

Toshiba Air Conditioning - RAS Data Sheet

AvAnt High-Wall Inverter
RAS-###SKV-E5



AvAnt High-Wall Inverter

The entry level AvAnt model uses the latest inverter technology to deliver the ideal temperature all year round, delivered with high energy saving and extremely low noise, combining efficiency and comfort with true value for money.

Features

- Nominal cooling 2.5 kW to 4.4 kW (3 models)
- Enhanced and slimline flat panel design
- Extremely low sound levels
- Auto diagnostic function
- Easy-to-use remote control with extra-large display
- Self-cleaning function
- Easy installation and maintenance
- Latest digital hybrid inverter technology

Cool Designs Ltd

Raising the Standards in Air Conditioning Distribution

www.cdlweb.info



All UK duties are based on Cooling Indoor air temperature 22°C DB/16°C WB Outdoor air temperature 28°C DB 50% RH, high fan speed, 5 m pipe run.
Heating Indoor air temperature 21°C DB Outdoor air temperature -4°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 Web Data July 2013.

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AvAnt High-Wall Inverter RAS-###SKV-E5

Model reference		RAS-107SKV-E5	RAS-137SKV-E5	RAS-167SKV-E5
Nominal cooling	kW	2.5	3.3	4.4
Nominal heating	kW	3.2	4.2	5.2
UK cooling	kW	2.92	3.90	4.87
UK sensible cooling	kW	2.22	3.75	4.65
UK heating	kW	3.07	2.96	3.70
Annual power consumption	kWh	385	600	780
Sound pressure (cool/heat - high)	dB(A)	40/41	41/42	45/45
Air flow (cool/heat - high)	m³/h	528/570	570/588	690/744
Total dimensions (H x W x D)	mm	275 x 790 x 205	275 x 790 x 205	275 x 790 x 205
Weight	kg	9	9	9
Model reference outdoor unit		RAS-107SAV-E5	RAS-137SAV-E5	RAS-167SAV-E5
System start current	A	1	1	1
Suggested fuse size	A	6	6	10
Power supply	V-ph-Hz	220/240-1-50/60	220/240-1-50/60	220/240-1-50/60
Power supply applied to		Outdoor unit	Outdoor unit	Outdoor unit
Interconnecting cable		3 core + earth	3 core + earth	3 core + earth
Sound pressure (cool/heat - high)	dB(A)	48/50	48/50	49/50
Air flow (H/L)	m³/h	1740/1740	1860/1860	2250/2250
Total dimensions (H x W x D)	mm	530 x 660 x 240	530 x 660 x 240	530 x 780 x 290
Weight	kg	27	28	40
Pipe sizes, liquid - suction	inch	1/4 - 3/8	1/4 - 3/8	1/4 - 1/2
Min./max. pipe length - max. height	m	2/15 - 8	2/15 - 8	2/20 - 10
Pre-charge length (kg/length)	m	10	10	15
Additional refrigerant R410A	g/m	20	20	20
EER/COP		3.25/3.81	2.75/3.79	2.82/3.42
SEER/SCOP		5.1/3.6	4.8/3.4	5.8/3.8
Energy label (cool/heat)		A/A	B/A	A+/A
Operating range (cool/heat)	°C	-10-46/-15-24	-10-46/-15-24	-10-46/-15-24

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