

Key Features

- 1st Class small and compact chassis size
- Cooling operation range increased from 43°C to 46°C
- Suitable for both 50Hz and 60Hz power supplies
- Night Operation and Save Operation available for 2HP & 3HP models
- Compliant with the 2014 threshold for EU Lot 10 (-E Model)

TOSHIBA are pleased to announce the launch of the new “4-Series Digital Inverter” available ex-factory from October 2013. The 4HP and 5HP have a reduction in weight of 11% compared to previous 3-series outdoor units by utilising a new compact light-weight compressor used in all 4-Series Digital Inverter outdoor units making them even easier to carry. The new 4-Series Digital Inverter outdoor units are up to 10% more efficient than previous models and can achieve a 10dB(A) noise reduction when operating in “Night Operation” using the RBC-AMS51E controller. The new outdoor units can also utilise energy saving setting operation of 50 to 100% with RBC-AMS51E and RBC-AMT32E remote controllers to reduce energy consumption, an ideal solution to consumer’s escalating electrical supply costs.

Capacity Range (HP)	Current Model Name	New Model Name
2	RAV-SM563AT-E	RAV-SM564ATP-E
3	RAV-SM803AT-E	RAV-SM804ATP-E
4	RAV-SM1103AT-E1	RAV-SM1104ATP-E
5	RAV-SM1403AT-E1	RAV-SM1404ATP-E

New Model Name	Dimensions (mm)	Weight
	H x W x D	(kg)
RAV-SM564ATP-E	550 x 780 x 290	40
RAV-SM804ATP-E		44
RAV-SM1104ATP-E	890 x 900 x 320	68
RAV-SM1404ATP-E		



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Single Split System	4 Way Cassette				Compact Cassette		Slim Duct		Standard Duct				Under Ceiling				High Wall	
	RAV-SM564UTP-E	RAV-SM804UTP-E	RAV-SM1104UTP-E	RAV-SM1404UTP-E	RAV-SM564MUT-E	RAV-SM564SDT-E	RAV-SM566BT-E	RAV-SM806BT-E	RAV-SM1106BT-E	RAV-SM1406BT-E	RAV-SM567CTP-E	RAV-SM807CTP-E	RAV-SM1107CTP-E	RAV-SM1407CTP-E	RAV-SM564KRT-E	RAV-SM804KRT-E		
RAV-SM564ATP-E	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>			
RAV-SM804ATP-E		<input checked="" type="checkbox"/>						<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>		
RAV-SM1104ATP-E			<input checked="" type="checkbox"/>						<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>						
RAV-SM1404ATP-E				<input checked="" type="checkbox"/>						<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>					

Twin Split System	4 Way Cassette		Compact Cassette		Slim Duct		Standard Duct			Under Ceiling		High Wall	
	RAV-SM564UTP-E	RAV-SM804UTP-E	RAV-SM404MUT-E	RAV-SM564MUT-E	RAV-SM404SDT-E	RAV-SM564SDT-E	RAV-SM406BT-E	RAV-SM566BT-E	RAV-SM806BT-E	RAV-SM567CTP-E	RAV-SM807CTP-E	RAV-SM564KRT-E	RAV-SM804KRT-E
RAV-SM804ATP-E			<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>						
RAV-SM1104ATP-E	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	
RAV-SM1404ATP-E		<input checked="" type="checkbox"/>							<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>

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

SPECIFICATIONS

Outdoor Unit					
Model name	RAV-SM	564ATP-E	804ATP-E	1104ATP-E	1404ATP-E
Power supply	1 phase 220V-240V/50Hz				
Dimensions (H x W x D)	(mm)	550 x 780 x 290		890 x 900 x 320	
Weight	(kg)	40	44	68	
Sound pressure level (C/H)	(dB)	46 / 48	48 / 52	53 / 54	54 / 55
Sound power level (C/H)	(dB)	63 / 65	65 / 69	70 / 71	70 / 71
Pipe Connections (Gas/Liquid)	(mm)	12.7 / 6.4	15.9 / 9.5	15.9 / 9.5	15.9 / 9.5
Min. Pipe length	(m)	5			
Max. Pipe length	(m)	30		50	
Chargeless pipe length	(m)	20		30	
Outside air temperature, cooling (min/max)	(°C)	-15 / 46			
Outside air temperature, heating (min/max)	(°C)	-15 / 15			

Hi Wall					
Model name	Indoor unit	RAV-SM	566KRT-E	806KRT-E	
	Outdoor unit	RAV-SM	564ATP-E	804ATP-E	
Cooling Capacity	(kW)		5.0	6.7	
Cooling range (min/max)	(kW)		1.5 / 5.6	1.5 / 7.0	
Power consumption	(kW)		1.66	2.44	
EER			3.01	2.75	
Heating Capacity	(kW)		5.3	7.7	
Heating range (min/max)	(kW)		1.5 / 6.3	1.5 / 9.0	
Power consumption	(kW)		1.55	2.61	
COP			3.42	2.95	

4 Way Cassette						
Model name	Indoor unit	RAV-SM	564UTP-E	804UTP-E	1104UTP-E	1404UTP-E
	Outdoor unit	RAV-SM	564ATP-E	804ATP-E	1104ATP-E	1404ATP-E
Cooling Capacity	(kW)		5.0	6.7	10.0	12.0
Cooling range (min/max)	(kW)		1.5 / 5.6	1.5 / 8.0	3.0 / 11.2	3.0 / 13.2
Power consumption	(kW)		1.56	2.22	3.02	4.29
EER			3.21	3.02	3.31	2.80
Heating Capacity	(kW)		5.3	7.7	11.2	12.8
Heating range (min/max)	(kW)		1.5 / 6.3	1.5 / 9.0	3.0 / 13.0	3.0 / 16.0
Power consumption	(kW)		1.36	2.13	2.93	3.40
COP			3.90	3.62	3.82	3.76

4 Way Compact Cassette				
Model name	Indoor unit	RAV-SM	564MUT-E	
	Outdoor unit	RAV-SM	564ATP-E	
Cooling Capacity	(kW)		5.0	
Cooling range (min/max)	(kW)		1.5 / 5.6	
Power consumption	(kW)		1.65	
EER			3.03	
Heating Capacity	(kW)		5.3	
Heating range (min/max)	(kW)		1.5 / 6.3	
Power consumption	(kW)		1.52	
COP			3.49	

SPECIFICATIONS

Slim Duct			
Model name	Indoor unit	RAV-SM	564SDT-E
	Outdoor unit	RAV-SM	564ATP-E
Cooling Capacity		(kW)	5.0
Cooling range (min/max)		(kW)	1.5 / 5.6
Power consumption		(kW)	1.91
EER			2.62
Heating Capacity		(kW)	5.3
Heating range (min/max)		(kW)	1.5 / 6.3
Power consumption		(kW)	1.50
COP			3.53

Standard Duct						
Model name	Indoor unit	RAV-SM	566BT-E	806BT-E	1106BT-E	1406BT-E
	Outdoor unit	RAV-SM	564ATP-E	804ATP-E	1104ATP-E	1404ATP-E
Cooling Capacity		(kW)	5.0	6.7	10.0	12.1
Cooling range (min/max)		(kW)	1.5 / 5.6	1.5 / 7.4	3.0 / 11.2	3.0 / 13.2
Power consumption		(kW)	1.83	2.38	3.14	4.42
EER			2.73	2.82	3.18	2.74
Heating Capacity		(kW)	5.3	7.7	11.2	12.8
Heating range (min/max)		(kW)	1.5 / 6.3	1.5 / 9.0	3.0 / 12.5	3.0 / 16.0
Power consumption		(kW)	1.62	2.32	2.99	3.55
COP			3.27	3.32	3.75	3.61

Under Ceiling						
Model name	Indoor unit	RAV-SM	567CTP-E	807CTP-E	1107CTP-E	1407CTP-E
	Outdoor unit	RAV-SM	564ATP-E	804ATP-E	1104ATP-E	1404ATP-E
Cooling Capacity		(kW)	5.0	6.9	10.0	12.1
Cooling range (min/max)		(kW)	1.5 / 5.6	1.5 / 7.4	3.0 / 11.2	3.0 / 13.2
Power consumption		(kW)	1.61	2.38	3.11	4.42
EER			3.11	2.90	3.22	2.74
Heating Capacity		(kW)	5.3	7.7	11.2	12.8
Heating range (min/max)		(kW)	1.5 / 6.3	1.5 / 9.0	3.0 / 12.5	3.0 / 16.0
Power consumption		(kW)	1.36	2.13	2.94	3.43
COP			3.90	3.62	3.81	3.73

SPECIFICATIONS

Hi Wall (Twin System)					
Model name	Indoor unit	RAV-SM	566KRT-E	806KRT-E	
	Indoor unit	RAV-SM	566KRT-E	806KRT-E	
	Outdoor unit	RAV-SM	1104ATP-E	1404ATP-E	
Cooling Capacity		(kW)	10.0	12.1	
Cooling range (min/max)		(kW)	3.0 / 11.2	3.0 / 13.0	
Power consumption		(kW)	3.13	4.71	
EER			3.19	2.57	
Heating Capacity		(kW)	11.2	12.8	
Heating range (min/max)		(kW)	3.0 / 12.5	3.0 / 16.0	
Power consumption		(kW)	2.99	3.80	
COP			3.75	3.37	

4 Way Cassette (Twin System)					
Model name	Indoor unit	RAV-SM	564UTP-E	804UTP-E	
	Indoor unit	RAV-SM	564UTP-E	804UTP-E	
	Outdoor unit	RAV-SM	1104ATP-E	1404ATP-E	
Cooling Capacity		(kW)	10.0	12.0	
Cooling range (min/max)		(kW)	3.0 / 11.2	3.0 / 13.2	
Power consumption		(kW)	3.02	4.29	
EER			3.31	2.80	
Heating Capacity		(kW)	11.2	12.8	
Heating range (min/max)		(kW)	3.0 / 13.0	3.0 / 16.0	
Power consumption		(kW)	2.93	3.40	
COP			3.82	3.76	

4 Way Compact Cassette (Twin System)					
Model name	Indoor unit	RAV-SM	564MUT-E		
	Indoor unit	RAV-SM	564MUT-E		
	Outdoor unit	RAV-SM	1104ATP-E		
Cooling Capacity		(kW)	10.0		
Cooling range (min/max)		(kW)	3.0 / 11.2		
Power consumption		(kW)	3.16		
EER			3.16		
Heating Capacity		(kW)	11.2		
Heating range (min/max)		(kW)	3.0 / 13.0		
Power consumption		(kW)	2.99		
COP			2.75		

SPECIFICATIONS

Slim Duct (Twin System)				
Model name	Indoor unit	RAV-SM	564SDT-E	
	Indoor unit	RAV-SM	564SDT-E	
	Outdoor unit	RAV-SM	1104ATP-E	
Cooling Capacity		(kW)	10.0	
Cooling range (min/max)		(kW)	3.0 / 11.2	
Power consumption		(kW)	3.18	
EER			3.14	
Heating Capacity		(kW)	11.2	
Heating range (min/max)		(kW)	3.0 / 12.5	
Power consumption		(kW)	2.99	
COP			3.75	

Standard Duct (Twin System)					
Model name	Indoor unit	RAV-SM	566BT-E	806BT-E	
	Indoor unit	RAV-SM	566BT-E	806BT-E	
	Outdoor unit	RAV-SM	1104ATP-E	1404ATP-E	
Cooling Capacity		(kW)	10.0	12.1	
Cooling range (min/max)		(kW)	3.0 / 11.2	3.0 / 13.2	
Power consumption		(kW)	3.14	4.42	
EER			3.18	2.74	
Heating Capacity		(kW)	11.2	12.8	
Heating range (min/max)		(kW)	3.0 / 12.5	3.0 / 16.0	
Power consumption		(kW)	2.99	3.55	
COP			3.75	3.61	

Under Ceiling (Twin System)					
Model name	Indoor unit	RAV-SM	567CTP-E	807CTP-E	
	Indoor unit	RAV-SM	567CTP-E	807CTP-E	
	Outdoor unit	RAV-SM	1104ATP-E	1404ATP-E	
Cooling Capacity		(kW)	10.0	12.1	
Cooling range (min/max)		(kW)	3.0 / 11.2	3.0 / 13.2	
Power consumption		(kW)	3.11	4.42	
EER			3.22	2.74	
Heating Capacity		(kW)	11.2	12.8	
Heating range (min/max)		(kW)	3.0 / 12.5	3.0 / 16.0	
Power consumption		(kW)	2.94	3.43	
COP			3.81	3.73	

SPECIFICATIONS

High wall

Model		Indoor unit		RAV-SM566KRT-E	RAV-SM806KRT-E
		Outdoor unit		RAV-SM564ATP-E	RAV-SM804ATP-E
Cooling capacity		(kW)		5.0 (1.5 - 5.6)	6.7 (1.5 - 7.0)
Heating capacity		(kW)		5.3 (1.5 - 6.3)	7.7 (1.5 - 9.0)
Power supply				1 phase 220V-240V/50Hz	
Electrical characteristics	Cooling	Running current (A)		7.78 - 7.13	11.43 - 10.48
		Power consumption (kW)		1.66	2.44
		Power factor (%)		97	97
		EER (W/W)		3.01	2.75
	Heating	Running current (A)		7.26 - 6.66	12.23 - 11.21
		Power consumption (kW)		1.55	2.61
		Power factor (%)		97	97
		COP (W/W)		3.42	2.95
Maximum current				12.3	15.5
Indoor unit					
Appearance	Main unit			Pure white	
Outer dimension	Main unit	Height (mm)		320	
		Width (mm)		1,050	
		Depth (mm)		228	
Total weight	Main unit (kg)			12	
Fan unit	Fan			Cross flow fan	
	Standard air flow	H/M/L (m3/h)		14.0 / 12.5 / 11.0	17.0 / 12.5 / 11.0
	Motor (W)			30	
Air filter				Attached	
Sound pressure level		H/M/L (dB)		42 / 39 / 36	47 / 41 / 36
Sound power level		H/M/L (dB)		57 / 54 / 51	62 / 56 / 51
Controller				VP16	
Outdoor unit					
Air Flow		(m3/h)		2,400	2,700
Outer dimension	Height (mm)		550		
	Width (mm)		780		
	Depth (mm)		290		
Total weight	Main unit (kg)		40	44	
Pipe	Min. length (m)		5.0		
	Max. total length (m)		30.0		
Flare Connections	Gas side (mm)		12.7	15.9	
	Liquid side (mm)		6.4	9.5	
Sound pressure level	Cooling/Heating (dB)		46 / 48	48 / 52	
Sound power level	Cooling/Heating (dB)		63 / 65	65 / 69	
Operating Range	Cooling (°C)		-15 / 46		
	Heating (°C)		-15 / 15		

SPECIFICATIONS

4-way Cassette

Model	Indoor unit		RAV-SM564UTP-E	RAV-SM804UTP-E	RAV-SM1104UTP-E	RAV-SM1404UTP-E	
	Outdoor unit		RAV-SM564ATP-E	RAV-SM804ATP-E	RAV-SM1104ATP-E	RAV-SM1404ATP-E	
Cooling capacity		(kW)	5.0 (1.5 - 5.6)	6.7 (1.5 - 8.0)	10.0 (3.0 - 11.2)	10.0 (3.0 - 13.2)	
Heating capacity		(kW)	5.3 (1.5 - 6.3)	7.7 (1.5 - 9.0)	11.2 (3.0 - 13.0)	12.8 (3.0 - 16.0)	
Power supply			1 phase 220V-240V/50Hz				
Electrical characteristics	Cooling	Running current	(A)	7.31 - 6.7	10.4 - 9.54	14.6 - 13.39	20.74 - 19.02
		Power consumption	(kW)	1.56	2.22	3.02	3.57
		Power factor	(%)	97	97	94	94
		EER	(W/W)	3.21	3.02	3.31	2.80
	Heating	Running current	(A)	6.37 - 5.84	9.98 - 9.15	14.17 - 12.99	16.44 - 15.07
		Power consumption	(kW)	1.36	2.13	2.93	3.40
		Power factor	(%)	97	97	94	94
		COP	(W/W)	3.90	3.62	3.82	3.76
		Maximum current	(A)	12.3	14.3	20.8	22.8
	Indoor unit						
Appearance	Main unit		Zinc hot dipping steel plate				
	Ceiling panel	Model	RBC-U31PGP(W,WS)-E , RBC-U31PGSP(W,WS)-E				
Panel colour		W:Moon-white(2.5GY 9.0/0.5), WS:Stripe-white(2.5GY 9.0/0.5,(Gray:8B 3/0.3))					
Outer dimension	Main unit	Height	(mm)	256	319		
		Width	(mm)	840			
		Depth	(mm)	840			
	Ceiling panel	Height	(mm)	30			
		Width	(mm)	950			
		Depth	(mm)	950			
Total weight	Main unit		(kg)	20.0	24.0		
	Ceiling panel			4.2			
Fan unit	Fan			Turbo fan			
	Standard air flow	H/M/L	(m3/h)	17.5 / 14.5 / 13	20.5 / 16 / 13.5	33.5 / 24 / 19.5	35.0 / 24.0 / 20.5
	Motor		(W)	14	20	68	72
Air filter			Long life filter				
Sound pressure level		H/M/L	(dB)	32 / 29 / 28	35 / 31 / 28	43 / 38 / 33	44 / 38 / 34
Sound power level		H/M/L	(dB)	47 / 44 / 43	50 / 46 / 43	58 / 53 / 48	59 / 53 / 49
Connecting pipe	Drain port			VP25			
Outdoor unit							
Air Flow		(m3/h)	2,400	2,700	4,080	4,200	
Outer dimension	Height	(mm)	550		890		
	Width	(mm)	780		900		
	Depth	(mm)	290		320		
Total weight	Main unit		(kg)	40	44	68	
Pipe	Min. length		(m)	5.0			
	Max. total length		(m)	30.0		50.0	
Flare Connections	Gas side		(mm)	12.7	15.9		
	Liquid side		(mm)	6.4	9.5		
Sound pressure level	Cooling/Heating		(dB)	46 / 48	48 / 52	53 / 54	54 / 55
Sound power level	Cooling/Heating		(dB)	63 / 65	65 / 69	70 / 71	70 / 71
Operating Range	Cooling		(°C)	-15 / 46			
	Heating		(°C)	-15 / 15			

SPECIFICATIONS

Compact 4-way Cassette

Model	Indoor unit		RAV-SM564MUT-E	
	Outdoor unit		RAV-SM564ATP-E	
Cooling capacity		(kW)	5.0 (1.5 - 5.6)	
Heating capacity		(kW)	5.3 (1.5 - 6.3)	
Power supply			1 phase 220V-240V/50Hz	
Electrical characteristics	Cooling	Running current (A)	7.73 - 7.09	
		Power consumption (kW)	1.65	
		Power factor (%)	97	
		EER	3.03	
	Heating	Running current (A)	7.12 - 6.53	
		Power consumption (kW)	1.52	
		Power factor (%)	97	
		COP	3.49	
			Maximum current (A)	12.5
	Indoor unit			
Appearance	Main unit		Zinc hot dipping steel plate	
	Ceiling panel	Model	RBC-UM11PG(W)-E	
		Panel color	W: Moon-white(2.5GY 9.0 / 0.5)	
Outer dimension	Main unit	Height (mm)	268	
		Width (mm)	575	
		Depth (mm)	575	
	Ceiling panel	Height (mm)	27	
		Width (mm)	700	
		Depth (mm)	700	
Total weight	Main unit (kg)		16.0	
	Ceiling panel (kg)		3.0	
Fan unit	Fan		turbo fan	
	Standard	H/M/L (m3/h)	13.3 / 11.2 / 9.1	
	Motor (W)		60	
Air filter			Long life filter	
Sound pressure level		H/M/L (dB)	43 / 39 / 34	
Sound power level		H/M/L (dB)	58 / 54 / 49	
Connecting pipe	Drain port		VP25	
Outdoor unit				
Air Flow (m3/h)			2,400	
Outer dimension	Height (mm)		550	
	Width (mm)		780	
	Depth (mm)		290	
Total weight	Main unit (kg)		40	
Pipe	Min. length (m)		5.0	
	Max. total length (m)		30.0	
Flare Connections	Gas side (mm)		12.7	
	Liquid side (mm)		6.4	
Sound pressure level	Cooling/Heating (dB)		46 / 48	
Sound power level	Cooling/Heating (dB)		63 / 65	
Operating Range	Cooling (°C)		-15 / 46	
	Heating (°C)		-15 / 15	

SPECIFICATIONS

Standard Duct

Model		Indoor unit		RAV-SM566BT-E	RAV-SM806BT-E	RAV-SM1106BT-E	RAV-SM1406BT-E	
		Outdoor unit		RAV-SM564ATP-E	RAV-M804ATP-E	RAV-SM1104ATP-E	RAV-SM1404ATP-E	
Cooling capacity		(kW)		5.0 (1.5 - 5.6)	6.7 (1.5 - 7.4)	10.0 (3.0 - 11.2)	12.1 (3.0 - 13.2)	
Heating capacity		(kW)		5.3 (1.5 - 6.3)	7.7 (1.5 - 9.0)	11.2 (3.0 - 12.5)	12.8 (3.0 - 16.0)	
Power supply		1 phase 220V-240V/50Hz						
Electrical characteristics	Cooling	Running (A)		8.58 - 7.86	11.15 - 10.22	15.18 - 13.92	21.37 - 19.59	
		Power (kW)		1.83	2.38	3.14	4.42	
		Power factor (%)		97	97	94	94	
		EER (W/W)		2.73	2.82	3.18	2.74	
	Heating	Running (A)		7.59 - 6.96	10.87 - 9.97	14.46 - 13.25	17.17 - 15.74	
		Power (kW)		1.62	2.32	2.99	3.55	
		Power factor (%)		97	97	94	94	
		COP (W/W)		3.27	3.32	3.75	3.61	
	Maximum current				12.9	15.4	22.0	22.8
	Indoor unit							
Appearance		Main unit		Zinc hot dipping hot steel				
Outer dimension		Main unit		Height (mm)		275		
				Width (mm)		700	1,000	1,400
				Depth (mm)		750		
Total weight		Main unit (kg)		23	30	40		
Fan unit		Fan		Centrifugal fan				
		Air Flow		H/M/L (m3/h)	13.3 / 10.5 / 8.0	20.0 / 15.5 / 12.0	35.0 / 27.5 / 21.0	35.0 / 27.5 / 21.0
		Motor (W)		150		250		
External static pressure		Standard (Upper - Lower) (Pa)		30 (120 - 30)		50 (120 - 30)		
Air filter		Long life filter						
Sound pressure level		H/M/L (dB)		33 / 29 / 25	34 / 30 / 26	40 / 36 / 33	40 / 36 / 33	
Sound power level		H/M/L (dB)		48 / 44 / 40	49 / 45 / 41	55 / 51 / 48	55 / 51 / 48	
Connecting pipe		Drain port		VP25				
Outdoor unit								
Air Flow		(m3/h)		2,400	2,700	4,080	4,200	
Outer dimension		Height (mm)		550		890		
		Width (mm)		780		900		
		Depth (mm)		290		320		
Total weight		Main unit (kg)		40	44	68		
Pipe		Min. length (m)		5.0				
		Max. total length (m)		30.0		50.0		
Flare Connections		Gas side (mm)		12.7		15.9		
		Liquid side (mm)		6.4		9.5		
Sound pressure level		Cooling/Heating (dB)		46 / 48	48 / 52	53 / 54	54 / 55	
Sound power level		Cooling/Heating (dB)		63 / 65	65 / 69	70 / 71	70 / 71	
Operating Range		Cooling (°C)		-15 / 46				
		Heating (°C)		-15 / 15				

SPECIFICATIONS

Slim Duct

Model		Indoor unit		RAV-SM564SDT-E	
		Outdoor unit		RAV-SM564ATP-E	
Cooling capacity		(kW)		5.0 (1.5 - 5.6)	
Heating capacity		(kW)		5.3 (1.5 - 6.3)	
Power supply		1 phase 220V-240V/50Hz			
Electrical characteristics	Cooling	Running current (A)		8.95 - 8.20	
		Power consumption (kW)		1.91	
		Power factor (%)		97	
		EER (W/W)		2.62	
	Heating	Running current (A)		7.03 - 6.44	
		Power consumption (kW)		1.50	
		Power factor (%)		97	
		COP (W/W)		3.53	
			Maximum current		12.9
	Indoor unit				
Appearance	Main unit		Zinc hot dipping steel plate		
Outer dimension	Main unit	Height (mm)	210		
		Width (mm)	845		
		Depth (mm)	645		
Total weight	Main unit (kg)		22		
Fan unit	Fan		Centrifugal fan		
	Standard air flow	H/M/L (m3/h)	13.0 / 11.3 / 9.7		
	Motor (W)		60		
External static pressure	Standard (Upper - Lower) (Pa)		4 (24 - 0)		
Air filter		Long life filter			
Sound pressure level		H/M/L (dB)	45 / 40 / 36		
Sound power level		H/M/L (dB)	60 / 55 / 51		
Connecting pipe	Drain port		VP25		
Outdoor unit					
Air Flow (m3/h)		2,400			
Outer dimension	Height (mm)		550		
	Width (mm)		780		
	Depth (mm)		290		
Total weight	Main unit (kg)		40		
Pipe	Min. length (m)		5.0		
	Max. total length (m)		30.0		
Flare Connections	Gas side (mm)		12.7		
	Liquid side (mm)		6.4		
Sound pressure level	Cooling/Heating (dB)		46 / 48		
Sound power level	Cooling/Heating (dB)		63 / 65		
Operating Range	Cooling (°C)		-15 / 46		
	Heating (°C)		-15 / 15		

SPECIFICATIONS

Under Ceiling

Model		Indoor unit		RAV-SM567CTP-E	RAV-SM807CTP-E	RAV-SM1107CTP-E	RAV-SM1407CTP-E
		Outdoor unit		RAV-SM564ATP-E	RAV-SM804ATP-E	RAV-SM1104ATP-E	RAV-SM1404ATP-E
Cooling capacity		(kW)		5.0 (1.5 - 5.6)	6.9 (1.5 - 7.4)	10.0 (3.0 - 11.2)	12.1 (3.0 - 13.2)
Heating capacity		(kW)		5.3 (1.5 - 6.3)	7.7 (1.5 - 9.0)	11.2 (3.0 - 12.5)	12.8 (3.0 - 16.0)
Power supply		1 phase 220V-240V/50Hz					
Electrical characteristics	Cooling	Running current (A)		7.54 - 6.92	11.15 - 10.22	15.04 - 13.79	21.37 - 19.59
		Power (kW)		1.61	2.38	3.11	4.42
		Power factor (%)		97	97	94	94
		EER (W/W)		3.11	2.90	3.22	2.74
	Heating	Running current (A)		6.37 - 5.84	9.98 - 9.15	14.22 - 13.03	16.59 - 15.20
		Power (kW)		1.36	2.13	2.94	3.43
		Power factor (%)		97	97	94	94
		COP (W/W)		3.90	3.62	3.81	3.73
		Maximum current		12.8	15.1	21.6	22.8
	Indoor unit						
Appearance		Main unit		Pure white			
Outer dimension	Main unit	Height (mm)		235			
		Width (mm)		950	1,270	1,586	
		Depth (mm)		690			
Total weight	Main unit	(kg)		23	29	35	
Fan unit	Fan		Centrifugal fan				
	Standard air flow	H/M/L	(m3/h)	15.0 / 12.0 / 9.0	23.5 / 16.7 / 12.5	31.0 / 22.5 / 17.0	34.0 / 25.5 / 20.0
	Motor		(W)	94		139	
Air filter		Long life filter					
Sound pressure level		H/M/L	(dB)	37 / 35 / 28	41 / 36 / 29	44 / 38 / 32	46 / 41 / 35
Sound power level		H/M/L	(dB)	52 / 50 / 43	56 / 51 / 44	59 / 53 / 47	61 / 56 / 50
Controller (Sold Separately)		VP20					
Outdoor unit							
Air Flow		(m3/h)		2,400	2,700	4,080	4,200
Outer dimension	Height		(mm)	550		890	
	Width		(mm)	780		900	
	Depth		(mm)	290		320	
Total weight	Main unit	(kg)		40	44	68	
Pipe	Min. length		(m)	5.0			
	Max. total length		(m)	30		50	
Flare Connections	Gas side		(mm)	12.7	15.9		
	Liquid side		(mm)	6.4	9.5		
Sound pressure level	Cooling/Heating		(dB)	46 / 48	48 / 52	53 / 54	54 / 55
Sound power level	Cooling/Heating		(dB)	63 / 65	65 / 69	70 / 71	70 / 71
Operating Range	Cooling		(°C)	-15 / 46			
	Heating		(°C)	-15 / 15			

SPECIFICATIONS

High Wall (Twin System)

Model	Indoor unit 1		RAV-SM566KRT-E	RAV-SM806KRT-E	
	Indoor unit 2		RAV-SM566KRT-E	RAV-SM806KRT-E	
	Outdoor unit		RAV-SM1104ATP-E	RAV-SM1404ATP-E	
Cooling capacity	(kW)		10.0 (3.0 - 11.2)	12.1 (3.0 - 13.0)	
Heating capacity	(kW)		11.2 (3.0 - 12.5)	12.8 (3.0 - 16.0)	
Power supply	1 phase 220V-240V/50Hz				
Electrical characteristics	Cooling	Running current	(A)	15.14 - 13.87	22.78 - 20.88
		Power consumption	(kW)	3.13	4.71
		Power factor	(%)	94	94
		EER	(W/W)	3.19	2.57
	Heating	Running current	(A)	14.46 - 13.25	18.38 - 16.84
		Power consumption	(kW)	2.99	3.80
		Power factor	(%)	94	94
		COP	(W/W)	3.75	3.37
		Maximum current		20.3	22.8
	Indoor unit				
Appearance	Main unit		Pure white		
Outer dimension	Main unit	Height	(mm)	320	
		Width	(mm)	1,050	
		Depth	(mm)	228	
Total weight	Main unit		12		
Fan unit	Fan		Cross flow fan		
	Standard air flow	H/M/L (m3/h)	14.0 / 12.5 / 11.0	17.0 / 12.5 / 11.0	
	Motor		(W) 30		
Air filter	Attached				
Sound pressure level	H/M/L	(dB)	42 / 39 / 36	47 / 41 / 36	
Sound power level	H/M/L	(dB)	57 / 54 / 51	62 / 56 / 51	
Connecting pipe	Drain port		VP16		
Outdoor unit					
Air Flow	(m3/h)		4,080	4,200	
Outer dimension	Height	(mm)	890		
	Width	(mm)	900		
	Depth	(mm)	320		
Total weight	Main unit		(kg) 68		
Pipe	Min. length	(m)	5		
	Max. total length	(m)	50		
Flare Connections	Main	Gas	(mm)	15.9	
		Liquid	(mm)	9.5	
	Branch	Gas	(mm)	12.7	
		Liquid	(mm)	6.4	
Sound pressure	Cooling/Heating	(dB)	53 / 54	54 / 55	
Sound power level	Cooling/Heating	(dB)	70 / 71	70 / 71	
Operating Range	Cooling	(°C)	-15 / 46		
	Heating	(°C)	-15 / 15		

SPECIFICATIONS

4-way Cassette (Twin System)

Model	Indoor unit 1		RAV-SM564UTP-E	RAV-SM804UTP-E		
	Indoor unit 2		RAV-SM564UTP-E	RAV-SM804UTP-E		
	Outdoor unit		RAV-SM1104ATP-E	RAV-SM1404ATP-E		
Cooling capacity		(kW)	10.0 (3.0 - 11.2)	12.0 (3.0 - 13.2)		
Heating capacity		(kW)	11.2 (3.0 - 13.0)	12.8 (3.0 - 16.0)		
Power supply			1 phase 220V-240V/50Hz			
Electrical characteristics	Cooling	Running current	(A)	14.60 - 13.39	20.74 - 19.02	
		Power consumption	(kW)	3.02	4.29	
		Power factor	(%)	94	94	
		EER		3.31	2.80	
	Heating	Running current	(A)	14.17 - 12.99	16.44 - 15.07	
		Power consumption	(kW)	2.93	3.40	
		Power factor	(%)	94	94	
		COP		3.82	3.76	
			Maximum current	(A)	20.8	22.8
	Indoor unit					
Appearance	Main unit		Zinc hot dipping steel plate			
	Ceiling panel (Sold separately)	Model	RBC-U31PGP(W,WS)-E , RBC-U31PGSP(W,WS)-E			
		Panel color	W: Moon-white(2.5GY 9.0/0.5), WS: Stripe-white(2.5GY 9.0/0.5, Gray: 8B 3/0.3)			
Outer dimension	Main unit	Height	(mm)	256		
		Width	(mm)	840		
		Depth	(mm)	840		
	Ceiling panel (Sold separately)	Height	(mm)	30		
		Width	(mm)	950		
		Depth	(mm)	950		
Total weight	Main unit		(kg)	20		
	Ceiling panel		(kg)	4.2		
Fan unit	Fan		Turbo fan			
	Standard air flow	H/M/L	(m3/h)	17.5 / 14.5 / 13.0	20.5 / 16.0 / 13.5	
	Motor		(W)	14	20	
Air filter			Long life filter			
Sound pressure level		H/M/L	(dB)	32 / 29 / 28	35 / 31 / 28	
Sound power level		H/M/L	(dB)	47 / 44 / 43	50 / 46 / 43	
Connecting pipe	Drain port		VP25			
Outdoor unit						
Air Flow		(m3/h)	4,080	4,200		
Outer dimension	Height		(mm)	890		
	Width		(mm)	900		
	Depth		(mm)	320		
Total weight	Main unit		(kg)	68		
Pipe	Min. length		(m)	5.0		
	Max. total length		(m)	50.0		
Flare Connections	Main	Gas	(mm)	15.9		
		Liquid	(mm)	9.5		
	Branch	Gas	(mm)	12.7		
		Liquid	(mm)	6.4		
Sound pressure	Cooling/Heating		(dB)	53 / 54	54 / 55	
Sound power level	Cooling/Heating		(dB)	70 / 71	70 / 71	
Operating Range	Cooling		(°C)	-15 / 46		
	Heating		(°C)	-15 / 15		

SPECIFICATIONS

Compact 4-way Cassette (Twin System)

Model	Indoor unit 1		RAV-SM564MUT-E	
	Indoor unit 2		RAV-SM564MUT-E	
	Outdoor unit		RAV-SM1104ATP-E	
Cooling capacity		(kW)	10.0 (3.0 - 11.2)	
Heating capacity		(kW)	11.2 (3.0 - 13.0)	
Power supply			1 phase 220V-240V/50Hz	
Electrical characteristics	Cooling	Running current	(A) 15.28 - 14.01	
		Power consumption	(kW) 3.16	
		Power factor	(%) 94	
		EER	3.16	
	Heating	Running current	(A) 14.46 - 13.25	
		Power consumption	(kW) 2.99	
		Power factor	(%) 94	
		COP	3.75	
	Maximum current		(A) 20.7	
	Indoor unit			
Appearance	Main unit		Zinc hot dipping steel plate	
	Ceiling panel (Sold separately)	Model	RBC-UM11PG(W)-E	
Panel color		W: Moon-white(2.5GY 9.0 / 0.5)		
Outer dimension	Main unit	Height	(mm) 268	
		Width	(mm) 575	
		Depth	(mm) 575	
	Ceiling panel (Sold separately)	Height	(mm) 27	
		Width	(mm) 700	
		Depth	(mm) 700	
Total weight	Main unit		(kg) 16	
	Ceiling panel (Sold separately)		(kg) 3	
Fan unit	Fan		turbo fan	
	Standard air flow	H/M/L (m3/min)	13.3 / 11.2 / 9.1	
	Motor		(W) 60	
Air filter		Long life filter		
Sound pressure level		H/M/L (dB)	43 / 39 / 34	
Sound power level		H/M/L (dB)	58 / 54 / 49	
Connecting pipe	Drain port		VP25	
Outdoor unit				
Air Flow		(m3/h)	4,080	
Outer dimension	Height	(mm)	890	
	Width	(mm)	900	
	Depth	(mm)	320	
Total weight	Main unit		(kg) 68	
Pipe	Min. length		(m) 5.0	
	Max. total length		(m) 50.0	
Flare Connections	Main	Gas	(mm) 15.9	
		Liquid	(mm) 9.5	
	Branch	Gas	(mm) 12.7	
		Liquid	(mm) 6.4	
Sound pressure	Cooling / Heating		(dB) 53 / 54	
Sound power level	Cooling/Heating		(dB) 70 / 71	
Operating Range	Cooling		(°C) -15 / 46	
	Heating		(°C) -15 / 15	

SPECIFICATIONS

Standard Duct (Twin System)

Model	Indoor unit 1		RAV-SM566BT-E	RAV-SM806BT-E	
	Indoor unit 2		RAV-SM566BT-E	RAV-SM806BT-E	
	Outdoor unit		RAV-SM1104ATP-E	RAV-SM1404ATP-E	
Cooling capacity		(kW)	10.0 (3.0 - 11.2)	12.1 (3.0 - 13.2)	
Heating capacity		(kW)	11.2 (3.0 - 12.5)	12.8 (3.0 - 16.0)	
Power supply			1 phase 220V-240V/50Hz		
Electrical characteristics	Cooling	Running current	(A)	15.18 - 13.92	21.37 - 19.59
		Power consumption	(kW)	3.14	4.42
		Power factor	(%)	94	94
		EER	(W/W)	3.18	2.74
	Heating	Running current	(A)	14.46 - 13.25	17.17 - 15.74
		Power consumption	(kW)	2.99	3.55
		Power factor	(%)	94	94
		COP	(W/W)	3.75	3.61
		Maximum current		22.0	22.8
	Indoor unit				
Appearance	Main unit		Zinc hot dipping steel plate		
Outer dimension	Main unit	Height	(mm)	275	
		Width	(mm)	700	1,000
		Depth	(mm)	750	
Total weight	Main unit		23	30	
Fan unit	Fan		Centrifugal fan		
	Standard air flow	H/M/L (m3/h)	13.3 / 10.5 / 8.0	20.0 / 15.5 / 12.0	
	Motor		(W)	150	
External static pressure	Standard (Upper - Lower)		(Pa)	30 (120 - 30)	
Air filter		Long life filter			
Sound pressure level		H/M/L (dB)	33 / 29 / 25	34 / 30 / 26	
Sound power level		H/M/L (dB)	48 / 44 / 40	49 / 45 / 41	
Connecting pipe	Drain port		VP25		
Outdoor unit					
Air Flow		(m3/h)	4,080	4,200	
Outer dimension	Height		(mm)	890	
	Width		(mm)	900	
	Depth		(mm)	320	
Total weight	Main unit		(kg)	68	
Pipe	Min. length		(m)	5.0	
	Max. total length		(m)	50.0	
Flare Connections	Main	Gas	(mm)	15.9	
		Liquid	(mm)	9.5	
	Branch	Gas	(mm)	12.7	
		Liquid	(mm)	6.4	
Sound pressure level	Cooling/Heating		(dB)	53 / 54	54 / 55
Sound power level	Cooling/Heating		(dB)	70 / 71	70 / 71
Operating Range	Cooling		(°C)	-15 / 46	
	Heating		(°C)	-15 / 15	

SPECIFICATIONS

Slim Duct (Twin System)

Model	Indoor unit 1		RAV-SM564SDT-E
	Indoor unit 2		RAV-SM564SDT-E
	Outdoor unit		RAV-SM1104ATP-E
Cooling capacity		(kW)	10.0 (3.0 - 11.2)
Heating capacity		(kW)	11.2 (3.0 - 12.5)
Power supply			1 phase 220V-240V/50Hz
Electrical characteristics	Cooling	Running current (A)	15.38 - 14.10
		Power consumption (kW)	3.18
		Power factor (%)	94
		EER (W/W)	3.14
	Heating	Running current (A)	14.46 - 13.25
		Power consumption (kW)	2.99
		Power factor (%)	94
		COP (W/W)	3.75
		Maximum current (A)	21.0
	Indoor unit		
Appearance	Main unit		Zinc hot dipping steel plate
Outer dimension	Main unit	Height (mm)	210
		Width (mm)	845
		Depth (mm)	645
Total weight	Main unit	(kg)	22
Fan unit	Fan		Centrifugal fan
	Standard air flow	H/M/L (m3/h)	13.0 / 11.3 / 9.7
	Motor	(w)	60
External static pressure	Standard (Upper - Lower) (Pa)		4 (24 - 0)
Air filter			Long life filter
Sound pressure level		H/M/L (dB)	45 / 40 / 36
Sound power level		H/M/L (dB)	60 / 55 / 51
Connecting pipe	Drain port		VP25
Outdoor unit			
Air Flow (m3/h)			4,080
Outer dimension	Height (mm)		890
	Width (mm)		900
	Depth (mm)		320
Total weight	Main unit	(kg)	68
Pipe	Min. length (m)		5
	Max. total length (m)		50
Flare Connections	Main	Gas (mm)	15.9
		Liquid (mm)	9.5
	Branch	Gas (mm)	12.7
		Liquid (mm)	6.4
Sound pressure level	Cooling / Heating (dB)		53 / 54
Sound power level	Cooling/Heating (dB)		70 / 71
Operating Range	Cooling (°C)		-15 / 46
	Heating (°C)		-15 / 15

SPECIFICATIONS

Under Ceiling (Twin System)

Model	Indoor unit 1		RAV-SM567CTP-E	RAV-SM807CTP-E	
	Indoor unit 2		RAV-SM567CTP-E	RAV-SM807CTP-E	
	Outdoor unit		RAV-SM1104ATP-E	RAV-SM1404ATP-E	
Cooling capacity		(kW)	10.0 (3.0 - 11.2)	12.1 (3.0 - 13.2)	
Heating capacity		(kW)	11.2 (3.0 - 12.5)	12.8 (3.0 - 16.0)	
Power supply			1 phase 220V-240V/50Hz		
Electrical characteristics	Cooling	Running current	(A)	15.04 - 13.79	21.37 - 19.59
		Power consumption	(kW)	3.11	4.42
		Power factor	(%)	94	94
		EER	(W/W)	3.22	2.74
	Heating	Running current	(A)	14.22 - 13.03	16.59 - 15.20
		Power consumption	(kW)	2.94	3.43
		Power factor	(%)	94	94
		COP	(W/W)	3.81	3.73
	Maximum current			21.6	22.8
	Indoor unit				
Appearance	Main unit		Pure White		
Outer dimension	Main unit	Height (mm)	235		
		Width (mm)	950	1,270	
		Depth (mm)	690		
Total weight	Main unit		23	29	
Fan unit	Fan		Centrifugal fan		
	Standard air flow	H/M/L (m3/h)	15.0 / 12.0 / 9.0	23.5 / 16.7 / 12.5	
	Motor	(w)	94		
Air filter		Long life filter			
Sound pressure level		H/M/L (dB)	37 / 35 / 28	41 / 36 / 29	
Sound power level		H/M/L (dB)	52 / 50 / 43	56 / 51 / 44	
Connecting pipe	Drain port		VP20		
Outdoor unit					
Air Flow (m3/h)			4,080	4,200	
Outer dimension	Height	(mm)	890		
	Width	(mm)	900		
	Depth	(mm)	320		
Total weight	Main unit		(kg) 68		
Pipe	Min. length		(m) 5		
	Max. total length		(m) 50		
Flare Connections	Main	Gas (mm)	15.9		
		Liquid (mm)	9.5		
	Branch	Gas (mm)	12.7		
		Liquid (mm)	6.4		
Sound pressure level	Cooling / Heating	(dB)	53 / 54	54 / 55	
Sound power level	Cooling/Heating	(dB)	70 / 71	70 / 71	
Operating Range	Cooling	(°C)	-15 / 46		
	Heating	(°C)	-15 / 15		