tube			
Fan unit	Fan			Centrifugal fan	Centrifugal fan	Centrifugal fan	Centrifugal fan				
	Standard air flow		H/M/L	m³/h	900/720/540	1410/1000/750	1860/1350/1020	2040/1530/1200			
	Motor output		W	94	94	139	139				
Sound pressure level		H/M/L	dB A	37/35/28	41/36/29	44/38/32	46/41/35				
Sound power level		H/M/L	dB A	52/50/43	56/51/44	59/53/47	61/56/50				
Outdoor unit											
Model name					RAV-GP561ATP-E	RAV-GP801AT-E	RAV-GP1101AT-E	RAV-GP1401AT-E			
Dimension	Height		mm	630	1050	1550	1550				
	Width		mm	799	1010	1010	1010				
	Depth		mm	299	370	370	370				
Weight		kg	45	74	104	104					
Compressor type				DC Twin Rotary	DC Twin Rotary	DC Twin Rotary	DC Twin Rotary				
Fan motor output		W	43	60	100+100	100+100					
Air flow		m³/h	2250	3180	6960	6960					
Refrigerant Quantity in Outdoor unit		kg	1.35	1.9	3.1	3.1					
Additional refrigerant charge		g/m	20	35	35	35					
Pipe connections	Pipe length	At rated performance		m	7.5	7.5	7.5	7.5			
	Minimum Pipe length		m	3.0	3.0	3.0	3.0				
	Maximum Pipe length		m	50.0	50.0	75.0	75.0				
	Maximum Height difference		m	30.0	30.0	30.0	30.0				
	Charge less length		m	20.0	30.0	30.0	30.0				
Flare connection	Main pipe	Gas/Liquid	mm	12.7/6.4	15.9/9.5	15.9/9.5	15.9/9.5				
	Branch pipe	Gas/Liquid	mm	-	12.7/6.4	12.7/6.4	15.9/9.5				
Sound pressure level	Cooling/Heating		dB A	46/48	46/48	49/50	50/51				
Sound power level	Cooling/Heating		dB A	63/65	63/65	66/67	67/68				
Operating range	Cooling		°C	-15 to 52	-15 to 52	-15 to 52	-15 to 52				
	Heating		°C	-27 to 15	-27 to 15	-27 to 15	-27 to 15				

13. Preliminary Specifications Slim Ducted (subject to change)

Model name		Indoor unit			RAV-RM561SDT-E
		Outdoor unit			RAV-GP561ATP-E
Cooling capacity				kW	5.0 < 1.2 - 5.6 >
Heating capacity				kW	5.6 < 0.9 - 7.0 >
Power supply				Phase-Hz-V	1-50-230(220-240)
Electrical characteristics	Cooling	Running current	220V-240V	A	7.57 - 6.94
		Power input	Rated(Min.-Max.)	kW	1.56(0.19-1.98)
		EER			3.21
	Heating	Running current	220V-240V	A	7.81 - 7.15
		Power input	Rated(Min.-Max.)	kW	1.58(0.16-2.66)
		COP			3.54
Maximum current			A	13.1	
Indoor unit					
Model name					RAV-RM561SDT-E
Dimension			Height	mm	210
			Width	mm	845
			Depth	mm	645
Weight				kg	22
Heat exchanger					Finned tube
Fan unit	Fan				Centrifugal
	Standard air flow		H/M/L	m ³ /h	780/678/582
	Motor output			W	60
	External static pressure		Factory setting	Pa	4
	External static pressure range		Upper-Lower	Pa	24-0
Sound pressure level			H/M/L	dB-A	45/40/36
Sound power level			H/M/L	dB-A	55/53/48
Outdoor unit					
Model name					RAV-GP561ATP-E
Dimension			Height	mm	630
			Width	mm	799
			Depth	mm	299
Weight				kg	45
Compressor type					DC Twin Rotary
Fan motor output				W	43
Air flow				m ³ /h	2250
Refrigerant Quantity in Outdoor unit				kg	1.35
Additional refrigerant charge				g/m	20
Pipe connections	Pipe length	At rated performance		m	7.5
	Minimum Pipe length			m	3.0
	Maximum Pipe length			m	50.0
	Maximum Height difference			m	30.0
	Charge less length			m	20.0
Flare connection	Main pipe	Gas/Liquid	mm	12.7/6.4	
	Branch pipe	Gas/Liquid	mm	-	
Sound pressure level	Cooling/Heating			dB-A	46/48
Sound power level	Cooling/Heating			dB-A	63/65
Operating range	Cooling			°C	-15 to 52
	Heating			°C	-27 to 15

14. Preliminary Specifications Ducted (subject to change)

Model name		Indoor unit			RAV-RM561BTP-E	RAV-RM801BTP-E	RAV-RM1101BTP-E	RAV-RM1401BTP-E
		Outdoor unit			RAV-GP561ATP-E	RAV-GP801AT-E	RAV-GP1101AT-E	RAV-GP1401AT-E
Cooling capacity		kW			5.0 < 1.2 - 5.6 >	7.1 (1.9-8.0)	10.0 (3.1-12.0)	12.5 (3.1-14.0)
Heating capacity		kW			5.6 < 0.9 - 7.4 >	8.0 (1.3-11.3)	11.2 (2.6-13.0)	14.0 (2.6-16.5)
Power supply		Phase-Hz-V			1-50-230(220-240)	1-50-230(220-240)	1-50-230(220-240)	1-50-230(220-240)
Electrical characteristics	Cooling	Running current	220V-240V	A	7.36 - 6.75	7.97 - 7.30	11.48 - 10.53	17.08 - 15.66
		Power input	Rated(Min.-Max.)	kW	1.52(0.19-1.99)	1.63(0.26-3.20)	2.40(0.65-3.63)	3.57(0.65-3.97)
		EER			3.29	4.36	4.17	3.50
	Heating	Running current	220V-240V	A	7.66 - 7.03	8.95 - 8.20	13.06 - 11.97	17.37 - 15.92
		Power input	Rated(Min.-Max.)	kW	1.61(0.16-2.76)	1.85(0.20-3.55)	2.73(0.47-3.38)	3.63(0.47-4.43)
		COP			3.48	4.32	4.10	3.86
	Maximum current		A			13.1	20.7	22.8
Indoor unit								
Model name					RAV-RM561BTP-E	RAV-RM801BTP-E	RAV-RM1101BTP-E	RAV-RM1401BTP-E
Appearance	Main unit				Zinc hot dipping steel plate			
Dimension	Height		mm	275	275	275	275	
	Width		mm	700	1000	1400	1400	
	Depth		mm	750	750	750	750	
Weight		kg			23	30	40	40
Heat exchanger					Finned tube	Finned tube	Finned tube	Finned tube
Fan unit	Fan			Centrifugal fan	Centrifugal fan	Centrifugal fan	Centrifugal fan	
	Standard air flow		H/M/L	m ³ /h	800/660/540	1200/990/870	2100/1740/1500	2100/1740/1500
	Motor output			150	150	250	250	
	External static pressure		Factory setting	Pa	30	30	50	50
	External static pressure range		Upper-Lower	Pa	120-30	120-30	120-30	120-30
Sound pressure level		H/M/L	dB-A	33/29/25	34/30/26	40/36/33	40/36/33	
Sound power level		H/M/L	dB-A	55/51/46	55/51/46	63/58/54	63/58/54	
Outdoor unit								
Model name					RAV-GP561ATP-E	RAV-GP801AT-E	RAV-GP1101AT-E	RAV-GP1401AT-E
Dimension	Height		mm	630	1050	1550	1550	
	Width		mm	799	1010	1010	1010	
	Depth		mm	299	370	370	370	
Weight		kg			45	74	104	104
Compressor type					DC Twin Rotary	DC Twin Rotary	DC Twin Rotary	DC Twin Rotary
Fan motor output		W			43	60	100+100	100+100
Air flow		m ³ /h			2250	3180	6960	6960
Refrigerant Quantity in Outdoor unit		kg			1.35	1.9	3.1	3.1
Additional refrigerant charge		g/m			20	35	35	35
Pipe connections	Pipe length	At rated performance		m	7.5	7.5	7.5	7.5
	Minimum Pipe length		m	3.0	3.0	3.0	3.0	
	Maximum Pipe length		m	50.0	50.0	75.0	75.0	
	Maximum Height difference		m	30.0	30.0	30.0	30.0	
	Charge less length		m	20.0	30.0	30.0	30.0	
Flare connection	Main pipe	Gas/Liquid	mm	12.7/6.4	15.9/9.5	15.9/9.5	15.9/9.5	
	Branch pipe	Gas/Liquid	mm	-	12.7/6.4	12.7/6.4	15.9/9.5	
Sound pressure level	Cooling/Heating		dB-A	46/48	46/48	49/50	50/51	
Sound power level	Cooling/Heating		dB-A	63/65	63/65	66/67	67/68	
Operating range	Cooling		°C	-15 to 52	-15 to 52	-15 to 52	-15 to 52	
	Heating		°C	-27 to 15	-27 to 15	-27 to 15	-27 to 15	

15. Preliminary Specifications Compact Cassette Twin System (subject to change)

Model name	Indoor unit				RAV-RM401MUT-E	RAV-RM561MUT-E	
					RAV-RM401MUT-E	RAV-RM561MUT-E	
	Outdoor unit				RAV-GP801AT-E	RAV-GP1101AT-E	
Cooling capacity					kW	7.1 (1.9-8.0)	10.0 (3.1-12.0)
Heating capacity					kW	8.0 (1.3-11.3)	11.2 (2.6-13.0)
Power supply					Phase-Hz-V	1-50-230(220-240)	1-50-230(220-240)
Electrical characteristics	Cooling	Running current	220V-240V	A	8.46 - 7.75	11.44 - 10.48	
		Power input	Rated(Min.-Max.)	kW	1.73(0.26-3.30)	2.39(0.58-3.45)	
		EER			4.10	4.18	
	Heating	Running current	220V-240V	A	8.80 - 8.07	12.78 - 11.71	
		Power input	Rated(Min.-Max.)	kW	1.82(0.20-3.52)	2.67(0.41-3.14)	
		COP			4.40	4.19	
	Maximum current				A	20.8	21.1
Indoor unit							
Model name						RAV-RM401MUT-E	RAV-RM561MUT-E
Appearance	Main unit				Zinc hot dipping steel plate * Heat-insulating material attached to only upper plate		
	Ceiling panel (Sold Separately)	Model name	Color		RBC-UM21PG(W)-E	RBC-UM21PG(W)-E	
Dimension	Main unit	Height	mm	256	256		
		Width	mm	575	575		
		Depth	mm	575	575		
	Panel	Height	mm	12	27		
		Width	mm	620	620		
		Depth	mm	620	620		
Weight	Main unit	kg		15	15		
	Panel	kg		2.5	2.5		
Heat exchanger					Finned tube	Finned tube	
Fan unit	Fan				turbo fan	turbo fan	
	Air flow	H/M+/M/L+/L	m ³ /h	660/610/552/480/468	798/720/672/562/546		
	Motor output		W	60	60		
Sound pressure level	Cooling/Heating	H/M+/M/L+/L	dB A	41/38/36/33/32	44/42/39/36/35		
Sound power level	Cooling/Heating	H/M+/M/L+/L	dB A	56/53/51/48/47	59/57/54/51/50		
Branch-kit	(Sold separately)				RBC-TWP30E2	RBC-TWP30E2	
Outdoor unit							
Model name						RAV-GP801AT-E	RAV-GP1101AT-E
Dimension	Height		mm	1050	1550		
	Width		mm	1010	1010		
	Depth		mm	370	370		
Weight			kg	74	104		
Compressor type					DC Twin Rotary	DC Twin Rotary	
Fan motor output					W	60	100+100
Air flow					m ³ /h	3180	6960
Refrigerant Quantity in Outdoor unit					kg	1.9	3.1
Additional refrigerant charge					g/m	35	35
Pipe connections	Pipe length	At rated performance		m	7.5	7.5	
	Minimum Pipe length		m	3.0	3.0		
	Maximum Pipe length		m	50.0	75.0		
	Maximum Height difference		m	30.0	30.0		
	Charge less length		m	30.0	30.0		
Flare connection	Main pipe	Gas/Liquid	mm	15.9/9.5	15.9/9.5		
	Branch pipe	Gas/Liquid	mm	12.7/6.4	12.7/6.4		
Sound pressure level	Cooling/Heating			dB A	46/48	49/50	
Sound power level	Cooling/Heating			dB A	63/65	66/67	
Operating range	Cooling			°C	-15 to 52	-15 to 52	
	Heating			°C	-27 to 15	-27 to 15	

16. Preliminary Specifications Smart 4-Way Cassette Twin System (subject to change)

Model name	Indoor unit				RAV-GM561UT-E	RAV-GM801UT-E	
					RAV-GM561UT-E	RAV-GM801UT-E	
	Outdoor unit				RAV-GP1101AT-E	RAV-GP1401AT-E	
Cooling capacity					kW	10.0 (3.1-12.0)	12.5 (3.1-14.0)
Heating capacity					kW	11.2 (2.6-13.0)	14.0 (2.6-16.5)
Power supply					Phase-Hz-V	1-50-230(220-240)	1-50-230(220-240)
Electrical characteristics	Cooling	Running current	220V-240V	A	9.09 - 8.33	13.92 - 12.76	
		Power input	Rated(Min.-Max.)	kW	1.90(0.56-2.80)	2.91(0.56-3.40)	
		EER			5.26	4.30	
	Heating	Running current	220V-240V	A	10.43 - 9.56	14.55 - 13.33	
		Power input	Rated(Min.-Max.)	kW	2.18(0.41-2.98)	3.04(0.41-4.18)	
		COP			5.14	4.61	
	Maximum current				A	20.5	20.5
Indoor unit							
Model name						RAV-GM561UT-E	RAV-GM801UT-E
Appearance	Main unit				Zinc hot dipping steel plate		
	Ceiling panel (Sold Separately)	Model name			RBC-U41PG(W)-E	RBC-U41PG(W)-E	
Dimension			Color	Gran White (Mansell 5PB9/1)			
	Main unit	Height	mm	256	319		
		Width	mm	840	840		
		Depth	mm	840	840		
	Panel	Height	mm	30	30		
		Width	mm	950	950		
Depth		mm	950	950			
Weight	Main unit			kg	20	25	
	Panel			kg	5	5	
Heat exchanger						Finned tube	Finned tube
Fan unit	Fan				turbo fan	turbo fan	
	Air flow		H/M/L	m ³ /h	1050/900/750	1920/1290/810	
	Motor output			W	60	130	
Sound pressure level			H/M/L	dB-A	32/29/26	42/35/27	
Sound power level			H/M/L	dB A	48/45/43	56/49/43	
Branch-kit	(Sold separately)				RBC-TWP30E2	RBC-TWP50E2	
Outdoor unit							
Model name						RAV-GP1101AT-E	RAV-GP1401AT-E
Dimension			Height	mm	1550	1550	
			Width	mm	1010	1010	
			Depth	mm	370	370	
Weight				kg	104	104	
Compressor type						DC Twin Rotary	DC Twin Rotary
Fan motor output				W	100+100	100+100	
Air flow				m ³ /h	6960	6960	
Refrigerant Quantity in Outdoor unit				kg	3.1	3.1	
Additional refrigerant charge				g/m	35	35	
Pipe connections	Pipe length	At rated performance		m	7.5	7.5	
	Minimum Pipe length			m	3.0	3.0	
	Maximum Pipe length			m	75.0	75.0	
	Maximum Height difference			m	30.0	30.0	
	Charge less length			m	30.0	30.0	
Flare connection	Main pipe	Gas/Liquid		mm	15.9/9.5	15.9/9.5	
	Branch pipe	Gas/Liquid		mm	12.7/6.4	15.9/9.5	
Sound pressure level	Cooling/Heating			dB A	49/50	50/51	
Sound power level	Cooling/Heating			dB A	66/67	67/68	
Operating range	Cooling			°C	-15 to 52	-15 to 52	
	Heating			°C	-27 to 15	-27 to 15	

17. Preliminary Specifications 4-Way Cassette Twin System (subject to change)

Model name	Indoor unit				RAV-RM561UTP-E	RAV-RM801UTP-E
					RAV-RM561UTP-E	RAV-RM801UTP-E
	Outdoor unit				RAV-GP1101AT-E	RAV-GP1401AT-E
Cooling capacity				kW	10.0 (3.1-12.0)	12.5 (3.1-14.0)
Heating capacity				kW	11.2 (2.6-13.0)	14.0 (2.6-16.5)
Power supply				Phase-Hz-V	1-50-230(220-240)	1-50-230(220-240)
Electrical characteristics	Cooling	Running current	220V-240V	A	10.19 - 9.34	15.12 - 13.86
		Power input	Rated(Min.-Max.)	kW	2.13(0.53-3.05)	3.16(0.53-3.55)
		EER			4.69	3.96
	Heating	Running current	220V-240V	A	11.20 - 10.26	15.36 - 14.08
		Power input	Rated(Min.-Max.)	kW	2.34(0.40-3.08)	3.21(0.40-4.38)
		COP			4.79	4.36
	Maximum current			A	21.0	20.7
Indoor unit						
Model name					RAV-RM561UTP-E	RAV-RM801UTP-E
Appearance	Main unit				Zinc hot dipping steel plate	
	Ceiling panel (Sold Separately)	Model name			RBC-U31PG(W, WS)-E, RBC-31PGS(W, WS)-E	
		Color			W: Moon-white(2.5GY 9.0/0.5), WS: Strioe-white(2.5GY 9.0/0.5, Gray(8B 3/0.3))	
Dimension	Main unit	Height	mm	256	256	
		Width	mm	840	840	
		Depth	mm	840	840	
	Panel	Height	mm	30	30	
		Width	mm	950	950	
		Depth	mm	950	950	
Weight	Main unit		kg	20	20	
	Panel		kg	4.2	4.2	
Heat exchanger					Finned tube	Finned tube
Fan unit	Fan				turbo fan	turbo fan
	Air flow		H/M/L	m ³ /h	1050/870/780	1230/960/810
	Motor output				14	20
Sound pressure level			H/M/L	dB A	32/29/28	35/31/28
Sound power level			H/M/L	dB A	47/44/43	50/46/43
Branch-kit	(Sold separately)				RBC-TWP30E2	RBC-TWP50E2
Outdoor unit						
Model name					RAV-GP1101AT-E	RAV-GP1401AT-E
Dimension	Height		mm	1550	1550	
	Width		mm	1010	1010	
	Depth		mm	370	370	
Weight			kg	104	104	
Compressor type					DC Twin Rotary	DC Twin Rotary
Fan motor output				W	100+100	100+100
Air flow				m ³ /h	6960	6960
Refrigerant Quantity in Outdoor unit				kg	3.1	3.1
Additional refrigerant charge				g/m	35	35
Pipe connections	Pipe length	At rated performance		m	7.5	7.5
	Minimum Pipe length			m	3.0	3.0
	Maximum Pipe length			m	75.0	75.0
	Maximum Height difference			m	30.0	30.0
	Charge less length			m	30.0	30.0
Flare connection	Main pipe	Gas/Liquid	mm	15.9/9.5	15.9/9.5	
	Branch pipe	Gas/Liquid	mm	12.7/6.4	15.9/9.5	
Sound pressure level	Cooling/Heating			dB A	49/50	50/51
Sound power level	Cooling/Heating			dB A	66/67	67/68
Operating range	Cooling			°C	-15 to 52	-15 to 52
	Heating			°C	-27 to 15	-27 to 15

18. Preliminary Specifications Ceiling Twin System (subject to change)

Model name	Indoor unit				RAV-RM401CTP-E	RAV-RM561CTP-E	RAV-RM801CTP-E	
					RAV-RM401CTP-E	RAV-RM561CTP-E	RAV-RM801CTP-E	
	Outdoor unit				RAV-GP801AT-E	RAV-GP1101AT-E	RAV-GP1401AT-E	
Cooling capacity					kW	7.1 (1.9-8.0)	10.0 (3.1-12.0)	12.5 (3.1-14.0)
Heating capacity					kW	8.0 (1.3-11.3)	11.2 (2.6-13.0)	14.0 (2.6-16.5)
Power supply					Phase-Hz-V	1-50-230(220-240)	1-50-230(220-240)	1-50-230(220-240)
Electrical characteristics	Cooling	Running current	220V-240V	A	7.82 - 7.17	10.67 - 9.78	17.13 - 15.70	
		Power input	Rated(Min.-Max.)	kW	1.60(0.26-3.17)	2.23(0.55-3.45)	3.58(0.55-3.97)	
		EER			4.44	4.48	3.49	
	Heating	Running current	220V-240V	A	8.70 - 7.98	11.39 - 10.44	17.18 - 15.75	
		Power Input	Rated(Min.-Max.)	kW	1.80(0.20-3.55)	2.38(0.41-3.09)	3.59(0.41-4.40)	
		COP			4.44	4.71	3.90	
	Maximum current			A	20.6	21.1	22.3	
Indoor unit								
Model name					RAV-RM401CTP-E	RAV-RM561CTP-E	RAV-RM801CTP-E	
Appearance	Main unit				Pure White (N9.1)	Pure White (N9.1)	Pure White (N9.1)	
Dimension	Height		mm	235	235	235		
	Width		mm	950	950	1270		
	Depth		mm	690	690	690		
Weight				kg	23	23	29	
Heat exchanger					Finned tube	Finned tube	Finned tube	
Fan unit	Fan				Centrifugal fan	Centrifugal fan	Centrifugal fan	
	Standard air flow		H/M/L	m³/h	900/720/540	900/720/540	1410/1000/750	
	Motor output			W	94	94	94	
Sound pressure level			H/M/L	dB A	37/35/28	37/35/28	41/36/29	
Sound power level			H/M/L	dB A	52/50/43	52/50/43	56/51/44	
Branch-kit	(Sold separately)				RBC-TWP30E2	RBC-TWP30E2	RBC-TWP50E2	
Outdoor unit								
Model name					RAV-GP801AT-E	RAV-GP1101AT-E	RAV-GP1401AT-E	
Dimension	Height		mm	1050	1550	1550		
	Width		mm	1010	1010	1010		
	Depth		mm	370	370	370		
Weight				kg	74	104	104	
Compressor type					DC Twin Rotary	DC Twin Rotary	DC Twin Rotary	
Fan motor output				W	60	100+100	100+100	
Air flow				m³/h	3180	6960	6960	
Refrigerant Quantity in Outdoor unit				kg	1.9	3.1	3.1	
Additional refrigerant charge				g/m	35	35	35	
Pipe connections	Pipe length	At rated performance		m	7.5	7.5	7.5	
	Minimum Pipe length			m	3.0	3.0	3.0	
	Maximum Pipe length			m	50.0	75.0	75.0	
	Maximum Height difference			m	30.0	30.0	30.0	
	Charge less length			m	30.0	30.0	30.0	
Flare connection	Main pipe	Gas/Liquid		mm	15.9/9.5	15.9/9.5	15.9/9.5	
	Branch pipe	Gas/Liquid		mm	12.7/6.4	12.7/6.4	15.9/9.5	
Sound pressure level	Cooling/Heating				dB A	46/48	49/50	50/51
Sound power level	Cooling/Heating				dB A	63/65	66/67	67/68
Operating range	Cooling				°C	-15 to 52	-15 to 52	-15 to 52
	Heating				°C	-27 to 15	-27 to 15	-27 to 15

19. Preliminary Specifications Slim Ducted Twin System (subject to change)

Model name	Indoor unit				RAV-RM401SDT-E	RAV-RM561SDT-E	
					RAV-RM401SDT-E	RAV-RM561SDT-E	
	Outdoor unit				RAV-GP801AT-E	RAV-GP1101AT-E	
Cooling capacity					kW	7.1 (1.9-8.0)	10.0 (3.1-12.0)
Heating capacity					kW	8.0 (1.3-11.3)	11.2 (2.6-13.0)
Power supply					Phase-Hz-V	1-50-230(220-240)	1-50-230(220-240)
Electrical characteristics	Cooling	Running current	220V-240V	A	9.14 - 8.38	12.25 - 11.23	
		Power input	Rated(Min.-Max.)	kW	1.87(0.26-3.44)	2.56(0.65-3.51)	
		EER			3.80	3.91	
	Heating	Running current	220V-240V	A	8.80 - 8.07	12.78 - 11.71	
		Power input	Rated(Min.-Max.)	kW	1.82(0.20-3.52)	2.67(0.42-3.20)	
		COP			4.40	4.19	
	Maximum current			A	20.8	20.6	
Indoor unit							
Model name						RAV-RM401SDT-E	RAV-RM561SDT-E
Appearance	Main unit					Zinc hot dipping steel plate	
Dimension	Height			mm	210	210	
	Width			mm	845	845	
	Depth			mm	645	645	
Weight				kg	22	22	
Heat exchanger						Finned tube	Finned tube
Fan unit	Fan					Centrifugal	Centrifugal
	Standard air flow		H/M/L	m ³ /h	690/600/522	780/678/582	
	Motor output			W	60	60	
	External static pressure		Factory setting	Pa	4	4	
	External static pressure range		Upper-Lower	Pa	24-0	24-0	
Sound pressure level			H/M/L	dB A	39/36/33	45/40/36	
Sound power level			H/M/L	dB A	52/48/44	55/53/48	
Branch-kit	(Sold separately)					RBC-TWP30E2	RBC-TWP30E2
Outdoor unit							
Model name						RAV-GP801AT-E	RAV-GP1101AT-E
Dimension	Height			mm	1050	1550	
	Width			mm	1010	1010	
	Depth			mm	370	370	
Weight				kg	74	104	
Compressor type						DC Twin Rotary	DC Twin Rotary
Fan motor output				W	60	100+100	
Air flow				m ³ /h	3180	6960	
Refrigerant Quantity in Outdoor unit				kg	1.9	3.1	
Additional refrigerant charge				g/m	35	35	
Pipe connections	Pipe length	At rated performance			m	7.5	7.5
	Minimum Pipe length				m	3.0	3.0
	Maximum Pipe length				m	50.0	75.0
	Maximum Height difference				m	30.0	30.0
	Charge less length				m	30.0	30.0
Flare connection	Main pipe	Gas/Liquid	mm	15.9/9.5	15.9/9.5		
	Branch pipe	Gas/Liquid	mm	12.7/6.4	12.7/6.4		
Sound pressure level	Cooling/Heating				dB A	46/48	49/50
Sound power level	Cooling/Heating				dB A	63/65	66/67
Operating range	Cooling				°C	-15 to 52	-15 to 52
	Heating				°C	-27 to 15	-27 to 15

20. Preliminary Specifications Ducted Twin System (subject to change)

Model name	Indoor unit				RAV-RM561BTP-E	RAV-RM801BTP-E
					RAV-RM561BTP-E	RAV-RM801BTP-E
	Outdoor unit				RAV-GP1101AT-E	RAV-GP1401AT-E
Cooling capacity				kW	10.0 (3.1-12.0)	12.5 (3.1-14.0)
Heating capacity				kW	11.2 (2.6-13.0)	14.0 (2.6-16.5)
Power supply				Phase-Hz-V	1-50-230(220-240)	1-50-230(220-240)
Electrical characteristics	Cooling	Running current	220V-240V	A	11.48 - 10.53	17.08 - 15.66
		Power input	Rated(Min.-Max.)	kW	2.40(0.65-3.63)	3.57(0.65-3.97)
		EER			4.17	3.50
	Heating	Running current	220V-240V	A	13.06 - 11.97	17.37 - 15.92
		Power input	Rated(Min.-Max.)	kW	2.73(0.47-3.38)	3.63(0.47-4.43)
		COP			4.10	3.86
	Maximum current			A	22.8	22.8
Indoor unit						
Model name					RAV-RM561BTP-E	RAV-RM801BTP-E
Appearance	Main unit			Zinc hot dipping steel plate		
Dimension	Height		mm	275	275	
	Width		mm	700	1000	
	Depth		mm	750	750	
Weight			kg	23	30	
Heat exchanger					Finned tube	Finned tube
Fan unit	Fan			Centrifugal fan	Centrifugal fan	
	Standard air flow		H/M/L	m ³ /h	800/660/540	1200/990/870
	Motor output			150	150	
	External static pressure		Factory setting	Pa	30	30
	External static pressure range		Upper-Lower	Pa	120-30	120-30
Sound pressure level		H/M/L	dB-A	33/29/25	34/30/26	
Sound power level		H/M/L	dB-A	55/51/46	55/51/46	
Branch-kit	(Sold separately)				RBC-TWP30E2	RBC-TWP50E2
Outdoor unit						
Model name					RAV-GP1101AT-E	RAV-GP1401AT-E
Dimension	Height		mm	1550	1550	
	Width		mm	1010	1010	
	Depth		mm	370	370	
Weight			kg	104	104	
Compressor type					DC Twin Rotary	DC Twin Rotary
Fan motor output			W	100+100	100+100	
Air flow			m ³ /h	6960	6960	
Refrigerant Quantity in Outdoor unit			kg	3.1	3.1	
Additional refrigerant charge			g/m	35	35	
Pipe connections	Pipe length	At rated performance		m	7.5	7.5
	Minimum Pipe length		m	3.0	3.0	
	Maximum Pipe length		m	75.0	75.0	
	Maximum Height difference		m	30.0	30.0	
	Charge less length		m	30.0	30.0	
Flare connection	Main pipe	Gas/Liquid	mm	15.9/9.5	15.9/9.5	
	Branch pipe	Gas/Liquid	mm	12.7/6.4	15.9/9.5	
Sound pressure level	Cooling/Heating			dB-A	49/50	50/51
Sound power level	Cooling/Heating			dB-A	66/67	67/68
Operating range	Cooling			°C	-15 to 52	-15 to 52
	Heating			°C	-27 to 15	-27 to 15