

Presented to zaheer

Toshiba Hi-Wall

Inverter



TOSHIBA

About Us



Toshiba is a leader in the air conditioning market, differentiating itself from its competitors with the quality of its products.



A pioneer in inverter technology, we introduced the world's first split AC, microprocessor-controlled AC, as well as twin – rotary inverter AC.



We deliver remarkable technology and products with their innovation and artistry – contributing to a safer, more comfortable, more productive life.



Toshiba and Carrier had a global joint venture since 1999 for manufacture and sale of Toshiba branded air conditioning products before Carrier's acquisition of Toshiba in 2022.

TOSHIBA

Our Journey

Toshiba - Inventor of Inverter Air Conditioner

First
Inverter
Based AC



1980

1988



First Twin
Rotary
Compressor

First mini
VRF

2006



2000



DC Hybrid
Inverter

Inverter
Hi Walls
for India

2008



2009



Digital
Inverter
for India

Highest
Efficiency
1.5 TR Hi wall
for India

2018



2010



Stable Power
Inverter for
India

Localized by making in India

Fix Speed
Hi wall
for India

2019



2021



Inverter 3 Star
Hi wall
for India

Inverter 5 Star
Hi wall
for India

2023



TOSHIBA

Normal Vs Inverter Airconditioner

Normal AC



Constant
Start / Stop of AC



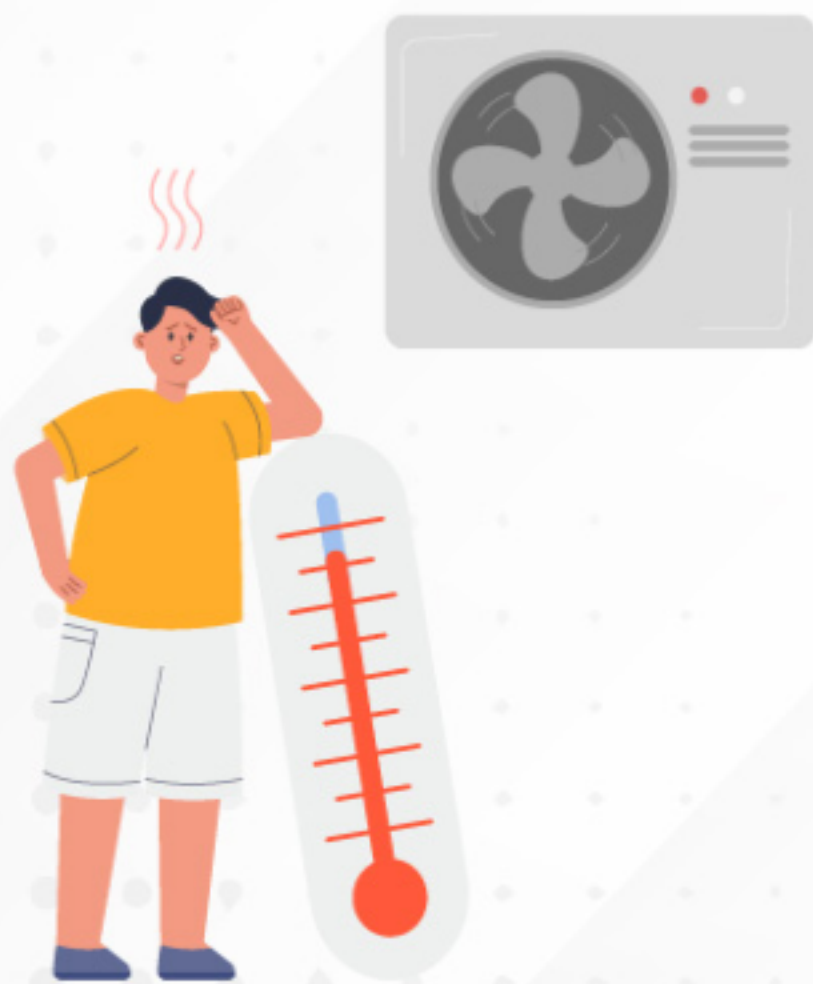
Too Hot /
Too Cold Room



High Power
Consumption



Uncomfortable
Environment



Inverter AC



Continuous Operation



Variable Speed



Precise Temperature



Comfortable
Environment



Part Load Operation



Power Savings



TOSHIBA

Toshiba Inverter Technology



Temperature Control



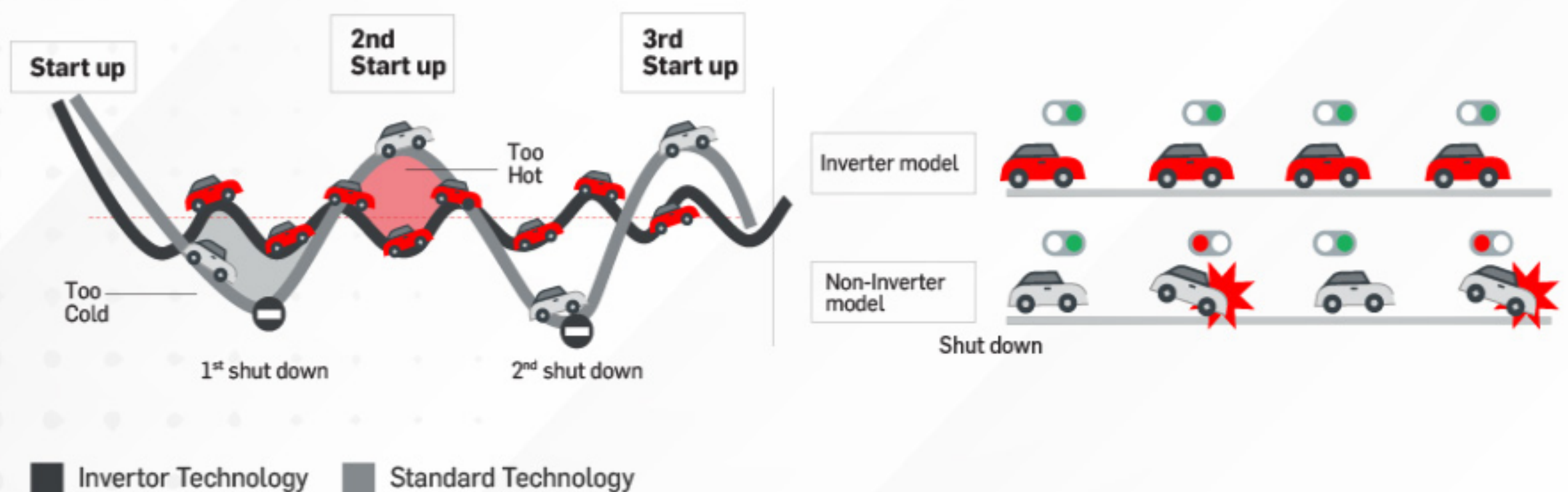
Built with inverter technology that enables precise temperature control by varying the speed of the compressor



Allows the air conditioner to adjust its cooling output to maintain the desired temperature within a room



Ability to operate at different speeds, leading to more consistent indoor temperatures and increased comfort



Toshiba Inverter Technology



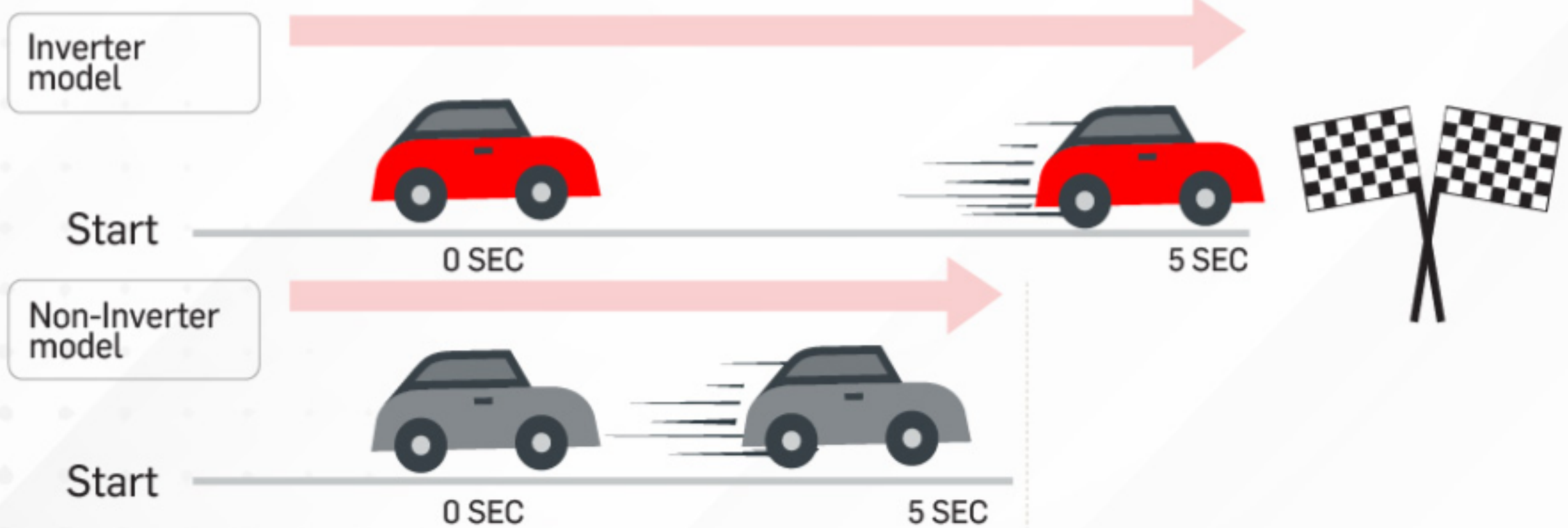
Faster Cooling



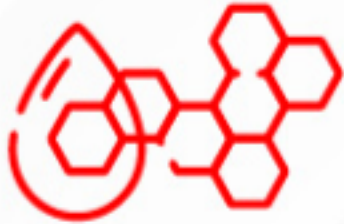
Rapidly brings room to the desired temperature with operation at maximum capacity immediately upon start-up



Modifies itself to a lower capacity upon reaching the desired temperature, eliminating the need for complete shutdown



Enhanced Durability



Equipped with advanced nano coating technology for corrosion-free life

Nanocoating shields the air conditioner from various forms of wear and tear on condenser side



Built in Hydrophilic Blue Fins contributing to extended machine life

Built with a copper coil heat exchanger to give homes a reliable cooling experience



Operates without an additional stabilizer in a voltage range of 160 V–265 V, ensuring stable operation and protection against voltage fluctuations

Efficient Cooling



Equipped with high airflow capabilities of up to 917 CFM

- Ensures rapid and effective cooling in large spaces
- Enables effective cross-space ventilation



DC Inverter Technology with Pulse Amplitude Modulation (PAM) and Pulse Width Modulation (PWM)

- PAM quickly brings the compressor to its maximum capacity to reach the desired temperature
- PWM maintains this temperature by varying the voltage to the compressor, ensuring consistent, energy-efficient operation
 - Efficient performance with quick and stable cooling
 - Combines comfort with high power



TOSHIBA

Efficient Cooling



Maximum cooling capability with choice of setting the air conditioner to operate at 100%, 75% or 50% current*

- Allows savings concerning electricity bills, power consumption or energy usage



Control over operating capacity with four available settings - C1, C2, C3, and C4 - to perfectly match your cooling needs**

- Enables cost savings on electricity bills, power usage, and energy consumption

*G3KCV - 3 Star series

**SKCV3SG - 3 Star series & G3KCV - 5 Star series



TOSHIBA

Efficient Cooling



Customizable cooling capacity to meet specific space and energy requirements

- Achieve optimal comfort and energy savings with intelligent operation using ON-OFF timer
- Can switch from full to lower capacity at night when temperatures are lower
- Customizable with up to four settings in a day, seven programs in a week

G3KCV 3 star



TOSHIBA

Monitored Cooling



Engaging temperature display



Features an easily readable temperature indicator, showing the set temperature on the panel

Displays room temperature with a long press of the 'Ambient' key**



**SKCV3SG - 3 Star series

**G3KCV - 5 Star series

TOSHIBA

Silent Performance



Operates quietly at 23 dB(A)*, with its specially designed incline fan blades



Ensure your comfort without the distraction of loud noises



Provides a peaceful indoor environment

*Selected models only



TOSHIBA

Toshiba Hi-wall Air-conditioner



Quiet Machine

Decibel Comparison

10 dB(A)	Breathing
23 dB(A)	Toshiba Hi-wall Inverter
25 dB(A)	Whisper of fabric moving
35 dB(A)	Hum of a refrigerator



*Quiet Mode

TOSHIBA

Advanced Air Purification

Includes a PM 2.5 filter that effectively filters out pollutants*



01

Provides a Self-Clean feature that facilitates the cleaning of the blower by preventing mold formation



02



03

Ensures functioning even after the system is shut down from handset

04



Ensures clean air with reduced maintenance requirement

05



Effectively dries moist air, eliminating odors

High Ambient Temperature Operation



Capable of operating efficiently even in extreme temperatures up to 52°C



Ideal for use in various climatic conditions without compromising on cooling performance



TOSHIBA

Personalised Comfort



Flexible swing operation

- Choose your desired airflow direction with the Swing Louver



Multiple fan speed modes

- Choose from gentle cooling to full cooling in high power mode with the five-fan speed option



TOSHIBA

Personalised Comfort



'Comfort Sleep' mode



Compensates for the naturally lower night air temperature

- Enhances your air conditioning experience and ensures comfortable sleep



Preset favorites feature for the ultimate convenience

- Easily store desired cooling settings
- Activate them at the push of a button



TOSHIBA

Easy Maintenance



Designed for easy removal and reassembly with step-by-step maintenance procedures



Ensures cost- and time-effective maintenance



Regular maintenance ensures fast cooling, energy saving and clean air

Eco-Friendly Technology



Uses R32 refrigerant, the environment-friendly air conditioning choice

- Helps reduce ozone layer damage, supports a sustainable future, and reduces global warming
- Significantly better than the R410A refrigerant









Global warming potential (GWP) - Measures how much heat a greenhouse gas traps in the atmosphere over a specific period

- Helps quantify the impact of different gases on global warming

R32 Refrigerant with lower global warming potential than **R410A**

Life Cycle Climate Performance		
	2.088	Around 1/3
ODP	0.00	0.00
	R410A (HFC)	R32 (HFC)

Models

Features	  		
	G3KCV5SG	SKCV3SG	G3KCV
Star Rating	 5 ★	 3 ★	 3 ★
Advanced PM 2.5 filter for clean air	✓	✗	✓
Engaging temperature Display	✓	✓	✗
4 setting preferred capacity	✓	✓	✗
100% current, 75 or 50% to save power	✗	✗	✓
Weekly Timer with Custom Settings	✗	✗	✓
Back lit without slider	✓	✓	✗
Backlit remote with slider	✗	✗	✓
Nano Coating Technology	✓	✓	✓
Hydrophilic Blue fins	✓	✓	✓
Self cleaning Mechanism	✓	✓	✓
R32 Refrigerant	✓	✓	✓
Stabilizer free operation	✓	✓	✓
Ambient Operation upto 52 DegC	✓	✓	✓

Specifications

Model	Indoor	RAS-13G3KCV5SG-IN	RAS-18G3KCV5SG-IN	RAS-24G3KCV5SG-IN
	Outdoor	RAS-13G3ACV5SG-IN	RAS-18G3ACV5SG-IN	RAS-24G3ACV5SG-IN
Capacity (Range)	(kW)	3.5 (1.1–4.2)	5.1 (1.5–5.4)	6.2 (2.4–6.8)
Power Consumption (Cooling)	(kW)	0.84	1.29	1.54
ISEER		5.15	5.10	5.24
Star Rating		5	5	5
Airflow (High-Power/ High/Medium/Low/Quiet)	CFM	471/363/342/317/168	659/515/489/473/356	917/839/644/601/446
Indoor Sound Pressure (High-Power/ High/Medium/Low/Quiet)	dB(A)	47/40/38/37/23	50/41/40/38/28	54/51/45/43/32
Outdoor Sound Pressure Level	dB(A)	56	57	60
Indoor Dimensions (HxWxD)	(mm)	295x800x230	295x1,000x230	330x1,100x250
Indoor Weight	(kg)	9.3	11.5	14
Outdoor Size (HxWxD)	(mm)	555x781x281	555x781x281	645x810x301
Outdoor Weight	(kg)	25.5	29	33.2
Liquid Pipe Size	(mm)	6.35	6.35	6.35
Gas Pipe Size	(mm)	12.7	12.7	15.88
Chargeless Pipe Length	(m)	15	15	15
Maximum Length	(m)	20	20	20
Maximum Height	(m)	12	12	12
Refrigerant		R32		

Notes:

Rated conditions: Indoor air temperature 27°C DB / 19°C WB, Outdoor air temperature 35°C DB.

Star rating as per the standards & labeling program of the Bureau of Energy Efficiency.

Airflow is measured at high fan speed.

TOSHIBA