



***DAISEIKAI***

More than an air conditioner

**SKVR**



**4.18 EER**

## Toshiba experts reached perfection

The Daiseikai provides top performance and active air purification.

With its 4.18 EER, it brings high energy savings.

Now, with the new 5 kW and 6 kW sizes, the range is extended and can meet any requirement.



**PURE AIR, 10 TIMES FASTER!**

**Plasma Air Purifier**

It absorbs and eliminates particle pollutants such as dust, pollen and viruses.

**Air ioniser**

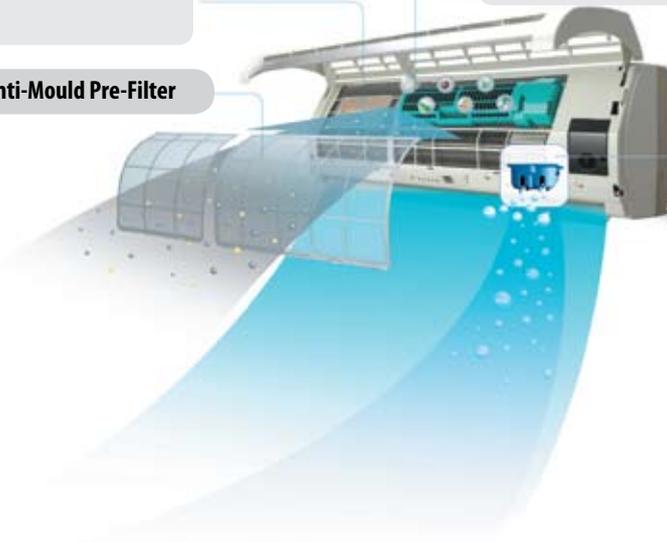
Generating 1 million negative ions for every square centimetre of air, it creates a pleasant sensation like that found in a forest or in the mountains.

**Anti-Mould Pre-Filter**

Combination between Coffee Bean Extract, Vitamin C and Super Zeolite filters, it works as an Anti Oxidant and Deodoriser.



The self-cleaning operation is designed to inhibit the growth of mould inside the air conditioner. This advanced system reduces moisture in the coils, to avoid proliferation of bacteria.





Low energy consumption, with 4.18 EER  
 High efficiency, thanks to the DC Hybrid Inverter compressor  
 Fast active filtration and purification  
 Super silent

## The benefits of Inverter technology

DC Hybrid Inverter technology saves you power and reduces energy costs (especially during off-peak times), it also helps reach your desired set temperature as fast as possible.

In addition, the super quiet outdoor unit operation makes the system very unobtrusive, ensuring total comfort.



\* measured at 2.5 m distance, at low speed.

## Personalised comfort

Toshiba has created useful new functions to meet the most demanding needs:

**One Touch Personal Comfort:** with this function, you don't need to select multiple settings.

**One Touch Preset:** you can memorise your preferred operating mode, temperature, timer, louver, fan speed and hi-power settings and with the touch of a button restore them at any time.



**Quiet function:** the indoor unit will operate at the lowest noise level – it shifts to super-low speed, reducing the sound level by a further 3 dB(A).

## Discreet and stylish unit

The Daiseikai is compact and elegant: its modern design is original and hi-tech. Its silver and white panel make it easy to integrate into any room interior and differentiate this model from any others.

In addition, a white panel is also available to meet a variety of requirements (for 10/13/16 SKVR).

### How effective is Daiseikai Plasma Air Purifier?

Daiseikai Plasma Air Purifier can collect tiny particles as small as 0.0001 micro metre.

### Does the Daiseikai Plasma Air Purifier work in the entire room?

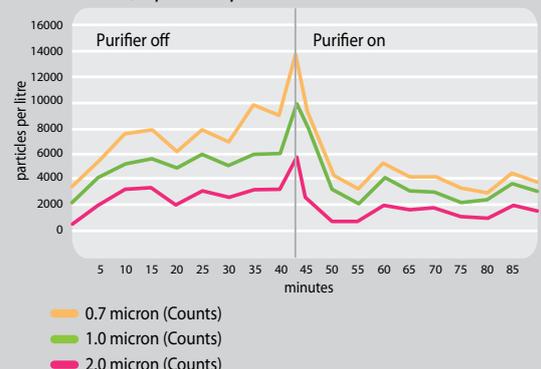
Yes. The Plasma Air Purifier can collect house dust in a room up to 21 m<sup>2</sup> within 30 minutes.

### Does the Plasma Air Purifier increase the electricity consumption of the unit? The Plasma Air Purifier consumes a very small amount of electricity.

The additional cost per month is equivalent to the cost of a can of Cola .

\* STUDY CONDITION:

8 hours in an office of 23 sqm, closed doors and windows, 3 persons present.



## Technical specifications heat pump

Outdoor unit			RAS-10SAVR-A	RAS-13SAVR-A	RAS-16SAVR-A	RAS-18SAV-E	RAS-22SAV-E
Indoor unit			RAS-10SKVR-A	RAS-13SKVR-A	RAS-16SKVR-A	RAS-18SKVR-E	RAS-22SKVR-E
Cooling capacity	kW		2.5	3.5	4.5	5.0	6.0
Cooling range (min. – max.)	kW		1.1 – 3.1	0.8 – 4.1	0.8 – 5.0	1.1 – 6.0	1.2 – 6.7
Power input (min. – rated – max.)	kW	C	0.250 – 0.598 – 0.820	0.150 – 1.000 – 1.250	0.150 – 1.395 – 1.720	0.180 – 1.420 – 2.000	0.200 – 1.995 – 2.650
EER	W/W		4,18	3.50	3.23	3.52	3.01
Energy Star Rating		C	★★★★★★	★★★★★★	★★★★★	★★★★★★	★★★★
Annual energy consumption	kW.hr		299	500	698	710	998
Heating capacity	kW		3.2	4.2	5.5	5.8	7.0
Heating range (min. – max.)	kW		0.9 – 4.8	0.9 – 5.8	0.9 – 6.9	0.8 – 6.3	1.0 – 7.5
Power input (min. – rated – max.)	kW	H	0.170 – 0.750 – 1.400	0.150 – 1.080 – 1.640	0.150 – 1.520 – 1.980	0.140 – 1.560 – 1.700	0.180 – 2.050 – 2.210
COP	W/W		4.27	3.89	3.62	3.72	3.41
Energy Star Rating		H	★★★★★★	★★★★★★	★★★★★	★★★★★★	★★★★
Indoor unit			RAS-10SKVR-A	RAS-13SKVR-A	RAS-16SKVR-A	RAS-18SKVR-E	RAS-22SKVR-E
Air flow (max.)	m <sup>3</sup> /h – l/s	C	515 – 143	540 – 150	686 – 191	942 – 262	1062 – 295
Sound pressure level (high/low/quiet)	dB(A)	C	38/26/23	39/26/23	45/30/27	44/32/29	47/35/32
Air flow (max)	m <sup>3</sup> /h – l/s	H	571 – 159	614 – 171	735 – 204	972 – 270	1080/300
Sound pressure level (high/low/quiet)	dB(A)	H	39/28/25	40/28/25	45/31/28	44/32/29	47/35/32
Dimensions (h x w x d)	mm		275 x 790 x 205	275 x 790 x 205	275 x 790 x 205	320 x 1050 x 228	320 x 1050 x 228
Weight IU	kg		9.0	9.0	9.0	13.0	13.0
Outdoor unit			RAS-10SAVR-A	RAS-13SAVR-A	RAS-16SAVR-A	RAS-18SAV-E	RAS-22SAV-E
Air flow	m <sup>3</sup> /h – l/s		1800 – 500	2250 – 625	2160 – 600	1914 – 532	2232 – 620
Sound pressure level (high/low)	dB(A)	C	46	48	49	49	52
Sound power level (high/low)	dB(A)	C	59	61	62	64	67
Operating range	°C	C	-10 ÷ 46	-10 ÷ 46	-10 ÷ 46	-10 ÷ 46	-10 ÷ 46
Sound pressure level (high/low)	dB(A)	H	47	50	50	50	51
Sound power level (high/low)	dB(A)	H	60	63	63	65	66
Operating range	°C	H	-15 ÷ 24	-15 ÷ 24	-15 ÷ 24	-15 ÷ 24	-15 ÷ 24
Dimensions (h x w x d)	mm		550 x 780 x 290				
Weight	kg		35	35	39	39	40
Compressor type			DC Rotary	DC Twin 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		2	2	2	5	5
Maximum pipe length	m		20	20	20	20	20
Maximum height difference	m		10	10	10	10	10
Chargeless pipe length	m		15	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 / Recommended cable size	mm <sup>2</sup>		Outdoor / 2.5				
Interconnecting wires - no. and size	mm <sup>2</sup>		4 / 1.0	4 / 1.0	4 / 1.0	4 / 1.0	4 / 1.0

C = cooling mode  
H = heating mode

**TOSHIBA** proudly distributed by:

**Carrier Air Conditioning NZ Ltd**

**60 Stanley Street, Parnell, Auckland**  
Tel: 09 3556720 Fax: 09 3556735

**Unit 1/87 Gasson Street, Christchurch**  
Tel: 03 3790894 Fax: 03 3790897

**0800 773399**  
**info@toshiba-air.co.nz**

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