42CE Fan Coil Unit
Air Volume: 0.14 - 0.66 m³/s
Low Height • Low Noise

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- Mumbai: 022-61700700
- Ahmedabad: 079-44820400
- Pune: 020-67045100
- Kolkata: 033-40524354
- Chennai: 044-66448888
- Bangalore: 080-43442000
- Hyderabad: 040-41100222
- Cochin: 0484-4029001/0

CIN: U74999HR1992FLC036104/ Website: www.carrierindia.com/ E-mail: bssindia@carrier.utc.com

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The Manufacturer reserves the right to change any product specification without prior notice.
Carrier India

Carrier is a part of UTC Building & Industrial Systems, a unit of United Technologies Corp. (UTC), a leading provider to the aerospace and building systems industries worldwide. UTC was ranked at 151st 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.

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.

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.

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 17 million man hours without a lost work day incident, clearly citing the measures of safety followed here.

Carrier India has 14 sales and service offices, more than 800 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.
42CE Fan Coil Units are the new energy saving products improved with advanced technology by Carrier. The units have advanced technology of low noise fan, air condition manufacture process and the last lanced sine wave fin. 42CE is developed to be an ultra-tranquil, high efficiency, convenient using and compact configuration product.

Excellent performance and efficiency

- The 42CE fan coil unit is offered with return air plenum with nylon filter and auxiliary GI drain pan as a standard feature.
- The auxiliary drain pan is ideal to collect the condensate from the control valve & isolation valve and could be offered in stainless steel as an option.
- This design offers the compact sizing and in turn saving false ceiling space.

Ultra-tranquil

- The latest noise eliminated fiberglass insulation assures not only the good appearance and perfect performance but also well-insulated performance measuring up the international standard under the testing of most abominable sweat condition.
- The standard units are with 30Pa external static pressure and could be offered with 50Pa ESP as an option.
- Return air plenum has flexibility to be interchanged from rear to bottom at site.
- Isolation ball valves are provided at both inlet and outlet, with a stainer at the inlet. These valves are interchangeable with copper piping at the factory to enable ease of connection at the site. Valve Package is fitted with 2-way / 3-way, On/Off type, spring return control valve.

High efficiency

- Aluminum lanced sine wave fin coils with copper tubing assure highly efficient heat transfer between primary and secondary coil surfaces.

Options

- 2-way valve
- 3-way valve
- Thermostat
- Remote Controller

Ultra thin

- The unit height is only 24.1 cm so that they can save installation space and meet the requirement of all kinds of situations.
Technical Parameter

TECHNICAL DATA

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<th>SIS</th>
<th>S1S</th>
<th>S0S</th>
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<tr>
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Note: 1. The data is the performance in high speed with relevant static pressure.
3. The noise is tested in the anechoic test room, measured with a fine audiometer located 1 meter away from the unit front panel and the unit bottom panel.

Dimensions

4GCE Fan Coil Unit

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<tr>
<th>Model</th>
<th>A</th>
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<th>C</th>
<th>D</th>
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<tr>
<td>Height</td>
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<td>Mouth Size</td>
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<td>66(0.66)</td>
<td>66(0.66)</td>
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<td>66(0.66)</td>
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<tr>
<td>50 Pa</td>
<td>26(0.26)</td>
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</table>

Electric Diagram

[Diagram showing electrical connections and labels]

Power: 220V/230V-50Hz

Options:

- Centrifugal fan coil units
- Ducted fan coil unit
- VRV system
- Fan coil unit with fan

Note: 1. The data is the performance in high speed with relevant static pressure.
3. The noise is tested in the anechoic test room, measured with a fine audiometer located 1 meter away from the unit front panel and the unit bottom panel.