



INVENTIVE COOLING. REINVENTED SPACES.

Carrier Cassette Units with
R32 Refrigerant



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 CENTER (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're boldly advancing the industries we created to make a difference in people's lives. Backed by a state-of-the-art R&D center 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 Center (IRDC) houses a number of test facilities for state-of-the-art 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 Center (CEC) Gurugram

With a focus on elevating our customers' experience, Carrier India introduced the Carrier Expert Center 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.



FEATURES & BENEFITS OF CARRIER CASSETTE UNITS



Building Management Systems (BMS) Compatibility

Provides easy and efficient operation with integrated control through the RS485 communication port.



Auto Mode

Ensures better comfort as the indoor unit's fan speed automatically toggles as per the temperature difference between the room temperature and set temperature.



Auto Restart Function














Starts automatically in case of a power failure with all previous settings preserved by the memory function before the power failure.



Sleep Mode

Ensures comfortable sleep and power savings at night by automatically regulating the temperature.



	Auto Timer	Auto ON/OFF timer can be set as per the user's requirement and desired comfort level.
	High-Performance Condensate Drain Pump	Enhanced pump design for better lift to throw out water quickly. A safety float is incorporated in the drain pump to monitor its water level.
	Three-Phase Reverse Protection*	All the three-phase supply units are equipped with a phase sequence protection device to safeguard the compressor from reverse phase sequencing.
	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.
	Self Diagnosis	Displays errors in the form of codes for ease of service and troubleshooting.
	Easy Installation	Delivers easy and flexible installation with the specially designed compact indoor unit engineering with I-shaped suspension brackets, and a light outdoor unit.
	Silent Operation	Provides a quiet and comfortable ambience with the help of anti-vibration pads, a specially designed motor and the placement of the throttling device in the ODU.
	Corrosion Resistant	Withstands rigorous environments due to the outdoor unit casing being made of powder-coated sheet metal.
	Easy Maintenance	Facilitates easy service and maintenance with the easily removable air filter and blower in the indoor unit, along with the service valves provided in the outdoor unit.
	Superior Heat Exchange	Ensures this with enhanced coil heat exchange efficiency, the application of a lanced fin and inner grooved copper tubes that are designed with a reduced tube diameter and an increased surface area for better transfer.
	IDU designed for maximum comfort	Prioritizes your comfort, especially in high-occupancy situations; the design focuses on delivering an optimal indoor environment by significantly enhancing airflow.
	Energy Saver Mode	Enables the user to select default optimum conditions for better comfort and better energy savings.
	Green Refrigerant	Uses R32, a low GWP refrigerant, in all models for greater efficiency and to better address the issue of global warming.

*Applicable to select models only

CORDLESS REMOTE CONTROLLER



Features :

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



Technical Specifications

PARAMETER CATEGORY		UNIT	18K	24K	36K	45K	
GENERAL	Model No. (Indoor Unit)		40GKX-018EA	40GKX-024EA	40GKX-036EA	40GKX-045EA	
	Model No. (Outdoor Unit)		51MSG-018ER1A	51MSG-024ER1A	51MSG-036ER3A	51MSG-045ER3A	
	Nominal Cooling Capacity	Watts	5,300	7,033	10,551	13,480	
	ISEER	W/W	3.52	3.55	3.20	3.05	
	Rated Power Supply	V-Ph-Hz	230 ± 10% - 1 - 50	230 ± 10% - 1 - 50	400 ± 10% - 3 - 50	400 ± 10% - 3 - 50	
	Weight (Indoor/Outdoor/Grille)	kg	27.5/38/5	28/47/5	32/75/5	33/75/5	
	Airflow Rate	CFM	590	730	950	1,070	
		CMH	1,002	1,240	1,615	1,819	
	Fan Motor (Indoor Unit)	Type	1PH, AC, 3-Speed	1PH, AC, 3-Speed	1PH, AC, 3-Speed	1PH, AC, 3-Speed	
	Fan Motor (Indoor Unit)	Rating/ Speed	27W/425RPM	32W/515RPM	70W/630RPM	72W/820RPM	
	Fan Motor (Outdoor Unit)	Type	1PH, AC, 1-Speed	1PH, AC, 1-Speed	1PH, AC, 1-Speed	1PH, AC, 1-Speed	
	Fan Motor (Outdoor Unit)	Rating/ Speed	56W/1,010RPM	68W/780RPM	106W/920RPM	240W/1,240RPM	
	Compressor Type		Single Rotary	Single Rotary	Twin Rotary	Twin Rotary	
	Flare Connection: Liquid Line	inch	1/4"	1/4"	3/8"	3/8"	
	Flare Connection: Gas Pipe	inch	1/2"	5/8"	5/8"	3/4"	
	Max. Piping Length	m	20	20	30	30	
	Max. Piping Elevation	m	10	10	10	10	
	Refrigerant Type	R32					
	Refrigerant Quantity (Factory-Charged)	Gms	800	1,180	1,220	1,530	
	Refrigerant Quantity Extra Charge Beyond 7.5m (Field Charged)	Gms/ meter	15	20	22	27	
OVERALL SIZE	Indoor Unit	Height	cm	29.8	29.8	29.8	29.8
		Width	cm	82.5	82.5	82.5	82.5
		Depth	cm	82.5	82.5	82.5	82.5
	Grille Unit	Height	cm	3	3	3	3
		Width	cm	96	96	96	96
		Depth	cm	96	96	96	96
	Outdoor Unit	Height	cm	53.7	66.7	82	82
		Width	cm	76.2	90.7	90.4	90.4
		Depth	cm	32.6	32.6	32.5	32.5
INDOOR	Sound Data @50Hz	High	dB(A)		43	49	53
		Medium			41	47	49
		Low			38	45	46

Note:

1. Rated cooling capacities are based on the following conditions: Return air temp.: DBT 27°C & WBT 19°C Outdoor air temp.: 35°C Refrigerant piping: 5m (16.4ft)
2. All units are tested as per IS 1391 (Part II) guidelines & rated airflow rate is measured at high speed in fan mode.



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