



Cassette



Carrier India



Dr. Willis Carrier

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. Carrier is part of Carrier Global Corporation, a leading global provider of innovative HVAC, refrigeration, fire, security and building automation technologies.

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.



AdvanTEC

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>.



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, 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>.



Features & 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.



Sleep Mode

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



Auto Timer

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



High Performance Condensate Drain Pump

Helps drain out condensate water quickly to outside premises.



Hydrophilic Blue Aluminium Fins

No accumulation of condensate water hence safeguarding AC performance.



Three Phase Reverse Protection

All the three phase supply units are equipped with 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.

*Available as per customer requirement

Features & Benefits



Self Diagnosis

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



Easy Installation

Specially designed compact indoor unit with t-shaped suspension brackets and light outdoor unit makes installation easy and flexible.



Silent Operation

Quiet and comfortable ambience with the help of anti vibration pads, specially designed motor and placement of throttling device in the ODU.



Corrosion Resistant

Designed to stand in rigorous environment. The outdoor unit casing is made of powder coated sheet metal.



Easy Maintenance

Easily removable air filter and blower in indoor unit. Service valves provided in outdoor unit facilitate easy service and maintenance.



Superior Heat Exchange

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



Contemporary Panel Design

New panel design for enhanced aesthetics and improved air flow



Energy Saver Mode

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





- Mode of Operation
 * Fan mode * Cool mode * Dry mode
- Indoor Fan Speed
 (Low/Medium/High/Auto)
- Indoor Fan Speed
 Toggle Button
- Energy Saver Function
 Selection Button
- Sleep Mode
 Selection Button
- Turbo Function
 Selection Button
- Auto On or OFF timer
 Setting Buttons
- Real Time Clock
 Settings Button
- Desired Room Temperature
 (Set Temperature range is 18°C to 32°C)
- Real Time Clock (12hour format)
- Increase Or Decrease Set
 Temperature/Timer Value
- Mode Of Operation
 Toggle Button
- Unit Turn ON/OFF
 Button
- Louver Swing Operation
 Button
- Timer ON/OFF Setting
 Button For Daily
- Clock & Timer Settings
 Save Button
- Hour/Minute Setting
 Selection Button

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

Technical Specifications

PARAMETER \ Category	Unit	TECHNICAL SPECIFICATION: REFRIGERANT - R22		
		1.5 TR - 2 Star	1.5 TR - 3 Star	2.0 TR - 2 Star
Model No (Indoor Unit)		40GKX-018RG	40GKX-018RH	40GKX-024RH
Model No (Outdoor Unit)		51MSG-018RRG	51MSG-018RRH	51MSG-024RRH
Nominal Cooling Capacity	Watts	5276	5510	7035
BEE Star Rating				
Rated Power Supply - Indoor Unit	V-Ph-Hz	230 ± 10% - 1 - 50	230 ± 10% - 1 - 50	230 ± 10% - 1 - 50
Rated Power Supply - Outdoor Unit	V-Ph-Hz	230 ± 10% - 1 - 50	230 ± 10% - 1 - 50	230 ± 10% - 1 - 50
Net Weight - Indoor / Outdoor / Grille	Kgs	38/55/5	38/55/5	38/55/5
Air Flow Rate	CFM	590	590	730
	CMH	1003	1003	1241
Fan Motor (Indoor Unit)	# of Speeds	3	3	3
Fan Motor (Outdoor Unit)	# of Speeds	1	1	1
Compressor Type		Rotary	Rotary	Rotary
Flare Connection : Liquid Line	Inch	1/4"	1/4"	1/4"
Flare Connection : Gas pipe	Inch	5/8"	5/8"	5/8"
Indoor Unit	Height	298	298	298
	Width	825	825	825
	Depth	825	825	825
Grille Unit	Height	30	30	30
	Width	960	960	960
	Depth	960	960	960
Outdoor Unit	Height	820	820	820
	Width	904	904	904
	Depth	325	325	325
Sound Data @ 50Hz	Hi	40	40	46
	Med	37	37	43
	Low	35	35	40

Note:
1. Rated cooling capacities are based on following condition : Return air temp :DBT -27°C & WBT -19°C, Outdoor air temp : 35°C & Refrigerant piping : 5 m (16.4 ft)
2. All units tested as per IS 1351 (Part II) guidelines & rated airflow rate is measured at high speed in fan mode
3. Star Ratings as per BEE Standards and Labeling program 2018 - 20.

Technical Specifications

PARAMETER \ Category	Unit	TECHNICAL SPECIFICATION: REFRIGERANT - R410A				
		1.5 TR	1.5 TR	2.0 TR	3.0 TR	4.0 TR
Model No (Indoor Unit)		40GKX-018GF	40GKX-018GG	40GKX-024GF	40GKX-036GE	40GKX-048GE
Model No (Outdoor Unit)		51MSG-018GRF	51MSG-018GRG	51MSG-024GRF	51MSG-036GSE	51MSG-048GSE
Nominal Cooling Capacity	Watts	5276	5580	6700	11300	14000
BEE Star Rating					-	-
Rated Power Supply - Indoor Unit	V-Ph-Hz	230 ± 10% - 1 - 50	230 ± 10% - 1 - 50	230 ± 10% - 1 - 50	230 ± 10% - 1 - 50	230 ± 10% - 1 - 50
Rated Power Supply - Outdoor Unit	V-Ph-Hz	230 ± 10% - 1 - 50	230 ± 10% - 1 - 50	230 ± 10% - 1 - 50	400 ± 10% - 3 - 50	400 ± 10% - 3 - 50
Net Weight - Indoor / Outdoor / Grille	Kgs	38/46/5	38/46/5	38/55/5	32 / 70 / 5	33 / 75/ 5
Air Flow Rate	CFM	590	590	950	950	1070
	CMH	1003	1003	1615	1615	1819
Fan Motor (Indoor Unit)	# of Speeds	3	3	3	3	3
Fan Motor (Outdoor Unit)	# of Speeds	1	1	1	1	1
Compressor Type		Rotary	Rotary	Rotary	Twin Rotary	Twin Rotary
Flare Connection : Liquid Line	Inch	1/4"	1/4"	1/4"	3/8"	3/8"
Flare Connection : Gas pipe	Inch	5/8"	5/8"	5/8"	3/4"	3/4"
Indoor Unit	Height	298	298	298	298	298
	Width	825	825	825	825	825
	Depth	825	825	825	825	825
Grille Unit	Height	30	30	30	30	30
	Width	960	960	960	960	960
	Depth	960	960	960	960	960
Outdoor Unit	Height	692	692	820	692	820
	Width	904	904	904	904	904
	Depth	325	325	325	325	325
Sound Data @ 50Hz	Hi	40	40	46	46	53
	Med	37	37	42	42	47
	Low	35	35	39	39	43

Note:
 1. Rated cooling capacities are based on following condition : Return air temp. DBT -27°C & WBT -19°C, Outdoor air temp. : 35°C & Refrigerant piping : 5 m (16.4 ft)
 2. All units tested as per IS 1351 (Part II) guidelines & rated airflow rate is measured at high speed in fan mode
 3. Star Ratings as per BEE Standards and Labeling program 2018 : 20.



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TOTALINE



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