

TOSHIBA

Leading Innovation >>>



When technology meets comfort
RESIDENTIAL PRODUCT LINE

RESID

Residential

>> A step beyond well being

> Inverter technology

The efficiency of an inverter air conditioner is determined by the efficiency of each component: the control electronics, the motor, and the compressor. Toshiba has focused its attention on all of these components.

> The mission? Improved indoor air quality

Comfort in the home means much more than just controlling the temperature. Because of this, Toshiba is an excellent investment for the enhanced well-being of the family environment. One of Toshiba's research objectives is the continuous introduction of new ways to eliminate air pollutants in the residential air conditioning sector.

> Filtration

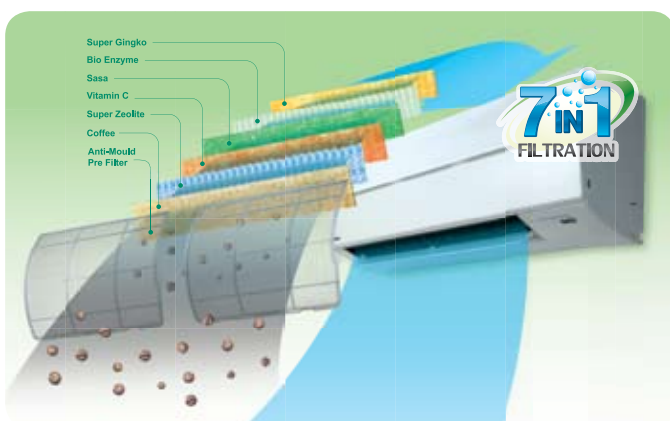
Purity without Compromise

Toshiba's 7-in-1 Filtration System helps stop airborne impurities from reaching you and your loved ones. Featuring coffee-bean extract, Vitamin C, Super Zeolite, Super Ginkgo and several other sophisticated filtration agents, this is technology for someone who cares enough to use the very best.

Self-Cleaning Process

When you turn off your air conditioner, an internal fan automatically activates to dry out the coil. This helps to reduce moisture which causes mould to form.

20 minutes of fan operation dries moist air after shut down, reducing mould formation.



> Care for users

The benefits of Toshiba's refined designs include flexibility in application, low operating sound levels, improved indoor air quality and all-around comfort. This comfort is a result of precise temperature control thanks to inverter technology. The inverter ensures that the required temperature of the occupant is reached quickly and is maintained – eliminating temperature fluctuations often experienced with non-inverter systems.

> Remote controls



Suitable for:
SKV - Inverter Hi-Wall

- **One-touch Preset**

The One-touch Preset memory allows the user to store their preferred comfort settings, and restore all of them at the simple touch of a button.

- **One-touch Auto Mode**

Press the auto button to set the system into fully automatic mode. Your air conditioner will automatically choose the best settings to quickly achieve and maintain your desired temperature.

- **Five Selectable Fan Speeds plus Auto**

Choose your desired airflow from the five fan speeds or select the Auto Fan Speed mode and let the air-conditioner select it for you.

- **Operating Modes**

Select the Operating Mode: Cooling, Dry Mode (Dehumidification), Fan only, Heating (only for heat pump model) or Auto Change over.

- **Quiet Mode**

By pressing the "Quiet" button on the remote control, the indoor unit will only operate at super low fan speed, reducing the sound of the indoor unit by 3db.

- **Auto Swing or Fixed Louvre Position**

Select your preferred airflow distribution: "Fix" to choose any one of the 12 louvre positions that you prefer or "Swing", to move smoothly between all positions for a comfortable air flow.

- **Real Time - On/Off Timer - Repeat Timer**

The Real Time On/Off Timer provides easy-to-set on and off operating times. The Repeat Timer allows for automatic repetition of the timer settings every 24 hours.

- **Auto Diagnosis**

The unit is equipped with a 36 Code Auto Diagnosis system that constantly monitors all main functions and components of the system to enable maintenance scheduling.

- **Eco-logic**

The Eco-logic mode achieves energy savings compared to the standard operation mode, whilst improving your comfort by automatically increasing the temperature setting.

- **Hi-Power**

Select "Hi-Power" for extra airflow, to cool you faster than standard operation.

- **Comfort Sleep**

The temperature during the night is normally cooler than during the day. By pressing the "Comfort Sleep" button (in cooling mode) the room temperature will be allowed to rise by one degree per hour for two or three hours, providing you with improved comfort whilst asleep.



- └ R410A
- └ DC HYBRID INVERTER



> SKV Inverter and Digital Inverter Hi-wall Residential

- └ Zeolite + Sasa Filters
- └ Bio-Enzyme + Gingko Filters
- └ One-touch Preset Memory
- └ Hi-power
- └ Washable Front Panel
- └ 12 Step Louvre Positions
- └ One-touch Auto
- └ Quiet Mode
- └ Comfort Sleep
- └ Sleep Timer
- └ Eco Mode
- └ Real Time
- └ Auto Diagnostics and Self-cleaning Function

Innovative technology, ingenious features and attractive design - Toshiba's SKV raises the standard of air conditioning yet again with a new level of comfort.

Comfort comes with the whisper-quiet operation and optimum airflow management system, whilst the new filtration system allows you to breathe cleaner air.

Key features

New enhanced aesthetic and slimline design.

Enhanced 7-in-1 Filtration:

Super Steriliser filter with Sasa, Bio-Enzyme + Super Gingko; Super Oxi Deo filter with Vitamin C, coffee bean extract + Super Zeolite; Active Carbon + Catechin filter to deodorise and purify.

Latest Digital Hybrid Inverter technology for increased energy efficiency, optimised comfort and superior reliability.

One-touch Preset Memory: to recall your favourite settings.

Low Noise Level: operation at 29dB(A) in cooling only mode (size 10) for comfortable nights.

Hi-power: lowers temperature and increases fan speed to get to the desired temperature faster.



(SKV-A)

Technical specifications reverse cycle (R410A)

Indoor			RAS-10SKV-A	RAS-13SKV-A	RAS-16SKV-A	RAS-22SKV-E
Outdoor			RAS-10SAV-A	RAS-13SAV-A	RAS-16SAV-A	RAS-22SAV-E
Cooling capacity - rated	CO	kW	2.50	3.50	4.50	6.0
Cooling capacity - range	CO	kW	1.10 ~ 3.00	1.10 ~ 4.00	0.80 ~ 5.00	1.20 ~ 6.70
Power input (min ~ rated ~ max)	CO	kW	0.26 ~ 0.75 ~ 0.97	0.25 ~ 1.07 ~ 1.33	0.15 ~ 1.64 ~ 1.90	0.20 ~ 2.00 ~ 2.65
Operating current (min ~ rated ~ max)	CO	A	1.50 ~ 3.30 ~ 4.25	1.30 ~ 4.64 ~ 5.65	0.89 ~ 6.95 ~ 8.08	1.18 ~ 8.90 ~ 11.78
EER (min ~ rated ~ max)	CO		4.31 ~ 3.33 ~ 3.11	4.40 ~ 3.27 ~ 3.01	5.33 ~ 2.74 ~ 2.63	6.00 ~ 3.01 ~ 2.53
Heating capacity - rated	RC	kW	3.20	4.20	5.30	7.00
Heating capacity - range	RC	kW	0.90 ~ 4.10	0.90 ~ 5.00	0.90 ~ 6.90	1.00 ~ 7.50
Power input (min ~ rated ~ max)	RC	kW	0.20 ~ 0.86 ~ 1.20	0.17 ~ 1.13 ~ 1.48	0.15 ~ 1.55 ~ 1.81	0.18 ~ 2.05 ~ 2.21
Operating current (min ~ rated ~ max)	RC	A	1.19 ~ 3.77 ~ 5.26	0.89 ~ 4.90 ~ 6.29	0.89 ~ 6.59 ~ 7.62	1.07 ~ 9.14 ~ 9.85
COP (min ~ rated ~ max)	RC		4.50 ~ 3.72 ~ 3.42	5.29 ~ 3.72 ~ 3.38	6.00 ~ 3.42 ~ 3.43	5.56 ~ 3.41 ~ 3.39
Indoor Unit						
Airflow volume (h/l)	CO	l/s	145 / 100	157 / 90	192 / 103	300 / 183
Mositure removal		l/hr	1.50	3.20	2.50	3.50
Sound pressure (h/l)	CO	dBA	38 / 29	39 / 29	45 / 30	47 / 33
Dimension (HxWxD)		mm	250 x 740 x 195	275 x 790 x 205	275 x 790 x 205	320 x 1050 x 228
Net weight		kg	9	9	9	13
Sound power (h/l)	CO	dBA	51 / 39	52 / 39	58 / 43	62 / 48
Fan motor output		W	20	20	30	30
Outdoor Unit						
Dimension (HxWxD)		mm	530 x 660 x 240	550 x 780 x 290	550 x 780 x 290	550 x 780 x 290
Net weight		kg	29	35	35	40
Sound pressure	CO	dBA	48	48	49	52
Operating range	CO	°C	15 ~ 43	-10 ~ 46	-10 ~ 46	-10 ~ 46
Sound pressure	RC	dBA	50	50	50	51
Operating range	RC	°C	-10 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24
Sound power (h/l)	CO	dBA	61	61	62	66
Pipe Size						
Liquid side		mm/inch	6.35 / 1/4"	6.35 / 1/4"	6.35 / 1/4"	6.35 / 1/4"
Gas side		mm/inch	9.52 / 3/8"	9.52 / 3/8"	12.70 / 1/2"	12.70 / 1/2"
Maximum piping length		m	10	20	20	20
Maximum piping height difference		m	8	10	10	10
Chargeless length		m	10	15	15	15
Compressor type			DC Single Rotary	DC Single Rotary	DC Twin Rotary	DC Twin Rotary
Power supply		V/ph/Hz	240/1/50	240/1/50	240/1/50	240/1/50



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