

# Carrier India



Carrier is a part of UTC Climate, Controls and Security, a unit of United Technologies Corp.(UTC), a leading provider to the aerospace and building systems industries worldwide. UTC was ranked at 151<sup>st</sup> position in Fortune 500 list of global corporations in 2014.

Built on Dr. Willis Carrier's invention of modern air conditioning in 1902, Carrier's research, expertise and innovation have resulted in market leading solutions. We recognize the vital importance of maintaining a responsible balance between the comfort we create today and the world we live in tomorrow. Millions of people trust Carrier's leadership in delivering efficient solutions. To know more, please visit <http://www.carrier.com>.

Dr. Willis Carrier

Over the years, Carrier India has significantly contributed in promoting sustainability. Carrier is the only company in the world to be a founding member of the Green Building Councils of the U.S., Argentina, China, India, Singapore and France. In fact, Carrier was instrumental in launching the U.S. Green Building Council® (USGBC) in 1993 and was the first company in the world to join the organization.



It invests in R&D resources to advance energy efficiency, ozone layer protection and low global warming technologies in its products. Carrier's AdvanTEC Solutions Center is a natural evolution of Carrier's approach to sustainability and supports customers around the world in developing strategic, energy-efficient and custom-engineered building solutions.

Carrier's efforts in promoting sustainability can be quantifiably measured by means of the Carrier CO2NSERVATION Meter, which meticulously calculates the avoided greenhouse emissions with the help of Carrier products, globally since 2000. To know more about the Carrier CO2NSERVATION Meter, please visit <http://www.naturalleader.com>.



ACE(Achieving Competitive Excellence) is our proprietary operating system to ensure world-class quality in our products and processes. With its relentless focus on increasing efficiency and reducing waste, ACE is integral to the company's performance model. The company's facilities worldwide are using the operating system to improve quality and customer satisfaction while lowering cost.

Carrier's presence in India dates back to 1986, when Carrier India was established. In the year 1988, the first manufacturing facility was commissioned in Gurgaon, Haryana. Spread in an area of 19 acres, this state-of-the-art facility consists of highly automated manufacturing unit, an excellent R&D Center and an advanced Quality Clinic. Currently, products manufactured in this facility include Cassettes, Ducted Splits, Package Units, Air Cooled & Water Cooled Screw Chillers, Air Cooled & Water Cooled Reciprocating Chillers, Fan Coil Units, Air Handling Units, Refrigeration products and Fire & Security products.

### Snapshots of Carrier India manufacturing facility



Our comprehensive Environment, Health & Safety (EH&S) program establishes a framework and provides tools for implementing our EH&S practices into our business & culture. The Carrier Gurgaon facility holds a distinctive record of delivering over 26 million man hours without a lost work day incident, clearly citing the measures of safety followed here.

Carrier India has 23 sales and service offices, around 500 sales and service channel partners - throughout the country, ensuring efficient solutions and quality services at customer's doorstep. To know more visit <http://www.carrierindia.com>.

Technical Specifications - Hydronic Cassette							
Model			40GKW-012	40GKW-018	40GKW-024	40GKW-036	40GKW-046
Nominal Air Volume*	High Speed	CFM	425	564	668	1100	1140
		CMS	0.20	0.27	0.32	0.52	0.54
Nominal Cooling Capacity*		Btu/Hr	13315	19850	24317	38050	46100
		W	3902	5818	7127	11152	13511
Power Supply			230 V, 1Ø, 50 Hz				
Coil Row		Nos.	2	2	2	2	3
Nominal Water Flow*		USGPM	2.96	4.41	5.40	8.46	10.24
		Lt/Hr	672	1002	1227	1920	2327
Pipe Connection	Inlet/Outlet	Inch	3/4	3/4	3/4	3/4	3/4
Unit Weight		Kg	20	20	20	36	38
Panel Weight		Kg	2.5	2.5	2.5	5	5
Net Dimension	(WxHxD)	mm	575x298x575	575x298x575	575x298x575	825x320x825	825x320x825
Panel Dimension	(WxHxD)	mm	720x30x720	720x30x720	720x30x720	960x30x960	960x30x960

\*Nominal Conditions (Cooling Only) - Entering/Leaving Water Temperature: 7/12°C  
Entering Air Temp 27°C DB & 19.5°C WB



For more details, please contact our sales office:

**Corporate & Regd. Office:** Carrier Airconditioning & Refrigeration Ltd, Kherki Daula Post, Narsingpur, Gurgaon 122004, Tel: 0124-4825500 Fax: 0124-2372230

**Sales Offices:-** Delhi/NCR: 0124-4873200 Ghaziabad: 0120-4183260 Lucknow: 0522-4158703/4158710 Chandigarh: 0172-5007549/50 Jaipur: 0141-6612022 Indore: 0731-2445200 Mumbai: 022-61700700 Ahmedabad: 079-44820430 Pune: 020-67045200 Kolkata: 033-40524354 Chennai: 044-66448888 Bangalore: 080-43442000 Hyderabad: 040-41100222 Cochin: 0484-4029001/0 Bhubaneshwar: 0413-2225853 Patna: 9007015161 Nagpur: 9158911676 Raipur: 9111001244 Guwahati: 9007126326

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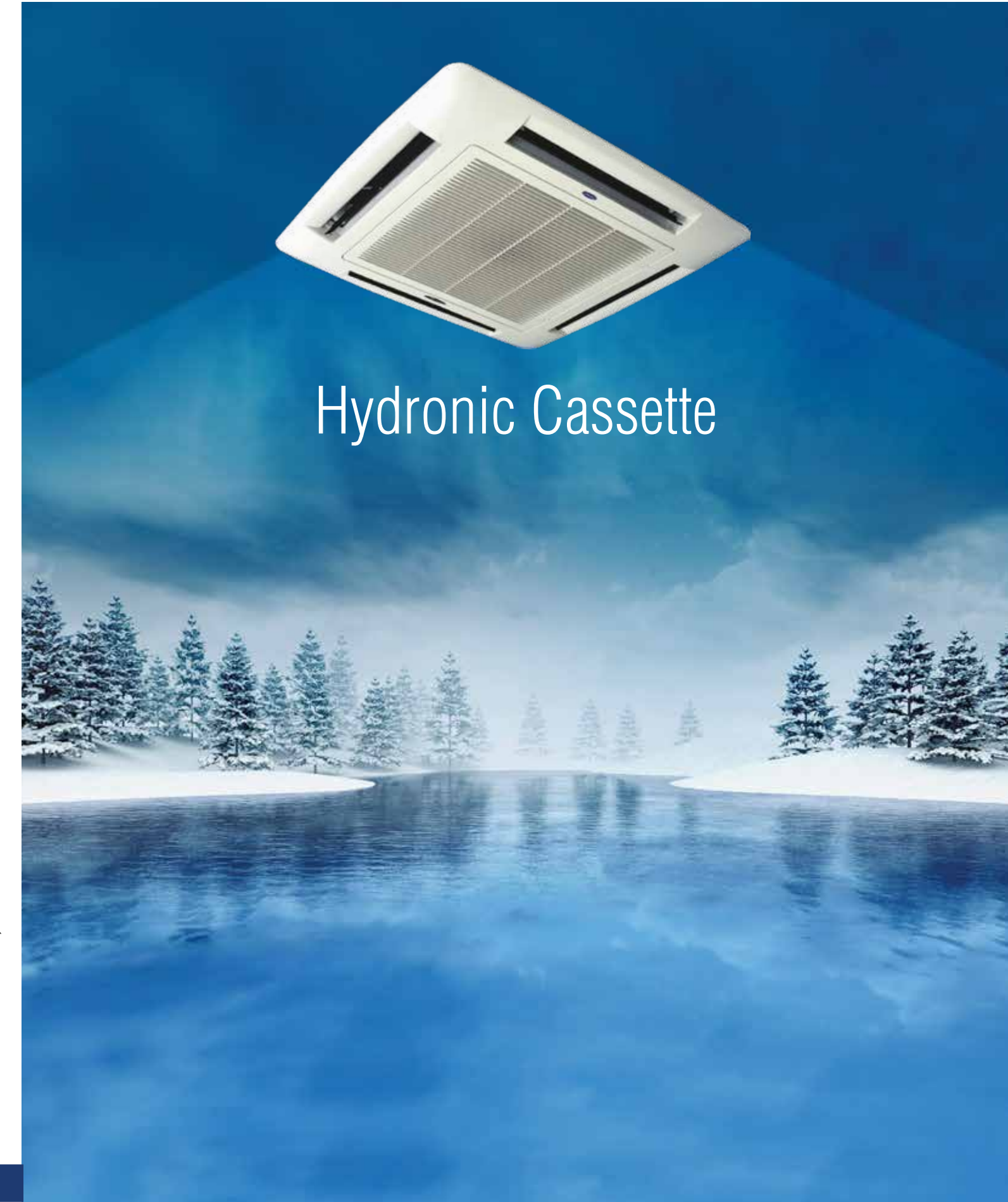


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## Hydronic Cassette





## Features and Benefits



**Self Diagnosis**

Displays error in form of codes for ease of service and trouble shooting.



**Easy Installation**

Specially designed unit with T-shaped suspension brackets makes installation easy and flexible.



**Silent Operation**

Quiet and comfortable ambience with the help of anti vibration pads & specially designed motor.



**Extended Drain Pan**

The extended drain pan is an ideal solution for collecting the condensate from the control and the isolation valves.



**Easy Maintenance**

Easily removable air filter and blower facilitate easy service and maintenance. Manual ON/OFF switch for checking operation during service.



**Superior Heat Exchange**

Enhanced coil heat exchange efficiency, with application of Lanced fin and inner grooved copper tubes.



**Turbo Mode**

Turbo mode pulls down the temperature of the room quickly, leading to instantaneous cooling effect.



**Energy Saver Mode**

Energy saver mode enables user to select default optimum conditions for better comfort and also helps in energy saving.



## Features and Benefits



**Auto Mode**

For better comfort enable this mode in which indoor unit fan speed automatically toggles as per the temperature difference between room temperature and set temperature.



**Auto Restart Function**

In case of power failure, earlier settings are restored. The unit starts automatically with all previous settings preserved by the memory function before the power failure.



**ON/ OFF Control for Valve Package**

Standard ON/OFF control feature for valve package, leading to efficient temperature control inside the room.



**Auto Timer**

Auto ON/OFF timer can be set as per user requirement to meet comfort level.



**High Performance Drain Pump**

Helps drain out condensate water quickly to outside premises.



**Hydrophilic Blue Aluminium Fins**

No accumulation of condensate water hence safeguarding AC performance.



**Sleep Mode**

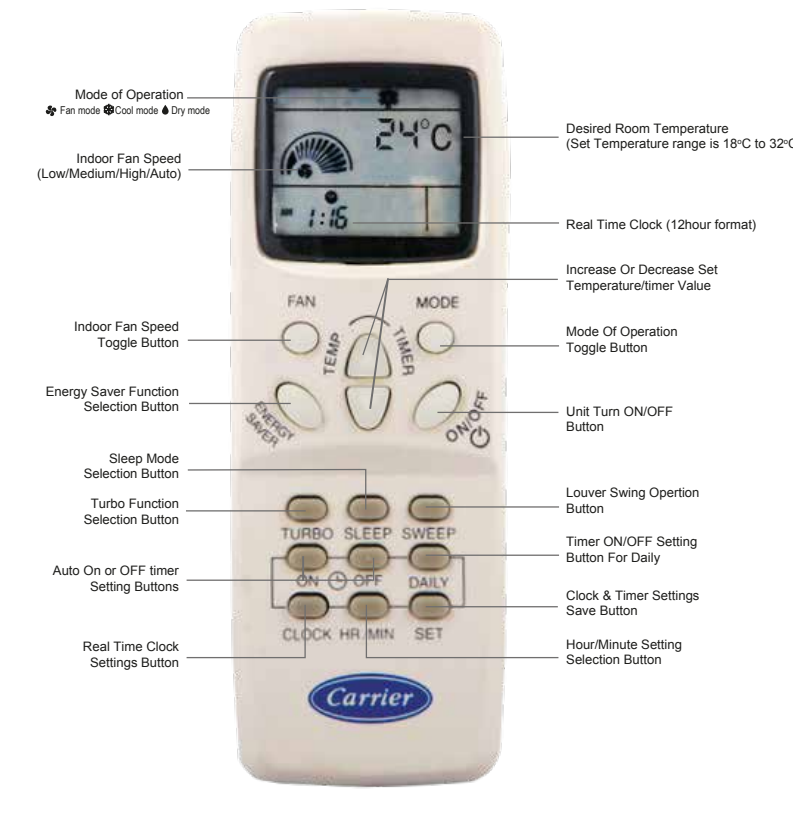
Ensures comfortable sleep and saving at night by automatically regulating temperature.



**Fresh Air Renewal\***

Improves Indoor Air Quality (IAQ). Eliminates staleness from the air, and helps you stay healthy by allowing fresh air from outside to mix with the supply air in the room.

\*Available as per customer requirement



## Cordless Remote Controller

- Features :**
- LCD Display
  - Set Temperature (Increase/Decrease)
  - Unit ON/OFF
  - Mode of Operation (Cool/Fan/Dry)
  - Fan Speed Selection (Low/Med/High)
  - Auto ON/OFF Timer
  - Sleep Mode
  - Energy Saver Mode
  - Turbo Mode
  - Daily Setting for Timer
  - Real Time Clock Setting
  - Louver Swing Operation

