

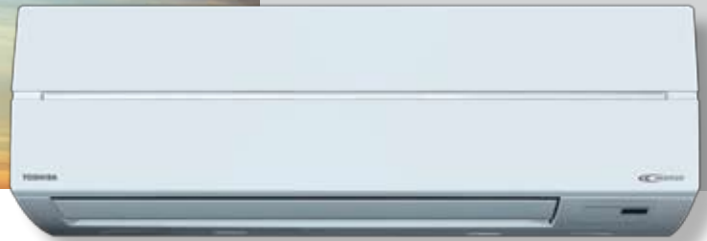


SKV

High energy efficiency and complete air purification

SKV

A CLASS ABOVE



Cover picture: RAS-10SKV-A, Above picture: RAS-13SKV-A and RAS-16SKV-A

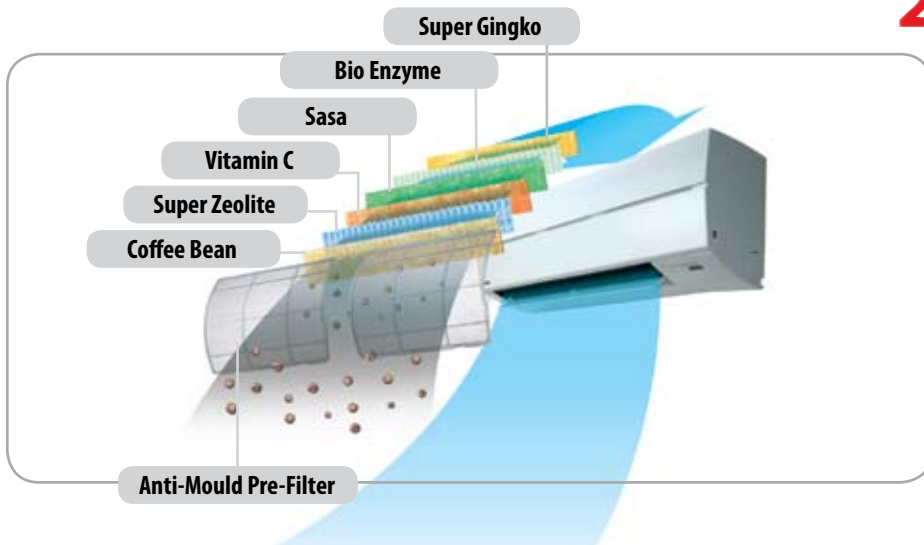
High quality and savings

Quality has always been Toshiba's strength and remains the trademark that differentiates Toshiba air conditioners from the competition. This inverter high-wall is more than

4 star heating and cooling, with the DC Rotary Inverter, it provides high energy saving: 20% more than a standard model. This high-wall is now available in an additional 6kW size:

the complete range can satisfy the most demanding requirements.

20% more saving



Pure indoor air

Toshiba's 7 in 1 filtration system helps stop impurities from reaching you and your family. With this advanced system, the air passes through several filters and becomes purer, fresher and healthier, ensuring optimised comfort in your home.

The magnificent 7

- **ANTI-MOULD PRE-FILTER:** this pre-filter prevents mould keeping the high-wall clean
- **VITAMIN C:** known as an anti-oxidant – it protects skin by neutralising free radicals that could cause harm
- **SUPER ZEOLITE:** combining Zeolite and Titanium Dioxide, it deodorises the air and removes odours
- **COFFEE BEAN:** with anti-ageing and anti-oxidant properties
- **SUPER GINGKO:** it reduces agents that can cause allergic reactions
- **BIO ENZYME:** traps and removes bacteria, viruses and mould
- **SASA (Bamboo grass):** effective in deactivating bacterial viruses that cause illness





High energy savings

Pure indoor air, with 7 in 1 filtration system

Very low noise levels

Complete control, with unique One Touch Personal comfort feature

Single and multi applications

Silent, reliable system

Toshiba DC Hybrid inverter technology combines two important control systems to ensure absolute comfort and maximised energy savings: PAM (Pulse Amplitude Modulation), that generates maximum power at start-up, and PWM (Pulse Width Modulation), that optimizes the efficiency once the ideal temperature has been reached.

Toshiba knows that sound level is one of the most important features for its customers: this is the reason why we've been trying to create an unobtrusive system, discreet and silent, that operates without any disturbance, for you, your family and your neighbours. This objective has been achieved! In fact, SKV Inverter high-wall is the most silent indoor unit in its category, with only 20 dB(A), even the outdoor unit provides extraordinarily low sound levels.

20
dB(A)*



Modern, compact design

This new high-wall is compact and stylish; its modern appearance makes it a perfect choice for any kind of room and its elegant white panel blends with all interior decor.



One Touch: Comfort is granted

The new easy-to-use SKV infrared control gives perfect control of all the functions.



Quiet Mode: the unit operates at ultra low fan speed.

Fan Speed: 5 fan speeds (plus Auto) can be selected.

One Touch Preset: it's possible to store the desired settings and activate them easily.

One Touch Personal Comfort: Toshiba knows the ideal settings for your comfort and has already stored them.

Technical specifications heat pump

Outdoor unit			RAS-10SAV-A	RAS-13SAV-A	RAS-16SAV-A	RAS-18SAV2-A	RAS-22SAV2-A
Indoor unit			RAS-10SKV-A	RAS-13SKV-A	RAS-16SKV-E	RAS-18SKV-A	RAS-22SKV-A
Cooling capacity	kW		2.5	3.5	4.5	5.0	6.0
Cooling range (min. – max.)	kW		1.1 – 3.0	1.1 – 4.0	0.8 – 5.0	1.1-6.0	1.2 – 6.7
Power input (min. – rated – max)	kW	C	0.255 – 0.750 – 0.965	0.250 – 1.070 – 1.330	0.150 – 1.595 – 1.900	0.15 - 1.42 - 2.000	0.200 – 1.995 – 2.650
EER	W/W		3.33	3.27	2.82	3.52	3.01
Energy Star Rating		C	★★★★★	★★★★★	★★★	★★★★★	★★★★★
Annual energy consumption	KWh		375	535	798	710	998
Heating capacity	kW		3.2	4.2	5.3	5.8	7.0
Heating range (min. – max.)	kW		0.9 – 4.1	0.9 – 5.0	0.9 – 6.2	0.9 - 6.2	1.0 – 7.5
Power input (min. – rated – max)	kW	H	0.200 – 0.860 – 1.200	0.170 – 1.130 – 1.480	0.150 – 1.550 – 1.810	0.15 - 1.56 - 1.700	0.180 – 2.050 – 2.210
COP	W/W		3.72	3.72	3.42	3.72	3.41
Energy Star Rating		H	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★
Indoor unit			RAS-10SKV-A	RAS-13SKV-A	RAS-16SKV-A	RAS-18SKV-E	RAS-22SKV-E
Air flow (max.)	m ³ /h l/s	C	522 – 145	563 – 156	691 – 192	954 – 265	1080 – 300
Sound pressure level (l/m/h)	dB(A)	C	29/33 / 38	26 / 33 / 39	30 / 40 / 45	32/38/44	35 / 41 / 47
Air flow (max.)	m ³ /h– l/s	H	576 – 160	630 – 175	743 – 206	990-275	1098/305
Sound pressure level (l/m/h)	dB(A)	H	30 / 35 / 40	28 / 34 / 40	31 / 40 / 45	32/39/44	35 / 42 / 47
Dimensions (h x w x d)	mm		250 x 740 x 195	275 x 790 x 205	275 x 790 x 205	320 X 1050 X 228	320 x 1050 x 228
Weight	kg		8.0	9.0	9.0	13	13.0
Outdoor unit			RAS-10SAV-A	RAS-13SAV-A	RAS-16SAV-A	RAS-18SAV-E	RAS-22SAV-E
Air flow	m ³ /h l/s		1620 – 450	2100 – 583	2100 – 583	1914-532	2232 – 620
Sound pressure level	dB(A)	C	48	48	49	49	52
Sound power level	dB(A)	C	61	61	62	64	67
Operating range	°C	C	-15 ~ 43	-10 ~ 46	-10 ~ 46	-10~ 46	-10 ~ 46
Sound pressure level	dB(A)	H	50	50	50	50	51
Sound power level	dB(A)	H	63	63	63	65	66
Operating range	°C	H	-10 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24
Dimensions (h x w x d)	mm		550 x 660 x 240	550 x 780 x 290	550 x 780 x 290	550 X 780 X 290	550 x 780 x 290
Weight	kg		29	35	35	39	40
Compressor type			DC Rotary	DC Rotary	DC Twin Rotary	DC Twin Rotary	DC Twin Rotary
Flare connections - gas	in		3/8	3/8	1/2	1/2	1/2
Flare connections - liquid	in		1/4	1/4	1/4	1/4	1/4
Minimum pipe length	m		1	1	1	2	2
Maximum pipe length	m		10	20	20	20	20
Maximum height difference	m		8	10	10	10	10
Chargeless pipe length	m		10	15	15	15	15
Power supply	V-ph-Hz		220-240/1/50	220-240/1/50	220-240/1/50	220/240/1/50	220-240/1/50
Electrical connection to			Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Recommended power cable size	mm ²		2.5	2.5	2.5	2.5	2.5
Interconnecting cable - no. and size	mm ²		4 / 1.0	4 / 1.0	4 / 1.0	4 / 1.0	4 / 1.0

C = cooling mode
H = heating mode

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