

# TOSHIBA

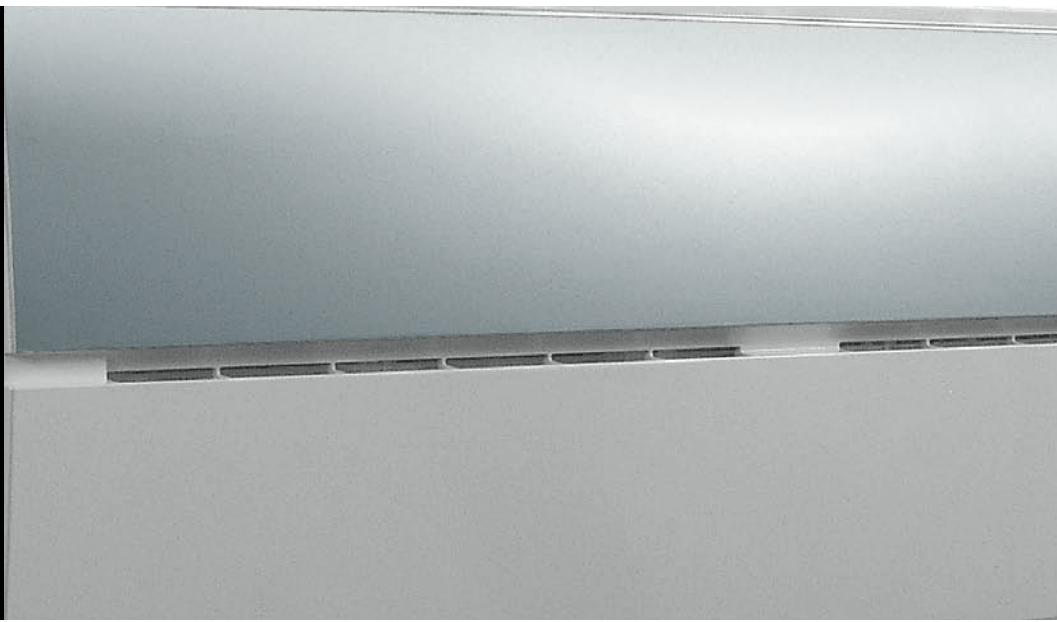
Leading Innovation >>>



Daiseikai SKVR  
RESIDENTIAL PRODUCT LINE

# RESIDENCE

- † R-410A
- † DC HYBRID INVERTER
- † SINGLE/MULTI-SPLIT
- † AIR PURIFICATION



- † Active Filtration and Air Purification
- † Air Ioniser and Zeolite Plus
- † Automatic Operation Self-cleaning
- † Auto-diagnosis System
- † Modern Design with Aluminium Flat Panel

## Daiseikai SKVR Inverter Hi-wall

### Features

A new member of the Toshiba Inverter family, provides top performance in energy saving, active air purification and comfortable indoor climate creation.

### Key features

Very high efficiency in cooling and heating to guarantee the lowest energy cost.

#### Plasma Air Purifier (PAP):

10 times active filtration and air purification with double freshness: Purifies air 10 times faster, odours are removed in 30 minutes.

Ioniser delivers an energising current of air and zeolite plus deodorises and removes bacteria.

Extremely low noise for both indoor and outdoor units.

One-touch personal comfort to enable users to programme their preferred settings.

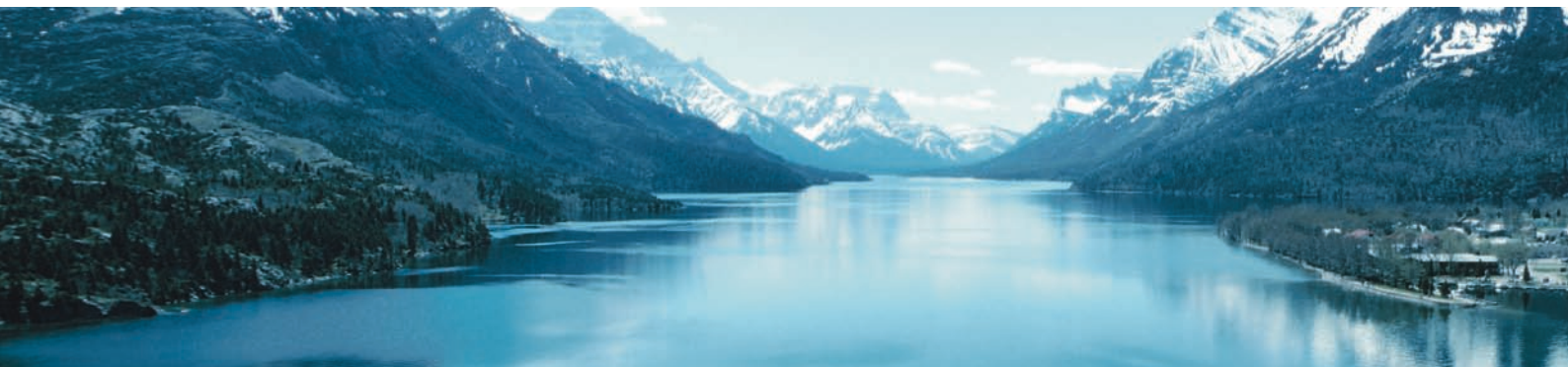
DC Hybrid Inverter technology with PAM and PWM.

Low temperature operation  
- 15°C in heating and up to 46°C in cooling.



## Technical specifications high tier (R410A)

Indoor			RAS-10SKVR-A	RAS-13SKVR-A	RAS-16SKVR-A
Outdoor			RAS-10SAVR-A	RAS-13SAVR-A	RAS-16SAVR-A
Cooling capacity - Rated	CO	kW	2.50	3.50	4.50
Cooling capacity - Range	CO	kW	1.10 ~ 3.10	0.80 ~ 4.10	0.80 ~ 5.00
Power input (min ~ rated ~ max)	CO	kW	0.25 ~ 0.60 ~ 0.82	0.15 ~ 1.02 ~ 1.25	0.15 ~ 1.41 ~ 1.72
Operating current (min ~ rated ~ max)	CO	A	1.30 ~ 2.77 ~ 3.60	0.89 ~ 4.47 ~ 5.43	0.89 ~ 6.00 ~ 7.31
EER (min ~ rated ~ max)	CO		4.40 ~ 4.18 ~ 3.78	5.33 ~ 3.43 ~ 3.28	5.33 ~ 3.19 ~ 2.91
Heating capacity - Rated	RC	kW	3.20	4.20	5.50
Heating capacity - Range	RC	kW	0.90 ~ 4.80	0.90 ~ 5.80	0.90 ~ 6.90
Power input (min ~ rated ~ max)	RC	kW	0.17 ~ 0.75 ~ 1.40	0.15 ~ 1.09 ~ 1.64	0.15 ~ 1.52 ~ 1.98
Operating current (min ~ rated ~ max)	RC	A	0.89 ~ 3.36 ~ 5.95	0.89 ~ 4.80 ~ 6.97	0.89 ~ 6.46 ~ 8.33
COP (min ~ rated ~ max)	RC		5.29 ~ 4.27 ~ 3.43	6.00 ~ 3.85 ~ 3.54	6.00 ~ 3.62 ~ 3.48
<b>Indoor Unit</b>					
Airflow volume (h/l)	CO	l/s	143 / 83	150 / 90	190 / 103
Moisture removal		l/hr	1.50	2.00	2.50
Sound pressure (h/l)	CO	dBA	38 / 26	39 / 26	45 / 30
Dimension (HxWxD)		mm	275 x 790 x 205	275 x 790 x 205	275 x 790 x 205
Net weight		kg	9.00	9.00	9.00
Sound power (h/l)	CO	dBA	51 / 39	52 / 39	58 / 43
Fan motor output		W	20	20	30
<b>Outdoor Unit</b>					
Dimension (HxWxD)		mm	550 x 780 x 290	550 x 780 x 290	550 x 780 x 290
Net Weight		kg	35	35	39
Sound pressure (h/l)	CO	dBA	46	48	49
Sound power	CO	dBA	59	61	62
Operating range	CO	°C	-10 ~ 46	-10 ~ 46	-10 ~ 46
Sound pressure (h/l)	RC	dBA	47	50	50
Operating range	RC	°C	-15 ~ 24	-15 ~ 24	-15 ~ 24
<b>Pipe size</b>					
Liquid side		mm/inch	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"
Maximum piping length		m	20	20	20
Maximum piping height difference		m	10	10	10
Chargeless length		m	15	15	15
Compressor type			DC Single Rotary	DC Twin Rotary	DC Twin Rotary
Power supply		V/ph/Hz	240/1/50	240/1/50	240/1/50



### † Warranty

Toshiba have a reputation for product quality, and one way to demonstrate our confidence in Toshiba Air Conditioning is our 5 year parts and labour warranty from date of installation for products used in residential applications. For comprehensive warranty information, please contact our service.



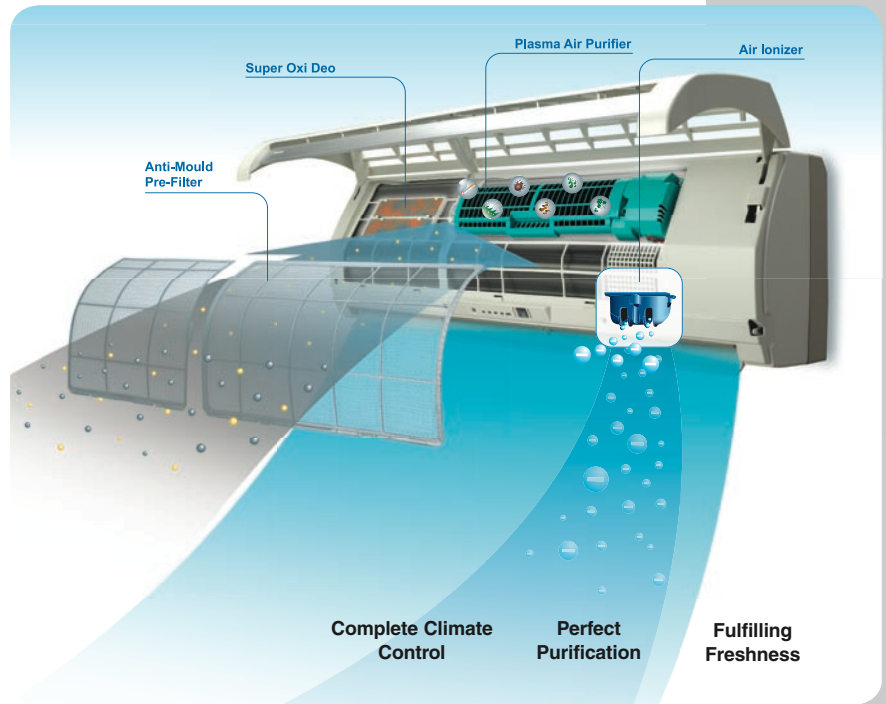
# Filtration

## Perfect Purification

Make your home a hideaway from dirt and discomfort. The innovative Toshiba Plasma Air Purifier (PAP) uses 10x Active Purification technology to trap harmful viruses, bacteria allergens and particles as small as 0.0001 of a micron (or a micrometre).

## Double Freshness

Negative ions create a fresh and healthy environment to refresh and relax you, while the Super Oxi Deo Filter makes unpleasant smells a thing of the past and removes harmful oxidants that can damage healthy cells.



# Remote Controls

- **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 of up to 25% 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.



# TOSHIBA

## Leading Innovation >>>

Notice: Toshiba is committed to continuously improving its products, to ensure the highest quality and reliability standards, and to meet local regulations and market requirements. All features and specifications subject to change without prior notice. Part number 60509 Date: August 2007 Equipment rated in accordance with MEPS AS 3823.3 - 2007 E&OE

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