

TOSHIBA

Residential Inverter Catalogue



5 REASONS TO BUY TOSHIBA AIR CONDITIONERS

1981
FIRST INVERTER-BASED
AIR CONDITIONER



1 DESIGNED FOR THE MIDDLE EAST

The PKCV Series by Toshiba is specifically designed to withstand the high ambient temperatures in the Middle East. Toshiba has thoroughly tested this series to ensure that it provides 100% comfort and reliable cooling even at ambient temperatures of up to 54°C.

2 QUIET PERFORMANCE

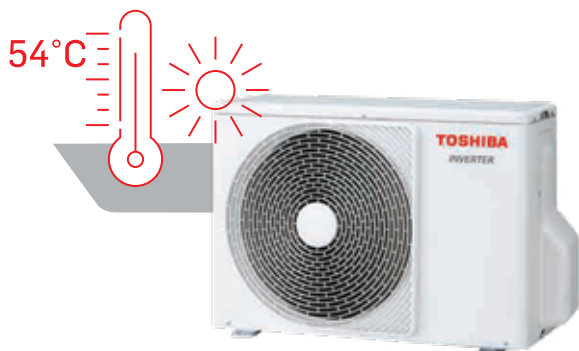
The overall experience of using Toshiba's PKCV is greatly improved with a quiet performance model. It allows users to enjoy the benefits of climate control without the inconvenience of noise levels.

3 TOP CLASS ENERGY EFFICIENCY

Toshiba air conditioner boasts a remarkable level of energy efficiency, setting it apart as a top-class performer. Engineered with cutting-edge technology, it maximizes cooling output while minimizing energy consumption.

150°C
COMPRESSOR
POWER LEAD

CORROSION
RESISTANCE

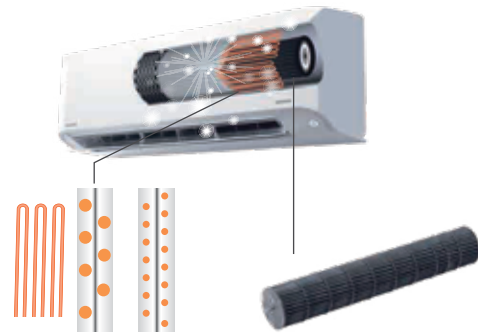




4 MAXIMUM AIR-FLOW FOR A LARGER ROOM

With a 13% bigger FCU (Fan Coil Unit) fan combined with 10% increase in heat-transfer surface, the Toshiba inverter Hi Wall offers industry leading air-flow and instant cooling.

17 Meter maximum air-flow for a wide room



Heat transfer surface increase by 10%

13% bigger FCU Fan

UP TO
70%
ENERGY SAVING


ECO LOGIC
to reduce energy consumption.



5 CLEAN AIR

Technology for Improved Health

Toshiba IAQ technology effectively prevents harmful bacteria and viruses like H5N1 Avian Influenza from reproducing. This means that your family can enjoy cleaner air and you and your living space will appear freshly cleaned.



Our advanced filtration system works on the following:



Anti-bacteria:

Destroys up to 99.9% of bacteria.



Deodorizing power:

Absorbs and decomposes smoke, ammonia, volatile organics, food smells and bad odors.



Mold Prevention:

Prevent mold formation and inhibits the formation of fungi.



Anti-virus:

Effective against Avian Influenza virus

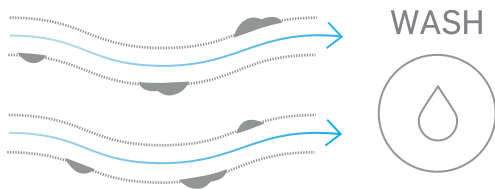
SELF CLEANING FUNCTION



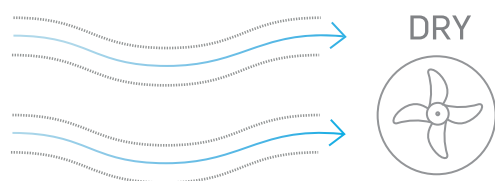
Aqua Resin Coated Coil



Self-cleaning operation in 20 mins.



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



Fan operation after shutdown helps dry water droplets and keeps the coils dry and clean.



Japanese Technology





SMART AIR CONDITIONER WiFi READY*

Download the Toshiba Home AC Control App and get started:

The Toshiba Home AC Control App lets you easily manage your surroundings' temperature. Accessible on your smartphone or tablet, the app works seamlessly with Toshiba PKCV inverter high-wall units for personalized temperature control anytime, anywhere.

Customise your comfort, at home or away

Take control of your home's temperature with our smart app. Enjoy perfect comfort anywhere, anytime without the need for a remote control.

Smart Connectivity

Our app allows you to easily manage your AC from any location. You can customize your AC schedule to align with your family's routine, which will help decrease your energy usage and cut down on your utility bill. The app is now available for Android users on Google Play and App Store for iOS.



**Optional accessory*



works with the
Google Assistant

WORKS WITH
amazon alexa



Download on the
App Store

ANDROID APP ON
Google play

TOSHIBA AC features
voice control functions
compatible with Google
Home Assistant
& Amazon Alexa

FEATURES



QUIET

The indoors will operate at the lowest noise level without compromising comfort.



Hi POWER

For extra airflow intensity to cool down your room faster than ever!



FAN SPEED

5 Fan speeds with a comfortable setting, plus Auto fan and Hi-Power modes. Choose from gentle airflow up to the Hi Power mode.



ON-OFF TIMER

The on-off timer makes it easy to program your air conditioner to switch on or off.



EASY MAINTENANCE

Saves money and extends life of the air conditioner.



AQUA RESIN COATED

Ensures better heat transfer and healthier airflow.



AUTO DIAGNOSIS

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



SELF CLEANING

Ensures long-lasting performance and improved IAQ.



11 LOUVER SETTINGS

Allows to adjust the airflow precisely to the position that gives efficient airflow for greatest comfort.



Specifications

System		Inverter Cooling Only (R410A)			Inverter Heat Pump (R410A)		
Model	Indoor unit	RAS-18PKCV2B1	RAS-24PKCV2B1	RAS-30PKCV2B1	RAS-18PKV2B1	RAS-24PKV2B1	RAS-30PKV2B1
	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)	BTU/h (kW)	18,000 (5.28)	22,100 (6.48)	25,200 (7.39)	18,000 (5.28)	22,100 (6.48)	25,200 (7.39)
Cooling capacity @T1 (Max)	BTU/h (kW)	19,900 (5.83)	24,220 (7.10)	30,700 (9.0)	19,900 (5.83)	24,220 (7.10)	30,700 (9.0)
Cooling capacity @T3 (Rated)	BTU/h (kW)	15,450 (4.53)	19,340 (5.67)	21,800 (6.39)	15,450 (4.53)	19,340 (5.67)	21,800 (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/W	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
	CFM	700/455/240	826/455/260	826/580/416	700/455/240	826/455/260	826/580/416
Airflow (High/Mid/Low)	m ³ /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							
Compressor type		Rotary	Rotary	Rotary	Rotary	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
Liquid side	mm(inch)	6.35 (1/4")	6.35 (1/4")	9.52 (3/8")	6.35 (1/4")	6.35 (1/4")	9.52 (3/8")
Pipe size as side	mm(inch)	12.7 (1/2")	15.88 (5/8")	15.88 (5/8")	12.7 (1/2")	15.88 (5/8")	15.88 (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

* The specifications may be subject to change without notice for purpose of improvement.

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



1.5TR



2.0TR



2.5TR



TOSHIBA

FEEL THE CHANGE

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.