

## Key Features

- Compact design
- Easy to install
- EuP LOT10 regulations compliant
  - Wide operating temperature range
  - Nice and easy to use wireless remote controller

**TOSHIBA** would like to announce the launch of the **New RAS AvAnt-E6 series High Wall** residential inverter heat pump split systems available March 2014. The range features improved efficiency ratings to comply with the latest EuP LOT10 regulations. Systems have been designed to be compact, easy to install and offer a wide operating temperature range in cooling and heating. Systems are supplied with "nice and easy to use" wireless remote controller.



Capacity Range (kW)	Current Model Name	New Model Name
2.50	RAS-107SKV-E5 RAS-107SAV-E5	<b>RAS-107SKV-E6 RAS-107SAV-E6</b>
3.15	RAS-137SKV-E5 RAS-137SAV-E5	<b>RAS-137SKV-E6 RAS-137SAV-E6</b>
4.4	RAS-167SKV-E5 RAS-167SAV-E5	<b>Continued</b>

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](mailto:general.enquiries@toshiba-ac.com)

# RAS AvAnt Inverter Split Systems

Indoor unit				RAS-107SKV-E6	RAS-137SKV-E6	RAS-167SKV-E5	
Outdoor unit				RAS-107SAV-E6	RAS-137SAV-E6	RAS-167SAV-E5	
Cooling capacity		(kW)		2.5 (1.2 - 3.0)	3.15 (1.20 - 3.6)	4.4 (1.10 - 5.0)	
Heating capacity		(kW)		3.2 (0.9 - 3.5)	3.60 (0.95 - 4.0)	5.2 (1.00 - 6.2)	
UK Total Cooling capacity		(kW)		2.44	3.08	4.3	
UK Sensible Cooling capacity		(kW)		2.16	2.55	3.37	
UK Heating capacity		(kW)		2.05	2.44	3.34	
Operating temperature range	Cooling / Heating	(°C)		46 to -10 / 24 to -15			
Performance characteristics	Cooling	Running current	(Amps)	3.88 - 3.55	5.37 - 4.91	7.34 - 6.73	
		Power consumption	(kW)	0.77	1.1	1.56	
		Power factor	(%)	83.5	85	81	
		EER / SEER		3.25 / 5.1	2.86 / 5.1	2.82 / 5.8	
		Seasonal energy consumption	(kWh/a)	137	255	266	
		Energy efficiency class		A	A	A+	
	Heating	Running current	(Amps)	4.19 - 3.84	4.7 - 4.3	7.15 - 6.56	
		Power consumption	(kW)	0.84	0.95	1.52	
		Power factor	(%)	84	84.5	81.5	
		COP / SCOP		3.81 / 3.8	3.79 / 3.8	3.42 / 3.8	
		Seasonal energy consumption	(kWh/a)	972	1234	1399	
		Energy efficiency class		A	A	A	
<b>Indoor unit</b>							
Fan unit	Standard air flow	H/L	(l/s)	147 / 158	158 / 163	183 / 40	
			(m3/h)	528 / 570	570 / 588	660 / 144	
Sound pressure level		H/M/L	(dBA)	41 / 35 / 27	42 / 36 / 28	45 / 40 / 30	
Sound power level		H/M/L	(dBA)	56 / 50 / 42	57 / 51 / 43	60 / 55 / 45	
Dimensions	Height / Width / Depth		(mm)	275 / 790 / 205		275 / 790 / 205	
Total weight			(kg)	9			
Connecting pipe	Gas side		(mm)	9.52 / 3/8		12.7 / 1/2	
	Liquid side		(mm)	6.35 / 1/4		6.35 / 1/4	
	Drain Hose	Outer Diameter		(mm)	16		
		Inner Diameter		(mm)	14		
Power supply				1 phase 230v 50Hz			
Power cable from outdoor to indoor				3 core + earth			
Remote controller	Standard model			SKV			
	Type			Infra-Red			
<b>Outdoor unit</b>							
Standard air flow			(l/s)	483	517	625	
			(m3/h)	1740	1860	2250	
Sound pressure level	Cooling/Heating		(dBA)	48 / 50	48 / 50	49 / 50	
Sound power level	Cooling/Heating		(dBA)	63 / 65	63 / 65	64 / 65	
Refrigerant	Base Charge		(kg)	0.63	0.63	1.05	
	Charge-less up to		(m)	15			
	Additional charge		(g/m)	0		20	
	Minimum length		(m)	2			
	Maximum total length		(m)	15	20		
	Height difference to indoor		(m)	±8		±10	
Pipe connections	Gas side flare		(mm) / (in")	9.52 / 3/8		12.7 / 1/2	
	Liquid side flare		(mm) / (in")	6.35 / 1/4		6.35 / 1/4	
Drain port connector	Hose inner diameter		(mm)	16			
Unit dimensions	Height / Width / Depth		(mm)	530 / 660 / 240		530 / 780 / 290	
Total weight			(kg)	28			
Maximum run current			(Amps)	3.95	5.16	7.13	
Power supply				1 phase 230v 50Hz			
Suggested fused supply			(Amps)	10		16	