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.





Standard duct





Compact 4-way cassette* Slim duct*

*Compact 4-way cassette & Slim duct
are TCC production



Celling

High wall**
**Information of HW will be released on Jun'18



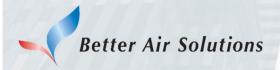
1. Line Up

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

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).

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





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

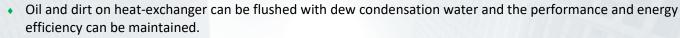
4. Production Date

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.

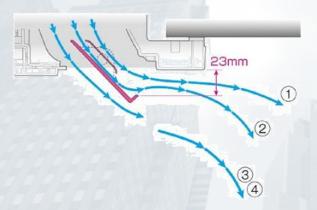
5. New Smart 4-Way Cassette

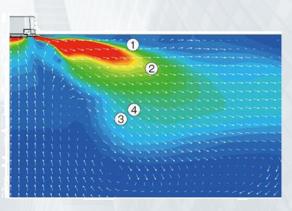
- New panel:
 - · Simple and elegant design
 - Straight-line design without meaningless curves





- 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

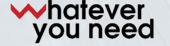




Note: The Smart 4-Way Cassette can only be connected to R32 SDI

*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

		4-	Cas	Smar sette	t	4-1	Way (tte		Com Cass	ette		S		ucted	d			cted		U		ceiling	į
			seri	es 1			seri	es 1			serie	es 1			serie	es 1			seri	ies 1			seri	es 1	
Accessory Parts List		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
	RBC-AMS51E-EN,ES		C	K			C	K			0	K			0	K				OK			C	OK	Г
	RBC-AMS55E-EN, ES		C	K			С	K			0	K			0	K			C)K			C)K	Ī
Wired Remote Controller	RBC-AMS41E		C	K			С	K			0	K			0	K			C)K			C)K	Ī
	RBC-AMT32E		C	K			С	K			0	K			0	K			C)K			C)K	Ī
	RBC-AS41E		C	K			С	K			0	K			0	K			C	OK .			C)K	Ī
	RBC-AX41U(W)-E		C	K																					
	RBC-AX32UM(W)-E										0	K													Т
Wireless Remote Controller	TCB-AX32E2		C	K			С	K			0	K			0	K			C	OK			C	OK	Г
	RBC-AX32U(W)-E						С	K																	Ī
	RBC-AX33CE																						C	OK	П
Schedule Timer	TCB-EXS21TLE		C	K			С	K			0	K			0	K			C	OK			C)K	Г
TCC-Link adaptor	TCB-PCNT30TLE2		C	K			С	K			0	K			0	K			C	OK .			C)K	Г
	RBC-U41PG(W)-E		C	K																					Ī
Ceiling Panel	RBC-UM21PG(W)-E										0	K													
	RBC-U31PGP(W)-E						С	K																	
0	TCB-SIR41UM-E										0	K													
Occupancy Sensor	TCB-SIR41U-E		C	K																			/		
Fresh air filter chamber	TCB-GFC1603UE		C	K																					
riesh dir ililer chamber	TCB-GFC1602UE						С	K																	
Spacer for height adjustment	TCB-SP1603UE		C	K																					
spacer for neight adjustment	TCB-SP1602UE						С	K																	
Air discharge direction kit	TCB-BC1603UE		C	K																					Ī
All discharge direction Kit	TCB-BC1602UE						С	K																	ſ
Auxiliary fresh air flange	TCB-FF101URE2		C	K			С	K			0	K			0	K									
Optional connecting kit	TCB-PCUC1E																						C)K	
4 7 7 8 8 8	TCB-SF56C6BPE																	ОК							
Spigot shaped flange	TCB-SF80C6BPE																		OK						
	TCB-SF160C6BPE																			C)K				ı

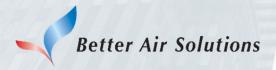
For further information please contact our customer support team on 0870 843 0333, your local representative, your supplier of **TOSHIBA** products or email any enquiries to: - general.enquiries@toshiba-ac.com





9. <u>Preliminary Specifications Compact Cassette (subject to change)</u>

Model name	Indoor unit			RAV-RM561MUT-E	
	Outdoor un	it	RAV-GP561ATP-E		
Cooling capacity		HLAI-		kW	5.0 <1.2-5.6>
Heating capacity			JE 10	kW	5.6 < 0.9-7.0 >
Power supply		HERE WAS DOING	NEW COL	Phase-Hz-V	1-50-230 (220-240)
		Running current	220V-240V	A	7.49 - 6.87
	Cooling	Power input	Rated(Min Max.)	kW	1.56 (0.19-1.97)
=		EER	•		3.21
Electrical characteristics		Running current	220V-240V	А	7.68-7.04
	Heating	Power input	Rated(Min Max.)	kW	1.60(0.16-2.36)
		COP			3.50
	Maximum cı	rrent		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 pane	1	Model name		RBC-UM21PG(W)-E
HHILLER	(Sold Separa		Color		Gran White (Mansell 5PB9/1)
			Height	mm	256
	Main unit		Width	mm	575
Dimension			Depth	mm	575
			Height	mm	12
	Panel		Width	mm	620
			Depth	mm	620
Weight	Main unit			kg	15
wegnt	Panel			kg	2.5
Heat exchanger			10/1/		Finned tube
	Fan		4 / 1 / 1		turbo fan
Fan unit	Air flow	Liv A	H/M+/M/L+/L	m ³ /h	798/720/672/562/546
403/01/17	Motor output		//////	W	60
Sound pressure level	Cooling/Hea	ting	H/M+/M/L+/L	dB-A	44/42/39/36/35
Sound power level	Cooling/Hea	ting	H/M+/M/L+/L	dB·A	59/57/54/51/50
Outdoor unit		/ / / / N			
Model name					RAV-GP561ATP-E
1000	- A - A - A - A - A - A - A - A - A - A		Height	mm	630
Dimension			Width	mm	799
			Depth	mm	299
Weight		YEAR ASSESSED.		kg	45
Compressor type				P.All	DC Twin Rotary
Fan motor output				W	43
Air flow				m ³ /h	2250
Refrigerant Quantity	in Outdoor u	nit		kg	1.35
Additional refrigerar	nt charge			g/m	20
	Pipe length	At rated perform	mance	m	7.5
	Minimum Pip	oe length		m	3.0
Pipe connections	Maximum Pi	pe length		m	50.0
	Maximum H	eight difference		m	30.0
	Charge less	length		m	20.0
Flare connection	Main pipe		Gas/Liquid	mm	12.7/6.4
. Idio connection	Branch pipe		Gas/Liquid	mm	-
Sound pressure level	Cooling/Hea	ting	4 - 140	dB-A	46/48
Sound power level	Cooling/Hea	ting	1177	dB·A	63/65
Operating range	Cooling	-6-300		°C	-15 to 52
				°C	-27 to 15





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

Madel serve	Indoor unit				RAV-GM561UT-E	RAV-GM801UT-E	RAV-GM1101UT-E	RAV-GM1401UT-E
Model name	Outdoor unit				RAV-GP561ATP-E	RAV-GP801AT-E	RAV-GP1101AT-E	RAV-GP1401AT-E
Cooling capacity	i Final Ear		No.	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	121-4631	L-Con	H Bar P	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	SE HEIGH		W 19	Phase-Hz-V	1-50-230(220-240)	1-50-230(220-240)	1-50-230(220-240)	1-50-230(220-240)
		Running	220V-240V	A	7.36 - 6.75	6.70 - 6.14	9.09 - 8.33	13.92 - 12.76
	Cooling	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
Electrical characteristics		Running	220V-240V	A	7.66 - 7.03	7.01 - 6.43	10.43 - 9.56	14.55 - 13.33
	Heating	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 cur	rent		A	13.1	20.3	20.5	20.5
Indoor unit				-				
Model name					RAV-GM561UT-E	RAV-GM801UT-E	RAV-GM1101UT-E	RAV-GM1401UT-
	Main unit					Zinc hot dipp	ing steel plate	
Appearance	Ceiling panel		Model name		RBC-U41PG(W)-E		RBC-U41PG(W)-E	RBC-U41PG(W)-E
THEFT	(Sold Separat	tely)	Color			Gran White (M	lansell 5PB9/1)	
			Height	mm	256	319	319	319
	Main unit		Width	mm	840	840	840	840
			Depth	mm	840	840	840	840
Dimension			Height	mm	30	30	30	30
	Panel		Width	mm	950	950	950	950
	250000		Depth	mm	950	950	950	950
	Main unit			kg	20	25	25	25
Weight	Panel			kg	5	5	5	5
Heat exchanger					Finned tube	Finned tube	Finned tube	Finned tube
	Fan	11110			turbo fan	turbo fan	turbo fan	turbo fan
Fan unit	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 lev			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			1		10/10/10			21.00.10
Model name			7777		RAV-GP561ATP-E	RAV-GP801AT-E	RAV-GP1101AT-E	RAV-GP1401AT-E
		AUX	Height	mm	630	1050	1550	1550
Dimension			Width	mm	799	1010	1010	1010
			Depth	mm	299	370	370	370
Weight			-	kg	45	74	104	104
Compressor type				1.3	DC Twin Rotary	DC Twin Rotary	DC Twin Rotary	DC Twin Rotary
Fan motor output		AB		W	43	60	100+100	100+100
Air flow				m ³ /h	2250	3180	6960	6960
Refrigerant Quantity	in Outdoor un	nit		kg	1.35	1.9	3.1	3.1
Additional refrigerar				g/m	20	35	35	35
-	Pipe length	At rated perfor	mance	m	7.5	7.5	7.5	7.5
	Minimum Pipe			m	3.0	3.0	3.0	3.0
Pipe connections	Maximum Pip	e length		m	50.0	50.0	75.0	75.0
		ight difference	7 7 7	m	30.0	30.0	30.0	30.0
	Charge less le			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
Flare connection	Branch pipe		Gas/Liquid	mm		12.7/6.4	12.7/6.4	15.9/9.5
Sound pressure level	Cooling/Heati	ing	1	dB-A	46/48	46/48	49/50	50/51
Sound power level	Cooling/Heati	ina		dB·A	63/65	63/65	66/67	67/68
	-			"C	-15 to 52	-15 to 52	-15 to 52	-15 to 52
Operating range	Cooling							





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

BA	Indoor unit				RAV-RM561UTP-E	RAV-RM801UTP-E	RAV-RM1101UTP-E	RAV-RM1401UTP-E
Model name	Outdoor un	it			RAV-GP561ATP-E	RAV-GP801AT-E	RAV-GP1101AT-E	RAV-GP1401AT-E
Cooling capacity	W- 11-11-		No.	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	Med III		111111111111111111111111111111111111111	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	bill I BIT			Phase-Hz-V	1-50-230(220-240)	1-50-230(220-240)	1-50-230(220-240)	1-50-230(220-240)
т опоговрру		Running	220V-240V	A	6.04 - 5.54	7.72 - 7.08	10.19 - 9.34	15.12 - 13.86
	Cooling	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	IVIAA.)	111111111111111111111111111111111111111	4.1	4.49	4.69	3.96
Electrical	-	Running	Total Control					
characteristics	Heating	current	220V-240V	A	6.33 - 5.80	8.56 - 7.85	11.20 - 10.26	15.36 - 14.08
	neating	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 cu	irrent		A	13.1	20.3	20.5	20.5
Indoor unit					I	I = = = = = = = = = = = = = = = = =		I = =
Model name					RAV-RM561UTP-E		RAV-RM1101UTP-E	RAV-RM1401UTP-E
	Main unit						pping steel plate	
Appearance	Ceiling pane		Model name			, , ,	-E, RBC-31PGS(W,WS)-E
	(Sold Separately) Color Height		Color				e(2.5GY 9.0/0.5), sY/9.0/0.5, Gray(8B 3/0.	3))
			Height	mm	256	256	319	319
	Main unit		Width	mm	840	840	840	840
			Depth	mm	840	840	840	840
Dimension			Height	mm	30	30	30	30
	Panel		Width	mm	950	950	950	950
	1		Depth	mm	950	950	950	950
	Main unit		Борит	kg	20	20	24	24
Weight	Panel				4.2	4.2	4.2	4.2
Heat auchanger	Fallel			kg	Finned tube	Finned tube	Finned tube	Finned tube
Heat exchanger	Fan				turbo fan	turbo fan	turbo fan	turbo fan
F:			H/M/L	m ³ /h				
Fan unit	Air flow		I I I I I I I I I I I I I I I I I I I	m-/n	1050/870/780 14	1230/960/810 20	2010/1440/1170 68	2010/1440/1170 72
0	Motor output		11044	15.4	32/29/28	35/31/28		
Sound pressure le			H/M/L	dB-A			43/38/33	44/38/34
Sound power leve	1		H/M/L	dB⋅A	47/44/43	50/46/43	56/53/48	59/53/49
Outdoor unit								
Model name			1		RAV-GP561ATP-E	RAV-GP801AT-E	RAV-GP1101AT-E	RAV-GP1401AT-E
			Height	mm	630	1050	1550	1550
Dimension			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		A.		W	43	60	100+100	100+100
Air flow		All		m ³ /h	2250	3180	6960	6960
Refrigerant Quant	•	nit		kg	1.35	1.9	3.1	3.1
Additional refriger	ant charge			g/m	20	35	35	35
	Pipe length	At rated perfor	mance	m	7.5	7.5	7.5	7.5
	Minimum Pip	be length		m	3.0	3.0	3.0	3.0
Pipe connections	Maximum Pi	pe length		m	50.0	50.0	75.0	75.0
	Maximum He	eight difference		m	30.0	30.0	30.0	30.0
	Charge less	length		m	20.0	30.0	30.0	30.0
Elem connection	Main pipe		Gas/Liquid	mm	12.7/6.4	15.9/9.5	15.9/9.5	15.9/9.5
Flare connection	Branch pipe		Gas/Liquid	mm	- 1	12.7/6.4	12.7/6.4	15.9/9.5
Sound pressure level	Cooling/Hea	ting	- 1111	dB·A	46/48	46/48	49/50	50/51
Sound power leve	l Cooling/Hea	tina		dB·A	63/65	63/65	66/67	67/68
	Cooling			°C	-15 to 52	-15 to 52	-15 to 52	-15 to 52
Operating range	_			°C	-27 to 15	-27 to 15	-27 to 15	-27 to 15
	Heating			C	-27 (0 15	-27 (0 13	-27 10 15	-27 (0 15





12. Preliminary Specifications Ceiling (subject to change)

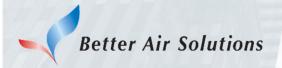
Madelager	Indoor unit				RAV-RM561CTP-E	RAV-RM801CTP-E	RAV-RM1101CTP-E	RAV-RM1401CTP-E
Model name	Outdoor uni	t			RAV-GP561ATP-E	RAV-GP801AT-E	RAV-GP1101AT-E	RAV-GP1401AT-E
Cooling capacity	0 1 5 - H TO	10 th 40	ILou.	kW	5.0 <1.2-5.6>	7.1 (1.9-8.0)	10.0 (3.1-12.0)	12.5 (3.1-14.0)
Heating capacity	B23-483	li Leffen	III Barrier	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	BU WELL		- 100 ES	Phase-Hz-V	1-50-230(220-240)	1-50-230(220-240)	1-50-230(220-240)	1-50-230(220-240)
		Running						
	O II	current	220V-240V	A	6.70 - 6.14	7.82 - 7.17	10.67 - 9.78	17.13 - 15.70
	Cooling	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)
Electrical		EER			3.65	4.44	4.48	3.49
characteristics		Running current	220V-240V	A	6.71 - 6.15	8.70 - 7.98	11.39 - 10.44	17.18 - 15.75
	Heating	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 cu	rrent		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)
			Height	mm	235	235	235	235
Dimension			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				Centrifugal fan	Centrifugal fan	Centrifugal fan	Centrifugal fan
Fan unit	Standard air	flow	H/M/L	m ³ /h	900/720/540	1410/1000/750	1860/1350/1020	2040/1530/1200
	Motor output			W	94	94	139	139
Sound pressure lev	el		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	MUNICIPALITY							
Model name					RAV-GP561ATP-E	RAV-GP801AT-E	RAV-GP1101AT-E	RAV-GP1401AT-E
Annu Frank		Mark Table	Height	mm	630	1050	1550	1550
Dimension			Width	mm	799	1010	1010	1010
			Depth	mm	299	370	370	370
Weight	1000000	Latin by	/////	kg	45	74	104	104
Compressor type	7/11/11/11		/ / / /	/	DC Twin Rotary	DC Twin Rotary	DC Twin Rotary	DC Twin Rotary
Fan motor output	14.114.14	all sold	///////	W	43	60	100+100	100+100
Air flow				m ³ /h	2250	3180	6960	6960
Refrigerant Quantity	y in Outdoor u	nit		kg	1.35	1.9	3.1	3.1
Additional refrigerar	nt charge		V V I I I I	g/m	20	35	35	35
	Pipe length	At rated perfor	mance	m	7.5	7.5	7.5	7.5
	Minimum Pip	e length		m	3.0	3.0	3.0	3.0
Pipe connections	Maximum Pi	pe length		m	50.0	50.0	75.0	75.0
	Maximum He	eight 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
riale connection	Branch pipe		Gas/Liquid	mm	-	12.7/6.4	12.7/6.4	15.9/9.5
Sound pressure level	Cooling/Heat	ting	3351	dB·A	46/48	46/48	49/50	50/51
Sound power level	Cooling/Heat	ting		dB·A	63/65	63/65	66/67	67/68
	Cooling			°C	-15 to 52	-15 to 52	-15 to 52	-15 to 52
Operating range	Heating			°C	-27 to 15	-27 to 15	-27 to 15	-27 to 15





13. Preliminary Specifications Slim Ducted (subject to change)

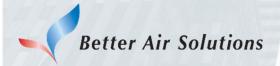
Model name	Indoor unit				RAV-RM561SDT-E
would name	Outdoor un	it			RAV-GP561ATP-E
Cooling capacity	##fisall#	55 A	Man .	kW	5.0 < 1.2 - 5.6 >
Heating capacity				kW	5.6 < 0.9 - 7.0 >
Power supply			12 EN	Phase-Hz-V	1-50-230(220-240
		Running current	220V-240V	А	7.57 - 6.94
	Cooling	Power input	Rated(Min Max.)	kW	1.56(0.19-1.98)
Electrical		EER			3.21
characteristics	-	Running current	220V-240V	Α	7.81 - 7.15
	Heating	Power input	Rated(Min Max.)	kW	1.58(0.16-2.66)
		COP			3.54
	Maximum ci	urrent		A	13.1
Indoor unit					
Model name					RAV-RM561SDT-
			Height	mm	210
Dimension			Width	mm	845
1-1-1-1-1-1-1			Depth	mm	645
Weight				kg	22
Heat exchanger	THE PARTY OF				Finned tube
	Fan				Centrifugal
Fan unit	Standard air	flow	H/M/L	m ³ /h	780/678/582
	Motor outpu	t		W	60
	External sta	tic pressure	Factory setting	Pa	4
	External sta	tic pressure range	Upper-Lower	Pa	24-0
Sound pressure lev	el		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-
			Height	mm	630
Dimension			Width	mm	799
			Depth	mm	299
Weight				kg	45
Compressor type					DC Twin Rotary
Fan motor output				W	43
Air flow	1.0		1/1/1/A	m ³ /h	2250
Refrigerant Quantity		ınıt		kg	1.35
Additional refrigerar	1	In a second		g/m	20
	Pipe length	At rated perform	nance	m	7.5
Diagram of	Minimum Pi			m	3.0
Pipe connections	Maximum P	1		m	50.0
		eight difference		m	30.0
	Charge less	length	Cardina	m	20.0
Flare connection	Main pipe		Gas/Liquid	mm	12.7/6.4
Carradan	Branch pipe		Gas/Liquid	mm	-
Sound pressure level	Cooling/Hea	7 2 2 2	70 /	dB·A	46/48
Sound power level	Cooling/Hea	ating		dB-A	63/65
Operating range	Cooling	11 4 4 4		°C	-15 to 52
	Heating			°C	-27 to 15





14. Preliminary Specifications Ducted (subject to change)

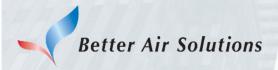
Madel agent	Indoor unit				RAV-RM561BTP-E	RAV-RM801BTP-E	RAV-RM1101BTP-E	RAV-RM1401BTP-E
Model name	Outdoor un	it			RAV-GP561ATP-E	RAV-GP801AT-E	RAV-GP1101AT-E	RAV-GP1401AT-E
Cooling capacity	BERLIE ILE	min ar	No.	kW	5.0 < 1.2 - 5.6 >	7.1 (1.9-8.0)	10.0 (3.1-12.0)	12.5 (3.1-14.0)
Heating capacity	B23-480		III Barrie	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	BUILDER		W 151	Phase-Hz-V	1-50-230(220-240)	1-50-230(220-240)	1-50-230(220-240)	1-50-230(220-240)
		Running current	220V-240V	А	7.36 - 6.75	7.97 - 7.30	11.48 - 10.53	17.08 - 15.66
	Cooling	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
Electrical characteristics		Running current	220V-240V	A	7.66 - 7.03	8.95 - 8.20	13.06 - 11.97	17.37 - 15.92
	Heating	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 cı	ırrent		A	13.1	20.7	22.8	22.8
Indoor unit								
Model name					RAV-RM561BTP-E	RAV-RM801BTP-E	RAV-RM1101BTP-E	RAV-RM1401BTP-E
Appearance	Main unit						oping steel plate	
			Height	mm	275	275	275	275
Dimension			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				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
Fan unit	Motor output	t			150	150	250	250
	External stat	tic pressure	Factory setting	Pa	30	30	50	50
	External stat	tic pressure range	Upper-Lower	Pa	120-30	120-30	120-30	120-30
Sound pressure lev	el		H/M/L	dB·A	33/29/25	34/30/26	40/36/33	40/36/33
Sound power level		ULIS	H/M/L	dB·A	55/51/46	55/51/46	63/58/54	63/58/54
Outdoor unit								
Model name				7.0	RAV-GP561ATP-E	RAV-GP801AT-E	RAV-GP1101AT-E	RAV-GP1401AT-E
			Height	mm	630	1050	1550	1550
Dimension			Width	mm	799	1010	1010	1010
		LIV A	Depth	mm	299	370	370	370
Weight		A A		kg	45	74	104	104
Compressor type		100	4/1/		DC Twin Rotary	DC Twin Rotary	DC Twin Rotary	DC Twin Rotary
Fan motor output			717776	W	43	60	100+100	100+100
Air flow			// / // /	m ³ /h	2250	3180	6960	6960
Refrigerant Quantity	in Outdoor u	init		kg	1.35	1.9	3.1	3.1
Additional refrigerar	nt charge	- / A		g/m	20	35	35	35
	Pipe length	At rated perform	mance	m	7.5	7.5	7.5	7.5
	Minimum Pip			m	3.0	3.0	3.0	3.0
Pipe connections	Maximum Pi			m	50.0	50.0	75.0	75.0
		eight 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	1 4 4 5 5	Gas/Liquid	mm	12.7/6.4	15.9/9.5	15.9/9.5	15.9/9.5
	Branch pipe	7756	Gas/Liquid	mm	-	12.7/6.4	12.7/6.4	15.9/9.5
Sound pressure level	Cooling/Hea	iting	5511	dB∙A	46/48	46/48	49/50	50/51
Sound power level	Cooling/Hea	ting		dB·A	63/65	63/65	66/67	67/68
Operating range	Cooling		241111/	°C	-15 to 52	-15 to 52	-15 to 52	-15 to 52
Operating range	Heating			°C	-27 to 15	-27 to 15	-27 to 15	-27 to 15





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

	Indoor unit				RAV-RM401MUT-E	RAV-RM561MUT-E
Model name	Outdoor unit				RAV-RM401MUT-E	RAV-RM561MUT-E
	Outdoor unit		1100 00-00-0		RAV-GP801AT-E	RAV-GP1101AT-E
Cooling capacity	85 (1 SE) (40)			kW kW	7.1 (1.9-8.0)	10.0 (3.1-12.0)
Heating capacity	26 JEE 194			Phase-Hz-V	8.0 (1.3-11.3)	11.2 (2.6-13.0)
Power supply		Running		Phase-nz-v	1-50-230(220-240)	1-50-230(220-240)
		current	220V-240V	Α	8.46 - 7.75	11.44 - 10.48
	Cooling	Power input	Rated(Min Max.)	kW	1.73(0.26-3.30)	2.39(0.58-3.45)
Electrical		EER			4.10	4.18
characteristics		Running current	220V-240V	А	8.80 - 8.07	12.78 - 11.71
	Healing	Power input	Rated(Min Max.)	kW	1.82(0.20-3.52)	2.67(0.41-3.14)
		COP			4.40	4.19
	Maximum curre	ent		A	20.8	21.1
Indoor unit	-					
Model name					RAV-RM401MUT-E	RAV-RM561MUT-E
	Main unit					plate * Heat-insulating to only upper plate
Appearance	Ceiling panel		Model name		RBC-UM21PG(W)-E	RBC-UM21PG(W)-
	(Sold Separate	ely)	Color		Gran White (M	lansell 5PB9/1)
The state of the s			Height	mm	256	256
	Main unit		Width	mm	575	575
D1	ension		Depth	mm	575	575
Dimension	nension		Height	mm	12	27
	Panel		Width	mm	620	620
			Depth	mm	620	620
	Main unit			kg	15	15
Weight	Panel			kg	2.5	2.5
Heat exchanger				-	Finned tube	Finned tube
	Fan				turbo fan	turbo fan
Fan unit	Air flow		H/M+/M/L+/L	m ³ /h	660/610/552/480/468	798/720/672/562/54
	Motor output	* V 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		W	60	60
Sound pressure	Cooling/Heatin	g	H/M+/M/L+/L	dB-A	41/38/36/33/32	44/42/39/36/35
Sound power level	Cooling/Heatin	a	H/M+/M/L+/L	dB·A	56/53/51/48/47	59/57/54/51/50
Branch-kit	(Sold separate	_			RBC-TWP30E2	RBC-TWP30E2
Outdoor unit	,	/				
Model name					RAV-GP801AT-E	RAV-GP1101AT-E
			Height	mm	1050	1550
Dimension			Width	mm	1010	1010
			Depth	mm	370	370
Weight		50000		kg	74	104
Compressor type		4 4 4 4			DC Twin Rotary	DC Twin Rotary
Fan motor output				W	60	100+100
Air flow		AAAA	000	m ³ /h	3180	6960
Refrigerant Quantity	in Outdoor unit			kg	1.9	3.1
Additional refrigerar				g/m	35	35
	Pipe length	At rated perfor	rmance	m	7.5	7.5
		,		m	3.0	3.0
	Minimum Pipe			m	50.0	75.0
Pipe connections	Minimum Pipe Maximum Pipe	0				
Pipe connections		length		m	30.0	30.0
Pipe ∞nnections	Maximum Pipe	length tht difference			30.0 30.0	30.0
	Maximum Pipe Maximum Heig Charge less le	length tht difference	Gas/Liquid	m		
	Maximum Pipe Maximum Heig Charge less le Main pipe	length tht difference	Gas/Liquid	m m	30.0	30.0
Flare connection Sound pressure	Maximum Pipe Maximum Heig Charge less le	e length ht difference ngth	Gas/Liquid Gas/Liquid	m m	30.0 15.9/9.5	30.0 15.9/9.5
Flare connection Sound pressure level	Maximum Pipe Maximum Heig Charge less let Main pipe Branch pipe Cooling/Heatin	e length pht difference nigth		m m mm mm	30.0 15.9/9.5 12.7/6.4 46/48	30.0 15.9/9.5 12.7/6.4 49/50
Pipe connections Flare connection Sound pressure level Sound power level	Maximum Pipe Maximum Heig Charge less les Main pipe Branch pipe	e length pht difference nigth		m m mm	30.0 15.9/9.5 12.7/6.4	30.0 15.9/9.5 12.7/6.4





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

	Indoor unit				RAV-GM561UT-E	RAV-GM801UT-E		
Model name	macor and				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			M. Ell.	kW	11.2 (2.6-13.0)	14.0 (2.6-16.5)		
Power supply	and Hill			Phase-Hz-V	1-50-230(220-240)	1-50-230(220-240		
		Running current	220V-240V	A	9.09 - 8.33	13.92 - 12.76		
	Cooling	Power input	Rated(Min Max.)	kW	1.90(0.56-2.80)	2.91(0.56-3.40)		
		EER	-		5.26	4.30		
Electrical characteristics		Running current	220V-240V	A	10.43 - 9.56	14.55 - 13.33		
	Heating	Power input	Rated(Min Max.)	kW	2.18(0.41-2.98)	3.04(0.41-4.18)		
		COP	•		5.14	4.61		
	Maximum curr	ent		A	20.5	20.5		
Indoor unit	•							
Model name					RAV-GM561UT-E	RAV-GM801UT-E		
	Main unit				Zinc hot dippi	ng steel plate		
Appearance	Ceiling panel		Model name		RBC-U41PG(W)-E	RBC-U41PG(W)-		
	(Sold Separate	ely)	Color		Gran White (M	ansell 5PB9/1)		
	THE PARTY OF		Height	mm	256	319		
	Main unit		Width	mm	840	840		
Dimension	mension			mm	840	840		
Difficusion	MALI TO SE		Height	mm	30	30		
	Panel			Panel Width mm		mm	950	950
	100		Depth	mm	950	950		
	Main unit			kg	20	25		
Weight	Panel			kg	5	5		
Heat exchanger	14411111111111111				Finned tube	Finned tube		
	Fan	COURT OF THE	1 1 1		turbo fan	turbo fan		
Fan unit	Air flow		H/M/L	m ³ /h	1050/900/750	1920/1290/810		
	Motor output		////	W	60	130		
Sound pressure lev	el		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 separate	ely)			RBC-TWP30E2	RBC-TWP50E2		
Outdoor unit						1111111		
Model name			/ / / / /		RAV-GP1101AT-E	RAV-GP1401AT-		
		/	Height	mm	1550	1550		
Dimension			Width	mm	1010	1010		
			Depth	mm	370	370		
Weight		AB		kg	104	104		
Compressor type					DC Twin Rotary	DC Twin Rotary		
Fan motor output				W	100+100	100+100		
Air flow				m³/h	6960	6960		
Refrigerant Quantity	y in Outdoor uni	t		kg	3.1	3.1		
Additional refrigerar				g/m	35	35		
3-10-	Pipe length	At rated perfor	rmance	m	7.5	7.5		
	Minimum Pipe			m	3.0	3.0		
Pipe connections	Maximum Pipe	-		m	75.0	75.0		
,	Maximum Heig	-		m	30.0	30.0		
	Charge less le		- 1	m	30.0	30.0		
	Main pipe		Gas/Liquid	mm	15.9/9.5	15.9/9.5		
Flare connection	connection		Gas/Liquid	mm	12.7/6.4	15.9/9.5		
Sound pressure	Cooling/Heatin	ıg	out English	dB-A	49/50	50/51		
level								
level	Cooling/Heatin	na		dR-4	66/67	67/68		
Sound power level	Cooling/Heatin	ig		dB·A °C	66/67 -15 to 52	67/68 -15 to 52		





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

Model name	Indoor unit				RAV-RM561UTP-E	RAV-RM801UTP-E
Model Hame	Outdoor un	ia.			RAV-RM30101F-E	RAV-RM60101F-E
Cooling congoity	Outdoor un	IL.	HE RESTOR	kW		
Cooling capacity	BOS I BENT			kW	10.0 (3.1-12.0)	12.5 (3.1-14.0) 14.0 (2.6-16.5)
Heating capacity Power supply	do light		HILLIAN CO.	Phase-Hz-V	1-50-230(220-240)	1-50-230(220-240)
Power supply		Dunning		Phase-Hz-V	1-50-230(220-240)	1-50-230(220-240)
		Running current	220V-240V	А	10.19 - 9.34	15.12 - 13.86
	Cooling	Power input	Rated(Min Max.)	kW	2.13(0.53-3.05)	3.16(0.53-3.55)
		EER	•		4.69	3.96
Electrical characteristics		Running current	220V-240V	A	11.20 - 10.26	15.36 - 14.08
	Healing	Power input	Rated(Min Max.)	kW	2.34(0.40-3.08)	3.21(0.40-4.38)
		COP			4.79	4.36
	Maximum cu	urrent		A	21.0	20.7
Indoor unit				-		
Model name					RAV-RM561UTP-E	RAV-RM801UTP-8
	Main unit					ing steel plate
	THOM:					3(W. WS)-E.
Appearance	Ceiling pane		Model name			S(W,WS)-E
	(Sele Sopali	,	Color			.5, Gray(8B 3/0.3))
			Height	mm	256	256
	Main unit			mm	840	840
	3377		Depth	mm	840	840
Dimension	nension		Height	mm	30	30
	Panel		Width	mm	950	950
			Depth	mm	950	950
7 1 1 1 1 1 1 1 1 1	Main unit			kg	20	20
Weight	Panel	1000		kg	4.2	4.2
Heat exchanger	-				Finned tube	Finned tube
. rout ontinuingon	Fan				turbo fan	turbo fan
Fan unit	Air flow		H/M/L	m ³ /h	1050/870/780	1230/960/810
	Motor output		1		14	20
Sound pressure lev			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 separa	ately)	1	3371	RBC-TWP30E2	RBC-TWP50E2
Outdoor unit	toolo deport	7.0.37			TIDO TITI DOLL	1100 1111 0022
Model name					RAV-GP1101AT-E	RAV-GP1401AT-E
INDUCT HATTIC			Height	mm	1550	1550
Dimension			Width	mm	1010	1010
Difficialon			Depth	mm	370	370
Weight		A	Бери	kg	104	104
				, kg		
Compressor type Fan motor output				W	DC Twin Rotary 100+100	DC Twin Rotary 100+100
Air flow				m ³ /h	6960	6960
Refrigerant Quantit	v in Outdoor	ınit			3.1	3.1
Additional refrigera		nint.		kg	35	35
Additional reingeral		At ented no fee	man co	g/m	7.5	7.5
	Pipe length Minimum Pip	At rated perfor	mance	m		
Pipe connections	Maximum Pi			m	3.0 /5.0	3.0 /5.0
ripe connections		, ,		m		
		eight difference		m	30.0	30.0
	Charge less	leilgtii	Castin it	m	30.0	30.0
Flare connection	Main pipe		Gas/Liquid	mm	15.9/9.5	15.9/9.5
Count out	Branch pipe		Gas/Liquid	mm	12.7/6.4	15.9/9.5
Sound pressure level	Cooling/Hea		(- (45)	dB·A	49/50	50/51
Sound power level	Cooling/Hea	ting		dB-A	66/67	67/68
Operating range	Cooling		1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	°C	-15 to 52	-15 to 52
Operating range	Heating		77111	°C	-27 to 15	-27 to 15





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

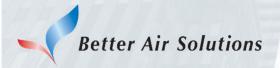
	Indoor unit Outdoor unit				RAV-RM401CTP-E	RAV-RM561CTP-E	RAV-RM801CTP-E
Model name					RAV-RM401CTP-E	RAV-RM561CTP-E	RAV-RM801CTP-E
					RAV-GP801AT-E	RAV-GP1101AT-E	RAV-GP1401AT-E
ooling capacity				kW	7.1 (1.9-8.0)	10.0 (3.1-12.0)	12.5 (3.1-14.0)
Heating capacity				kW	8.0 (1.3-11.3)	11.2 (2.6-13.0)	14.0 (2.6-16.5)
Power supply		TO STATE OF		Phase-Hz-V	1-50-230(220-240)	1-50-230(220-240)	1-50-230(220-240)
Electrical characteristics		Running current	220V-240V	A	7.82 - 7.17	10.67 - 9.78	17.13 - 15.70
	Cooling	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			Α	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)
	He		Height	mm	235	235	235
Dimension			Width	mm	950	950	1270
	De		Depth	mm	690	690	690
Weight				kg	23	23	29
Heat exchanger	11111111				Finned tube	Finned tube	Finned tube
	Fan				Centrifugal fan	Centrifugal fan	Centrifugal fan
Fan unit	Standard air flow H/M/L			m ³ /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 separat	ely)			RBC-TWP30E2	RBC-TWP30E2	RBC-TWP50E2
Outdoor unit							
Model name					RAV-GP801AT-E	RAV-GP1101AT-E	RAV-GP1401AT-E
			Height	mm	1050	1550	1550
Dimension			Width	mm	1010	1010	1010
	Depth		mm	370	370	370	
Weight			kg	74	104	104	
Compressor type	4344	1 / 1 / 1 / 1 / 1 / 1 / 1 / 1 / 1 / 1 /			DC Twin Rotary	DC Twin Rotary	DC Twin Rotary
Fan motor output			W	60	100+100	100+100	
Air flow			//////	m ³ /h	3180	6960	6960
Refrigerant Quantity	y in Outdoor un	it		kg	1.9	3.1	3.1
Additional refrigerar				g/m	35	35	35
Pipe connections	Pipe length	At rated perfor	mance	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
Operating range	Heating			°C	-27 to 15	-27 to 15	-27 to 15





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

	Indoor unit		RAV-RM401SDT-E	RAV-RM561SDT-E		
Model name	muoor unit		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			LE E	Phase-Hz-V	1-50-230(220-240)	1-50-230(220-240)
Electrical characteristics	Cooling	Running current	220V-240V	А	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	А	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 cu	Maximum current		A	20.8	20.6
Indoor unit	•			-		•
Model name					RAV-RM401SDT-E	RAV-RM561SDT-B
Appearance	Main unit				Zinc hot dipping steel plate	
			Height	mm	210	210
Dimension			Width	mm	845	845
			Depth	mm	645	645
Weight				kg	22	22
Heat exchanger					Finned tube	Finned tube
	Fan	William Inches			Centrifugal	Centrifugal
	Standard air	Standard air flow H/M/L			690/600/522	780/678/582
Fon unit	Motor output			W	60	60
Fan unit	External stat	tic pressure	Factory setting	Pa	4	4
	External stat	tic 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			7 / / / /		RAV-GP801AT-E	RAV-GP1101AT-E
41000000		P / 1/	Height	mm	1050	1550
Dimension			Width	mm	1010	1010
			Depth	mm	370	370
Weight			V / Y / / /	kg	74	104
Compressor type					DC Twin Rotary	DC Twin Rotary
Fan motor output		A	w	60	100+100	
Air flow		Alle	m ³ /h	3180	6960	
Refrigerant Quantit	ty in Outdoor u	ınit	kg	1.9	3.1	
Additional refrigerant charge				g/m	35	35
	Pipe length	Pipe length At rated performance			7.5	7.5
Pipe connections	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
El.	Main pipe		Gas/Liquid	mm	15.9/9.5	15.9/9.5
Flare connection	Branch pipe		Gas/Liquid	mm	12.7/6.4	12.7/6.4
Sound pressure level	Cooling/Hea			dB·A	46/48	49/50
Sound power level	Cooling/Heating			dB·A	63/65	66/67
	Cooling		N 1 4 - 17 11	°C	-15 to 52	-15 to 52
Operating range	Heating			°C	-27 to 15	-27 to 15





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

					RAV-RM561BTP-E	RAV-RM801BTP-E
Model name	Indoor unit				RAV-RM561BTP-E	RAV-RM801BTP-B
	Outdoor uni	t	RAV-GP1101AT-E	RAV-GP1401AT-E		
Cooling capacity		N Leading	Hi Harina	kW	10.0 (3.1-12.0)	12.5 (3.1-14.0)
Heating capacity	Bull hald to		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		Running	220V-240V	А	11.48 - 10.53	17.08 - 15.66
	Cooling	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	А	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-
Appearance	Main unit				Zinc hot dipp	ing steel plate
1111111111111			Height	mm	275	275
Dimension			Width	mm	700	1000
			Depth	mm	750	750
Weight				kg	23	30
Heat exchanger					Finned tube	Finned tube
	Fan				Centrifugal fan	Centrifugal fan
	Standard air	flow	H/M/L	m ³ /h	800/660/540	1200/990/870
	Motor output				150	150
Fan unit	External stat		Factory setting	Pa	30	30
	External stat	ic pressure range	Upper-Lower	Pa	120-30	120-30
Sound pressure lev		H/M/L	dB·A	33/29/25	34/30/26	
Sound power level		NI ALL	H/M/L	dB·A	55/51/46	55/51/46
Branch-kit	(Sold separa	telv)			RBC-TWP30E2	RBC-TWP50E2
Outdoor unit						
Model name					RAV-GP1101AT-E	RAV-GP1401AT-E
medor name			Height	mm	1550	1550
Dimension			Width	mm	1010	1010
			Depth	mm	370	370
Weight			John,	kg	104	104
Compressor type				9	DC Twin Rotary	DC Twin Rotary
Fan motor output				w	100+100	100+100
Air flow		- /		m ³ /h	6960	6960
Refrigerant Quantit	v in Outdoor u	nit	kg	3.1	3.1	
Additional refrigera			g/m	35	35	
	Pipe length	At rated performance		-	7.5	7.5
Pipe connections				m	3.0	3.0
	Minimum Pipe length Maximum Pipe length			m	75.0	75.0
				m	30.0	30.0
	Maximum Height difference Charge less length			m	30.0	30.0
	Main pipe	lengui	Gas/Liquid		15.9/9.5	15.9/9.5
Flare connection			Gas/Liquid	mm		
Sound pressure	Branch pipe Cooling/Hea	ting	Gaszciquio	dB·A	12.7/6.4 49/50	15.9/9.5 50/51
Sound power level				dB·A	66/67	67/68
				UD.A	00/07	07/06
Sound power lever	Cooling			°C	-15 to 52	-15 to 52



