

# 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 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>.

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 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>.

## Specification

Technical Specifications - Slimpac							
	Parameter	Unit					
GENERAL	Model No. (Indoor)		40KFJ-024RS	40KFJ-036RT	40KFJ-042RT	40KFJ-055RT	
	Model No. (Outdoor)		51MSG-024SP	51MSG-036SP	51MSG-042SP	38LH-055SP	
	Rated Cooling Capacity	Watt	6624	10551	12309	16120	
	Star Rating			-	-	-	
	Rated Power Supply - Indoor	V-Ph-Hz	230±10%-1-50	230±10%-1-50	230±10%-1-50	230±10%-1-50	
	Rated Power Supply - Outdoor	V-Ph-Hz	230±10%-1-50	400±10%-3-50	400±10%-3-50	400±10%-3-50	
	Compressor Type		Rotary	Scroll	Scroll	Scroll	
	Flare Connection : Liquid pipe	cm	0.635	0.95	0.95	0.95	
	Flare Connection : Gas pipe	cm	1.59	1.91	1.91	1.91	
	Fan Motor Input Power	Watt	166	288	288	347	
INDOOR	Air Flow (High/Low)	m³/s	0.29/0.22	0.48/0.42	0.45/0.36	0.63/0.56	
		CFM	618/470	1011/882	952/765	1324/1176	
	Noise Level (High/Low)	db(A)	46/41	53/49	50/44	57/53	
	Net Dimension	Width	cm (m)	50 (0.5)	54 (0.54)	54 (0.54)	61 (0.61)
		Depth	cm (m)	29 (0.29)	41 (0.41)	41 (0.41)	39 (0.39)
		Height	cm (m)	170 (1.7)	182.5 (1.825)	182.5 (1.825)	192.5 (1.925)
	Gross Dimension	Width	cm (m)	61.5 (0.615)	65.5 (0.655)	65.5 (0.655)	74.5 (0.745)
		Depth	cm (m)	41.5 (0.415)	55.5 (0.555)	55.5 (0.555)	54.5 (0.545)
		Height	cm (m)	180.5 (1.805)	193.5 (1.935)	193.5 (1.935)	205 (2.05)
	Net/Gross Weight	Kg	37/49	54/68	56 / 73	58.5 / 80	
Controller			Remote Control				
OUTDOOR	Operating Temp. (Cooling)	°C	≥17	≥17	≥17	≥17	
	Outdoor Unit Dimensions	Height	cm (m)	82 (0.82)	82 (0.82)	82 (0.82)	87.5 (0.875)
		Width	cm (m)	90.4 (0.904)	90.4 (0.904)	90.4 (0.904)	104 (1.04)
		Depth	cm (m)	32.5 (0.325)	32.5 (0.325)	32.5 (0.325)	41 (0.41)
Refrigerant	Type		R22	R22	R22	R22	
Refrigerant Qty	Kg	1.62	2.05	1.85	4.3		
FEATURES	Mode	Auto	✓	✓	✓	✓	
		Cool	✓	✓	✓	✓	
		Dry	✓	✓	✓	✓	
		Fan	✓	✓	✓	✓	
	Swing	Horizontal	✓	✓	✓	✓	
		Vertical	✓	✓	✓	✓	
		Air Direction	-	-	-	✓	
	Timer	Timer On	✓	✓	✓	✓	
		Timer Off	✓	✓	✓	✓	
	Turbo Mode		✓	✓	✓	✓	
	Sleep Mode		✓	✓	✓	✓	
	Economic Mode		-	-	-	✓	
	LCD Display On		✓	✓	✓	-	
	Clock		-	-	-	✓	
Reset		✓	✓	✓	✓		
Lock		✓	✓	✓	✓		

Note: All units tested as per IS 1391 part 2 guidelines  
Star Rating as per standards & labelling program of Bureau of Energy Efficiency



For more details, please contact our sales office:

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Climate, Controls & Security

March 2016



We are confident to stand & deliver.







## Salient Features



### Easy-cleaned panel

The Air Inlet Grill & Filter is easy to clean, easy to remove and can be washed with cold water.



### Self-diagnosis

Gives immediate information of the error occurred in indoor unit.



### Auto Mode

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



### Auto Restart Function

Power failure during operation will stop the unit completely. For the unit with this feature, when the power restores, the unit starts automatically with all previous settings preserved by the memory function.



### Dry Mode

It helps in controlling the high humidity levels and helps to improve the comfort level.



### Fresh Air\*

The provision for fresh air intake in indoor unit helps in improving the indoor air quality (IAQ).

\* Available in 40KFJ-024RS



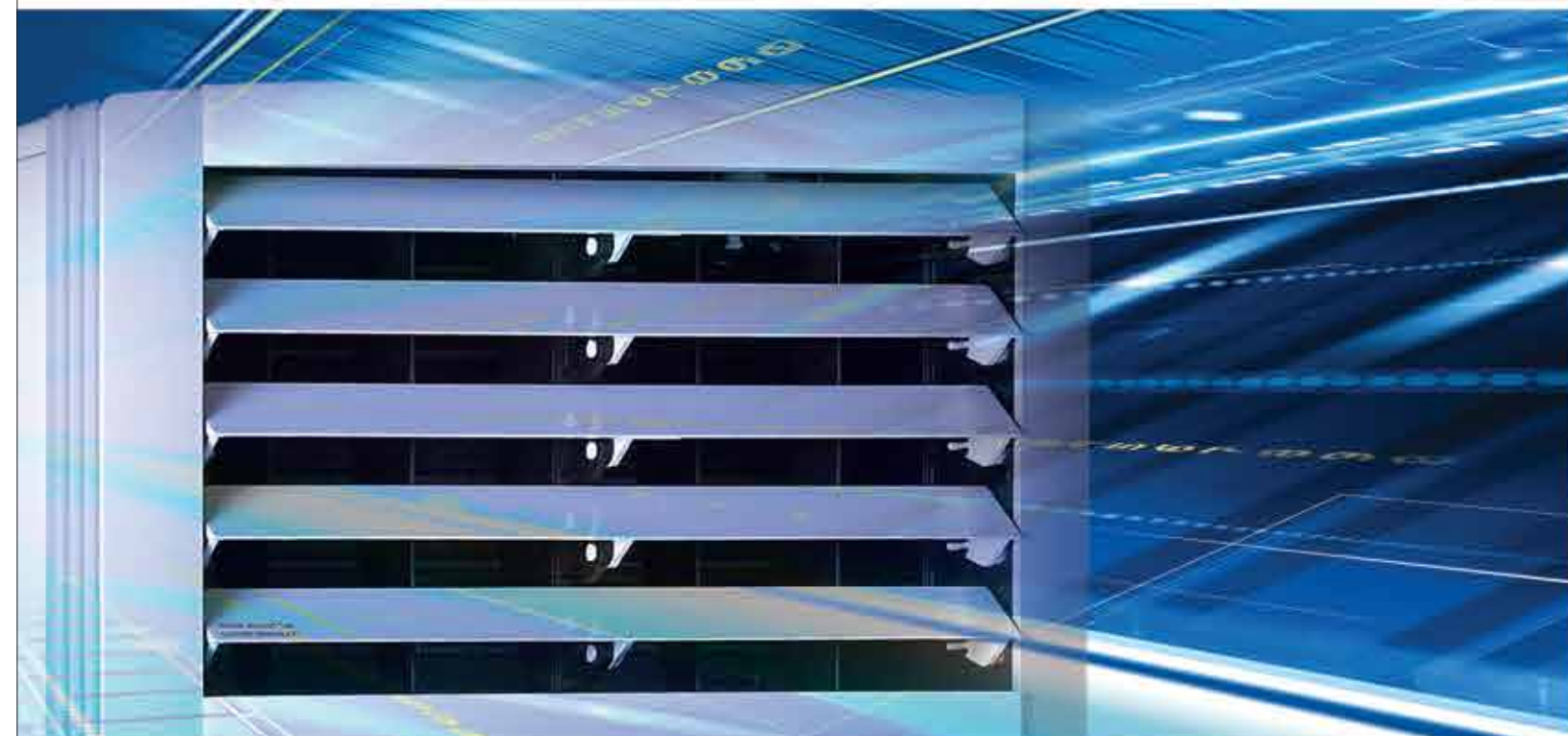
### LCD Dynamic Display

LCD dynamic display and eye catching digital LCD panel presents prominence to modern home.



### Anti-rust Cabinet

The anti-rust coating on the cabinet is designed to stand rigorous environment. Outdoor unit casing is made of powder coated sheet metal.



Available with  
40KFJ-024RS  
40KFJ-036RT  
40KFJ-042RT

Available with  
40KFJ-055RT

### Cordless Remote Controller

- LCD Display
- Set Temperature (Increase/ Decrease)
- Unit ON/OFF Button
- Mode Selection (Auto/Cool/Dry/Fan)
- Fan Speed Selection
- Auto Timer (ON/OFF)
- Swing Mode
- Sleep Mode\*
- Turbo Setting\*

\*For 40KFJ-055RT model, features can be activated through Indoor panel.