

TOSHIBA
Carrier



Inverter hi-wall RAS system



High energy efficiency and complete air purification

Modern and compact design



This new high-wall is compact and stylish. Its flat panel design gives it a modern look, which makes it a perfect choice for any kind of room. While its elegant white panel can blend into all interior decorations.

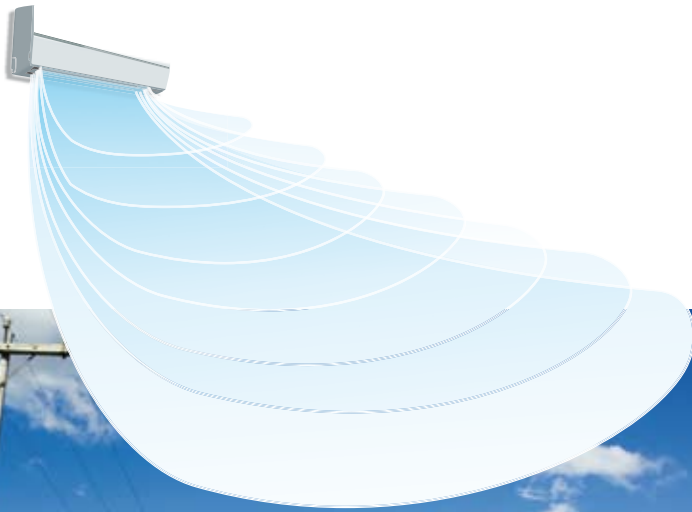


Powerful, precise and efficient air flow

With 12 louver settings, Toshiba-Carrier air conditioners allow you to adjust the airflow precisely to the position that gives you the greatest comfort. Alternatively, use the swing feature to distribute air evenly throughout the room.

The RAS series has 7 fan-speed settings, including Auto Fan and Hi-Power modes.

Choose from a gentle airflow right up to the full cooling or heating of Hi-Power mode, which provides maximum comfort instantly.



Efficient and Reliable

Up to 23 SEER

Quality has always been Toshiba-Carrier's strength and will remain the trademark that will differentiate Toshiba-Carrier air conditioners from the competition.



This inverter high-wall is Energy-Star rated in 4 sizes and, with the DC Hybrid Inverter, it provides high energy savings: up to 23 SEER.

The RAS series high-wall is available in 5 capacities ranging from 9,000 to 21,400 BTUH.

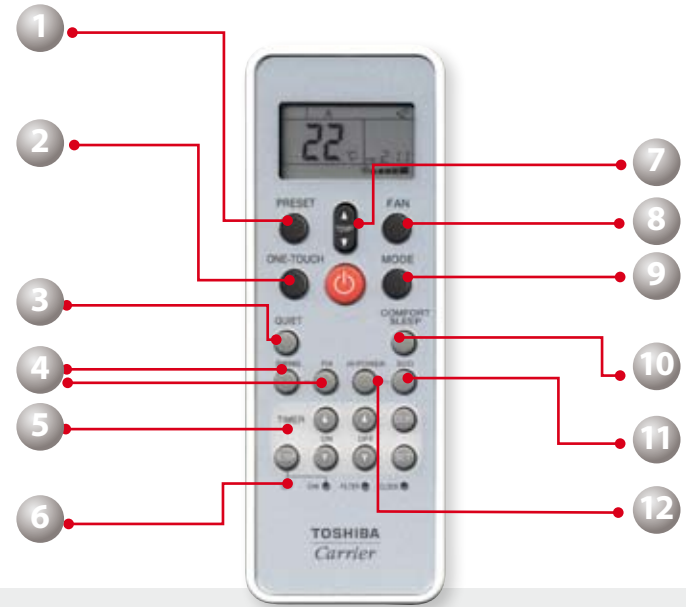


Total control

The new easy-to-use Toshiba-Carrier remote control is as carefully designed as the rest of the system to ensure perfect control of all the functions. Frequently used buttons are placed at the top, while feature buttons are laid out in user-friendly zones.

The One Touch My Comfort features customized temperature and airflow settings, which will deliver you ultimate comfort with one simple push of the button.

When you activate the Comfort Sleep feature, your air-conditioning system will compensate for naturally lower night air temperatures so you can sleep in complete comfort.



1. One Touch Preset

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



2. One Touch My Comfort

Toshiba-Carrier has conducted extensive studies to assess customer behavior in order to offer a combination of features that is ideal for you



3. Quiet

The indoor unit will operate at the lowest noise level. It shifts to super-low fan speed, thereby reducing the sound of the indoor unit by up to 2dB



4. Swing & Fix Louver

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



5. Timer

Set on and off times or program a setting to repeat every 24 hours



6. Auto Diagnosis



7. Temperature Adjustment



8. Fan Speed

Control your airflow with five fan speeds or select Auto Fan Speed to let your air conditioner do the thinking



9. Operating Mode

Select from Auto Changeover, Cooling, Drying (dehumidification), Fan Only or Heating (only on heat pump models)



10. Comfort Sleep

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



11. Eco-Logic



12. Hi-Power

Extra airflow to rapidly reach your desired temperature setting

One of the quietest indoor units in its category

Super quiet function

A button is available on the remote controller, which will shift the operating mode of the unit to a super-low speed resulting in sound levels as low as 25 dB(A).

QUIET



Toshiba-Carrier inverter technology

Toshiba-Carrier DC hybrid inverter technology controls the capacity supplied by the air conditioner. By modifying the supply current frequency or intensity, it ensures smooth linear variation of the rotation speed and capacity of the compressor – the heart of the air conditioner. This allows the cooling and heating capacities to be matched to the actual operating conditions required. When the room temperature is different from the set point, the air conditioner operates at maximum capacity, ensuring that a comfortable temperature will be reached quickly. Once the desired temperature is reached, the inverter precisely adjusts the capacity to maintain a temperature close to the set point.



Technical specifications heat pump

System	RAS-09LAV-UL	RAS-12LAV-UL	RAS-15LAV-UL	RAS-17LAV-UL	RAS-22LAV-UL
Outdoor Model	RAS-09LAV-UL	RAS-12LAV-UL	RAS-15LAV-UL	RAS-17LAV-UL	RAS-22LAV-UL
Indoor Model	RAS-09LKV-UL	RAS-12LKV-UL	RAS-15LKV-UL	RAS-17LKV-UL	RAS-22LKV-UL
Cooling Rated Capacity BTUH	9,000	12,000	15,000	16,200	21,400
SEER	20	23	20	19	15.5
Heating Rated Capacity BTUH	10,800	14,200	18,000	20,200	23,200
HSPF	10.0	9.7	9.0	9.0	9.0
Wireless (°C, °F, Convertible)	Standard - Convertible				
Wired (°C, °F, Convertible)	Not Available				
Cooling Outdoor Min - Max DB °F	14 - 115	14 - 115	14 - 115	14 - 115	14 - 115
Heating Outdoor WB Min - Max °F	5 - 75	5 - 75	5 - 75	5 - 75	5 - 75
Cooling Indoor DB Min -Max °F	70 - 90	70 - 90	70 - 90	70 - 90	70 - 90
Heating Indoor DB Min -Max °F	32 - 82	32 - 82	32 - 82	32 - 82	32 - 82
Total Piping Length ft.	66	66	66	66	66
Piping Lift ft.	33	33	33	33	33
Voltage	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60
Power Supply	Indoor connected from outdoor unit				
Outdoor Unit					
Outdoor - MCA	10	13	13	13	15
Outdoor - Fuse Rating (MOCP)	15	20	20	20	25
Dimensions (w x h x d) In	30.7 x 21.7 x 11.4	30.7 x 21.7 x 11.4	30.7 x 21.7 x 11.4	30.7 x 21.7 x 11.4	30.7 x 21.7 x 11.4
Net Weight (lbs.)	75	88	91	91	93
Sound Pressure dBA (Clg / Htg)	47 / 47	50 / 50	51 / 51	52 / 52	53 / 53
Indoor Unit					
Dimensions (w x h x d) In	31.1 x 10.8 x 8.0	31.1 x 10.8 x 8.0	41.3 x 12.5 x 8.9	41.3 x 12.5 x 8.9	41.3 x 12.5 x 8.9
Net Weight (lbs.)	20	20	29	29	29
Number of Fan Speeds	5	5	5	5	5
Sound Pressure (highest to lowest) Clg	39/36/34/30/27	45/42/40/35/30	44/41/38/35/32	47/44/41/38/35	47/44/41/38/35
Sound Pressure (highest to lowest) Htg	40/37/35/32/29	46/43/41/36/32	44/41/39/35/32	47/44/42/38/35	47/44/42/38/35

