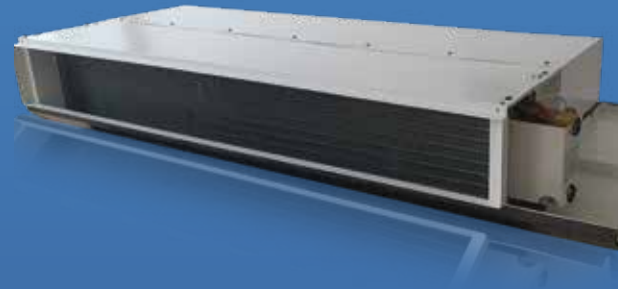




Carrier 42CE Fan Coil Unit



Where efficiency meets excellence



FROM OUR GURUGRAM FACTORY, ESPECIALLY FOR YOU

Founded by the inventor of modern air conditioning, Carrier is a world leader in high-technology heating, air conditioning and refrigeration solutions. Carrier experts provide sustainable solutions, integrating energy-efficient products, building controls and energy services for residential, commercial, retail, transport and food service customers.

From the invention of the first centrifugal chiller 100 years ago to today's highly efficient screw chiller, Carrier has consistently paved the way towards efficient and reliable solutions. Providing smart and sustainable solutions with Made in India products, Carrier's comprehensive range of offerings is suitable for varied customer applications.

Carrier's comprehensive range of offerings



Water-Cooled
Screw Chillers



Air-Cooled
Screw Chillers



Ducted
Air Conditioners



Cassette
Air Conditioners



Fan Coil
Air Conditioning Units



Floor-Standing
Air Conditioning Units

Certifications



INDIA RESEARCH & DEVELOPMENT CENTRE (IRDC)



Carrier was built on a legacy of innovation, beginning with our founders. We are innovators at heart and inventors by heritage. Today, building on our history of firsts, we are boldly advancing the industries we created to make a difference in people's lives. Backed by a state-of-the-art R&D centre in Gurugram, our pursuit for excellence revolves around developing products and solutions for all customer verticals.

An integral part of our IGBC-platinum-accredited Gurugram factory, the India Research & Development Centre (IRDC) houses a number of test facilities for remarkable performance and reliability testing so that we can deliver the ideal HVAC solution.

Certifications



National Accreditation
Board for Testing and
Calibration Laboratories



Air-Conditioning,
Heating, and
Refrigeration Institute



International
Laboratory Accreditation
Cooperation

Carrier Expert Centre (CEC), Gurugram

With a focus on elevating our customers' experience, Carrier India introduced the Carrier Expert Centre in its Gurugram campus. This is a dedicated and immersive exhibit to provide an unmatched experience of Carrier's HVAC solutions. Showcasing a wide range of products, it is our aim to help our customers dive into the world of latest innovations driven by our legacy of excellence.



CARRIER HEALTHYBUILDINGS:

A healthy future begins indoors

Clean air indoors leads to healthy interiors and this plays a critical role in enhancing occupant experiences. At Carrier, we are committed to making this a reality with our 'Carrier HealthyBuildings' solutions. These are designed to truly elevate spaces by delivering cleaner air and better indoor environments.



Why clean air is supreme?



REDUCED RISK OF INFECTION



IMPROVED SLEEP QUALITY



BETTER SENSE OF COMFORT & RELAXATION

Carrier HealthyBuildings solutions optimize building systems to enable improved indoor air quality (IAQ) and ensure the overall well-being of occupants, by addressing several foundational aspects of cooling inside spaces:



Ventilation

Maximize outdoor air ventilation and monitor the target ventilation



Air Quality

Implement multipoint IAQ monitoring and advanced IAQ controls



Noise

Designed for minimum equipment background noise



Filtration

Implement advanced purification solutions by filtering air

MAKING HEALTHYBUILDINGS

A REALITY

The new Carrier 42CE Fan Coil Units have been designed and developed to help create truly 'healthy buildings' that prioritize the health and well-being of the buildings' occupants, in conjunction with other Carrier accessories such as the UVC Lamp and the PM 2.5 Filter.

CARRIER UVC LAMP*

Efficient. Durable. Healthy.

Here's an accessory that prevents bacteria and viruses from reproducing with its Ultraviolet-C (UVC Lamp) technology that emits short-wavelength radiant energy (between 200–280 nanometers) in the ultraviolet germicidal irradiation (UVGI) application.

What Carrier UVC Lamps do for your spaces:



Environmentally-friendly & toxin-free



Stainless steel reflector for enhanced radiation effectiveness



Add-on safety interlock mechanism to prevent direct exposure to the UVC Lamp



Prolonged coil life & increased energy efficiency



Reliable & longer life owing to its high-quality materials



PM 2.5 FILTERS*

Say goodbye to contaminated air

With minimum airflow resistance and enhanced dust-holding capacities, the PM 2.5 Filter serves as a cost-effective option for a healthy indoor space with high-efficiency air filtering needs.

What the PM 2.5 Filter offers you:



Captures all common air allergens & pollutants (dust mites, mold spores & pet dander)



Ensures easy maintenance with less changing time



Works efficiently even in harsh environments



Shields occupants & HVAC equipment from contaminated air



Optimizes filter life with the filter component design



Operates efficiently in turbulent, variable air volume & vibration systems

*Connect with a Carrier sales representative for product selection.



CARRIER 42CE FAN COIL UNIT (FCU)

42CE FCU is a new and improved technology by Carrier, developed to be ultra-tranquil and deliver high efficiency in a compact configuration.



Space-Saving Compact Height

Minimum installation space required with the unit height as low as 25cm



Damp-Free Ceilings with SS Drain Tray

Dry ceilings made possible with the stainless steel auxiliary drain tray



Enhanced Acoustic Performance

Experience better sound function with closed fiberglass insulation



Low Noise Operation

Silent operation as low as 31dB (A), especially suited for the hospitality sector*



Enhanced Heat Exchange

Built with inner grooved copper tubing and aluminum lanced sine wave fins to improve the heat exchange

*Connect with a Carrier sales representative for product selection.

TECHNICAL SPECIFICATIONS

Parameters		42CE-004	42CE-006	42CE-008	42CE-010	42CE-012	42CE-014
Air Volume	CMH	680	1,020	1,360	1,700	2,040	2,380
	CFM	400	600	800	1,000	1,200	1,400
Cooling Capacity	W	4,130	5,860	7,880	9,330	10,890	13,100
	TR	1.2	1.7	2.2	2.7	3.1	3.7
Power Supply	(V-ph-Hz)	230+/-10% - 1 - 50					
Water Flow	L / min	11.9	16.8	22.6	26.8	32.9	37.6
	GPM	3.13	4.44	5.98	7.07	8.26	9.93
Gross Dimension (W x H x D)	mm	1,020 x 250 x 580	1,300 x 250 x 580	1,540 x 250 x 580	1,660 x 250 x 580	1,900 x 250 x 580	2,140 x 250 x 580
Gross Weight	kg	22	25.5	34	36	43	51

Note:

- Rated cooling capacities are based on the following conditions:
 - Return air temperature: DBT 27°C & WBT 19.5°C
 - Water entering / leaving temperature: 7°C / 12°C
- Rated airflow is measured at high speed in fan mode





CARRIER SERVICE HELPLINE
1800 3000 3545
1800 1021 421

For more details, please contact our sales office:

Corporate & Registered Office: Carrier Airconditioning & Refrigeration Ltd, Kherki Daula Post, Narsingpur, Gurgaon 122004, Tel: 0124-4825500
Sales Offices:- Ahmedabad: 079-44820400/401 Ghaziabad: 0120-4183260 Bangalore: 080-43442000 Bhubaneswar: 9778030033 Chandigarh: 0172-5007549/50 Chennai: 044-66448888 Cochin: 0484-4029000/001, Coimbatore: 7397444250 Daryaganj: 011-23244491, 9810973264 Delhi/NCR: 0124-4873200 Goa: 9987868667 Guwahati: 9831079624 Hyderabad: 040-4181 2222 Indore: 0731-2445200 Jaipur: 0141-4921737 / 738 Kolkata: 033-40592000/3000 Lucknow: 0522-4158701/704 Navi Mumbai/Thane: 9167788252 Mumbai: 022-61700700 Nagpur: 9881714903 Patna: 7070621177 Pune: 020-48571000 Raipur: 9752542882 Surat: 7433920332

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

