

## Toshiba Air Conditioning - RAV SM/SP Data Sheet

RAV SM/SP 4-Way Compact Cassette Systems  
RAV-###MUT-E



### RAV SM/SP 4-Way Compact Cassette Systems

This 4-way cassette has been especially designed for applications where a compact efficient unit is required. The system sits within the standard false ceiling of 600 x 600 mm grid system to minimise disruption during installation, eliminating the requirement to cut the grid system to house the cassette body.

#### Features

- Nominal cooling 2.5 kW to 5.0 kW (3 models)
- Built-in drain pump
- Fits all standard 600 x 600 mm ceiling grids
- Draught prevention and clean ceiling functions make these units ideal for a large number of applications
- Auto-diagnostic function
- Compact size
- Latest digital hybrid inverter technology
- R22 and R407C replacement technology

Cool Designs Ltd

Raising the Standards in Air Conditioning Distribution

[www.cdlweb.info](http://www.cdlweb.info)



All UK duties are based on Cooling Indoor air temperature 23°C DB/16°C WB Outdoor air temperature 29°C DB 50% RH, high fan speed, 5 m pipe run.  
Heating Indoor air temperature 20°C DB Outdoor air temperature -5°C DB 100% RH, high fan speed, 5 m pipe run. Values are based on the maximum compressor output.  
Data obtained from Toshiba Air Conditioning September 2014.

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### RAV SM/SP 4-Way Compact Cassette Systems RAV-###MUT-E

#### Digital Inverters

Model reference*	RAV-	SM304MUT-E	SM404MUT-E	SM564MUT-E
Outdoor unit reference		SM304ATP-E	SM404ATP-E	SM564ATP-E
Nominal cooling	kW	2.5	3.6	5.0
Nominal heating	kW	3.4	4.0	5.3
UK cooling	kW	2.40	3.45	4.80
UK sensible cooling	kW	1.95	2.79	3.50
UK heating	kW	2.18	2.56	3.79
Annual power consumption	kWh	295	450	825
Sound power (high/low)	dB(A)	55/46	55/46	58/49
Sound pressure (high/low)	dB(A)	40/31	40/31	43/34
Air flow (high/low)	m <sup>3</sup> /h	640/440	660/468	798/546
Air flow (high/low)	l/s	177/122	183/130	222/152
Total dimensions (H x W x D)	mm	268 x 575 x 575	268 x 575 x 575	268 x 575 x 575
Weight	kg	16	16	17
System starting current	A	1	1	1
Running current	A	3.45	4.32	7.73
Power supply	V-ph-Hz	220/240-1-50/60	220/240-1-50/60	220/240-1-50/60
Interconnecting cable		3 core + earth	3 core + earth	3 core + earth
Suggested fuse size	A	10	10	16
Pipe sizes, liquid - suction	inch	1/4 - 3/8	1/4 - 1/2	1/4 - 1/2
EER/COP		4.24/4.47	4.00/4.21	3.03/3.49
SEER/SCOP		5.53/4.27	5.35/4.27	5.48/4.16
Energy label - cool/heat		A+ / A+	A / A+	A / A+
Ceiling panel		RBC-UM11PG(W)-E	RBC-UM11PG(W)-E	RBC-UM11PG(W)-E

\* The data shown in the table is for single-split combinations.

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## Toshiba Air Conditioning - RAV SM/SP Data Sheet

### RAV SM/SP 4-Way Compact Cassette Systems RAV-###MUT-E

#### Super Digital Inverters

Model reference*	RAV-	SM404MUT-E	SM564MUT-E
Outdoor unit reference		SP404ATP-E	SP564ATP-E
Nominal cooling	kW	3.6	4.0
Nominal heating	kW	4.0	4.5
UK cooling	kW	3.40	4.80
UK sensible cooling	kW	2.70	3.50
UK heating	kW	2.61	3.66
Annual power consumption	kWh	500	780
Sound power (high/low)	dB(A)	55/46	58/49
Sound pressure (high/low)	dB(A)	40/31	43/34
Air flow (high/low)	m <sup>3</sup> /h	660/468	798/546
Air flow (high/low)	l/s	183/130	222/152
Total dimensions (H x W x D)	mm	268 x 575 x 575	268 x 575 x 575
Weight	kg	17	17
System starting current	A	1	1
Running current	A	4.98	6.55
Power supply	V-ph-Hz	220/240-1-50	220/240-1-50
Interconnecting cable		3 core + earth	3 core + earth
Suggested fuse size	A	10	16
Pipe sizes, liquid - suction	inch	1/4 - 1/2	1/4 - 1/2
EER/COP		3.60/4.12	3.21/3.64
SEER/SCOP		5.38/4.17	5.61/4.20
Energy label - cool/heat		A/A+	A+/A+
Ceiling panel		RBC-UM11PG(W)-E	RBC-UM11PG(W)-E

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