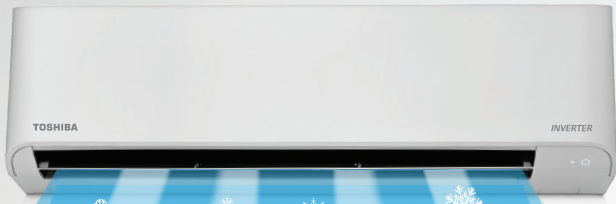


# TOSHIBA

## Japanese Inverter Technology - Pioneered by TOSHIBA



- > **MORE COMFORT, MORE SAVINGS**
- > **Highest Airflow in the Industry**



*Better Air Solutions*

UP TO **50%**  
ENERGY SAVINGS



**2.5**  
Years Payback



**IAQ**  
Filter



**Japanese**  
Technology



**5**  
Speeds Fan



**Fireproof Electrical**  
Enclosure



**Wi-fi**  
Control

\*Terms and conditions apply

# TOSHIBA



## Better Air Solutions

Through our commitment to world-class efficiency, versatile scalability and leading quality, Toshiba Air Conditioning advances leading-edge technologies to find the most forward-thinking solutions possible for your world.



### Corrosion Resistance\*

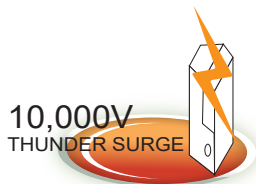
Toshiba's provide exceptional durability for use in coastal and desert regions where the outdoor units casing of air conditioners are exposed to a high risk of corrosion.

\* Coating of CDU casing coating salt spray CCT test 1000 Hr JISH8502 standard.

Color of CDU casing weather resistance test JISK5400 2000 Hr. (light only 63°C H 50%, light+Spray 38°C H95%)

### Wider Ambient operation

Toshiba's designed to well and smoothly operate at higher ambient temperature up to 54°C, this 54°C is the wider cooling operation range. Which Toshiba tested to ensure the products keep high reliability.



150°C  
COMPRESSOR  
POWER LEAD



54°C  
AMBIENT

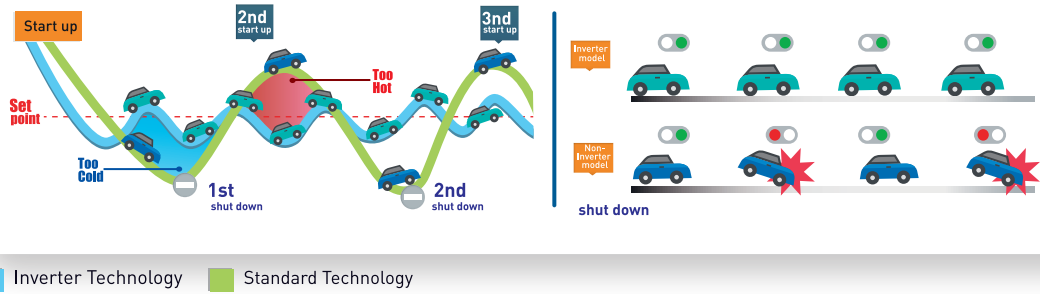


CORROSION  
RESISTANCE



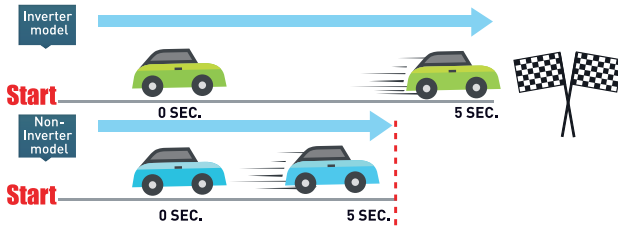
# Toshiba Inverter Technology

## 01 Temperature Control



# 4C Cost Saving

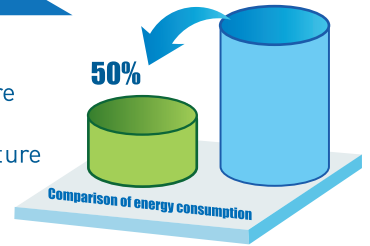
## 02 Faster Cooling



## 03 Energy Saving

Testing Condition

- Indoor Temperature : Setting at 25
- Ambient Temperature : At 35

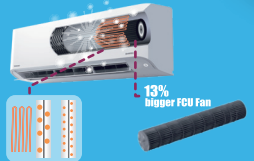


# 4Cool & Comfort

## Maximum Air Flows for a wider room

With 13% bigger FCU (Fan Coil Unit) fan combined with 10% increase in Heat-transfer surface from the new Toshiba Inverter Air Conditioner, the result is maximum air flows that cool the entire room quickly.

Heat transfer surface increase by 10%



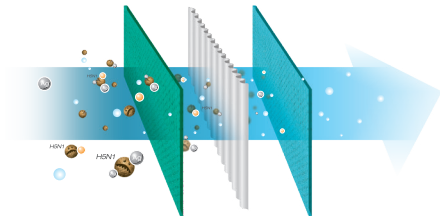
## 11 Louver Settings

Efficient airflow with 11 louver settings, Toshiba Air Conditioner allows you to adjust the airflow precisely to the position that gives you the greatest comfort.



17 Meter Maximum Air Flows for a wider room

## Technology for health through



TOSHIBA IAQ Filter

## Toshiba IAQ\* filter

Toshiba IAQ's technology is able to seriously inhibit the reproductive ability of harmful bacteria and viruses such as H5N1 Avian Influenza. With Toshiba IAQ, your family can breathe easy and your house will look like as if it has been spring cleaned.



## Anti Bacteria and anti virus

- Anti bacteria\* : destroys up to 99.9% of bacteria
- Deodorizing power: Absorbs and decomposes smoke, ammonia, volatile organics, food smells and bad odors.
- Prevent mould formation: Inhibits the formation of mould and fungi.
- Anti virus\*\* : Avian Influenza virus

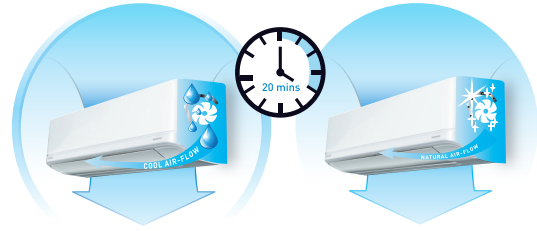
# TOSHIBA



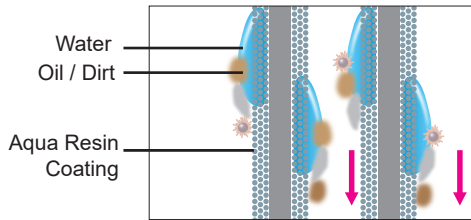
## Aqua Resin Coated Coil



## Self-cleaning System

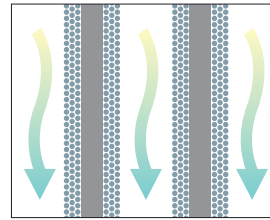


### Wash



Reduces water and oil formation and prevents dust sticking to the coil units.

### Dry



The fan operation after shut down helps dry water droplets to keep the coils dry and clean.

## Double the cleanness

Make your home with an air conditioner that reduces water and oil formation and prevents dust sticking to the unit, and with a self-cleaning function to extend the product life.

## Easy Maintenance

All the components are designed for easy maintenance both in removal and re-assembly. Step by step maintenance procedures have never been easier. With the simple cleaning method, service staff can easily re-assemble for cleaning because Toshiba Inverter Air Conditioner provides:

- Easily remove drainage pan with only 3 screws.
- Easily remove High-wall fan.



## Features



### QUIET

The indoor will operate at the lowest noise level. It shifts to super-low fan speed, thereby reducing the sound of the indoor unit.



### Hi POWER

For extra air flow intensity, cool down your room faster than ever!



### ECO LOGIC

ECO Logic button to reduce energy consumption by -25%.



### FAN SPEED

5 Fan speed with comfortable setting, plus Auto fan and Hi Power modes. You can choose from gentle airflow, right up to the full cooling of Hi Power mode.



### ON-OFF TIMER

Toshiba's design on-off time feature, which easy to use by choose hours before on or off your air conditioner.



### IAQ Filter

Eliminates H5N1 - Avian Influenza Virus, Mould, Bacteria, Virus and Odour.



### SELF CLEANING

Self-cleaning function that reduces damp and mold in the indoor unit coil. This ensures long-lasting performance and high quality air circulation.



### WIRELESS REMOTE



### EASY MAINTENANCE

Regular cleaning and maintenance will save your money and extend the life of air conditioner.



### AQUA RASIN COATED

Aqua resin coated coil can reduce the formation of a drop of water or oil on the coil unit also the dust is hardly to stick on coil.



### AUTO DIAGNOSIS

The 26 Code Auto Diagnosis monitors main functions and components for easy maintenance.



### FIREPROOF ELECTRICAL ENCLOSURE



### Preset

Store your desired settings and activate them at the touch of a button.

### Operating Mode

Select from Auto Changeover, Cooling, Drying (dehumidification), Heating.

### Fix & Swing

Select your optimum airflow by selecting from a range of Fixed and Swing louver positions.

### ECO

Achieve energy-savings of up to 25% compared with standard settings without sacrificing comfort.

### Comfort sleep

For optimum comfort, set the temperature to rise by 1°C after 1 hour, then another degree after 2 hours, which will be maintained until morning.

### Fan

5-Selectable Fan Speed plus Auto. Control your airflow with five fan speeds or select Auto Fan Speed to let your air conditioner do the thinking.

### Quiet mode

The indoor will operate at the lowest noise level. It shifts to super-low fan speed, thereby reducing the sound of the indoor unit by 3 dB compared with low power operation.

### High Power

Extra airflow to rapidly reach your desired temperature setting.

### On-Off timer

"on and off" timer can be set

### Auto Diagnosis





## Specifications

SYSTEM		Inverter Cooling Only (R410A)			Inverter Heat Pump (R410A)			
Model	Indoor unit	RAS-18PKCV2B	RAS-24PKCV2B	RAS-30PKCV2B	RAS-18PAV2B	RAS-24PAV2B	RAS-30PAV2B	
Outdoor unit		RAS-18PACV2B	RAS-24PACV2B	RAS-30PACV2B	RAS-18PAV2B	RAS-24PAV2B	RAS-30PAV2B	
Power supply	V/Ph/Hz	220-240/1/60			220-240/1/60			
Cooling capacity @T1 (Rated)	kW	5.28	6.48	7.39	5.28	6.48	7.39	
Cooling capacity @T1 (Max)	kW	5.83	7.10	9.0	5.83	7.10	9.0	
Cooling capacity @T3 (Rated)	kW	4.53	5.67	6.39	4.53	5.67	6.39	
Power consumption (T1/T3)	kW	1.46/1.86	1.83/2.32	2.08/2.58	1.46/1.86	1.83/2.32	2.08/2.58	
EER (T1/T3)	Btu/h./kW	12.35/8.35	12.10/8.35	12.12/8.45	12.35/8.35	12.10/8.35	12.12/8.45	
Heating capacity @H1 (Rated)			-		5.40	6.80	7.8	
Power consumption	kW		-		1.29	1.68	2.05	
COP	kW		-		4.19	4.05	3.8	
Indoor unit	Airflow (High/Mid/Low)	m <sup>3</sup> /h	1188/744/408	1398/774/444	1398/983/708	1188/744/408	1398/774/444	1398/983/708
	Sound pressure level (High/Mid/Low) - CO	dB(A)	49 / 45 / 37	50 / 46 / 38	54 / 47 / 41	49 / 45 / 37	50 / 46 / 38	54 / 47 / 41
	Dimension (HxWxD)	mm	320 x 1050 x 250	320 x 1050 x 250	320 x 1050 x 250	320 x 1050 x 250	320 x 1050 x 250	320 x 1050 x 250
	Net weight	kg	14	16	16	14	16	16
Outdoor unit								
Outdoor unit	Compressor type	Rotary			Rotary			
	Dimension (HxWxD)	mm	550 x 780 x 290	630 x 800 x 300	890 x 900 x 320	550 x 780 x 290	630 x 800 x 300	890 x 900 x 320
	Net weight	kg	39	47	68	39	47	68
Heat exchange material		Cu-Al	Cu-Al	Cu-Al	Cu-Al	Cu-Al	Cu-Al	
Pipe size	Liquid side	mm(inch)	6.35 (1/4")	6.35 (1/4")	15.88 (3/8")	6.35 (1/4")	6.35 (1/4")	15.88 (3/8")
	Gas side	mm(inch)	12.7 (1/2")	15.88 (3/8")	19.05 (5/8")	12.7 (1/2")	15.88 (3/8")	19.05 (5/8")
Refrigerant charge (R410A)	kg	1.45	1.90	2.35	1.45	1.90	2.35	
Max. pipe length	m	20	25	30	20	25	30	
Chargeless pipe length	m	15	15	15	15	15	15	
Max. pipe height	m	15	15	20	15	15	20	
Additional refrigerant charge	g/m	20	30	30	20	30	30	
Usable outdoor temp - CO	°C	21 ~ 54	21 ~ 54	21 ~ 54	21 ~ 54	21 ~ 54	21 ~ 54	
Usable outdoor temp - HP	°C		-		(-10) ~ 24	(-10) ~ 24	(-10) ~ 24	

### Cooling operation testing conditions:

	T1	T3
Indoor	27°C DB / 19°C WB	29°C DB / 19°C WB
Outdoor	35°C DB / 24°C WB	46°C DB / 24°C WB



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 are subject to change without prior notice.