



**MADE IN INDIA**  
**ENGINEERED FOR**  
**RELIABLE COOLING**

30RB MODULAR AIR-COOLED  
SCROLL CHILLER



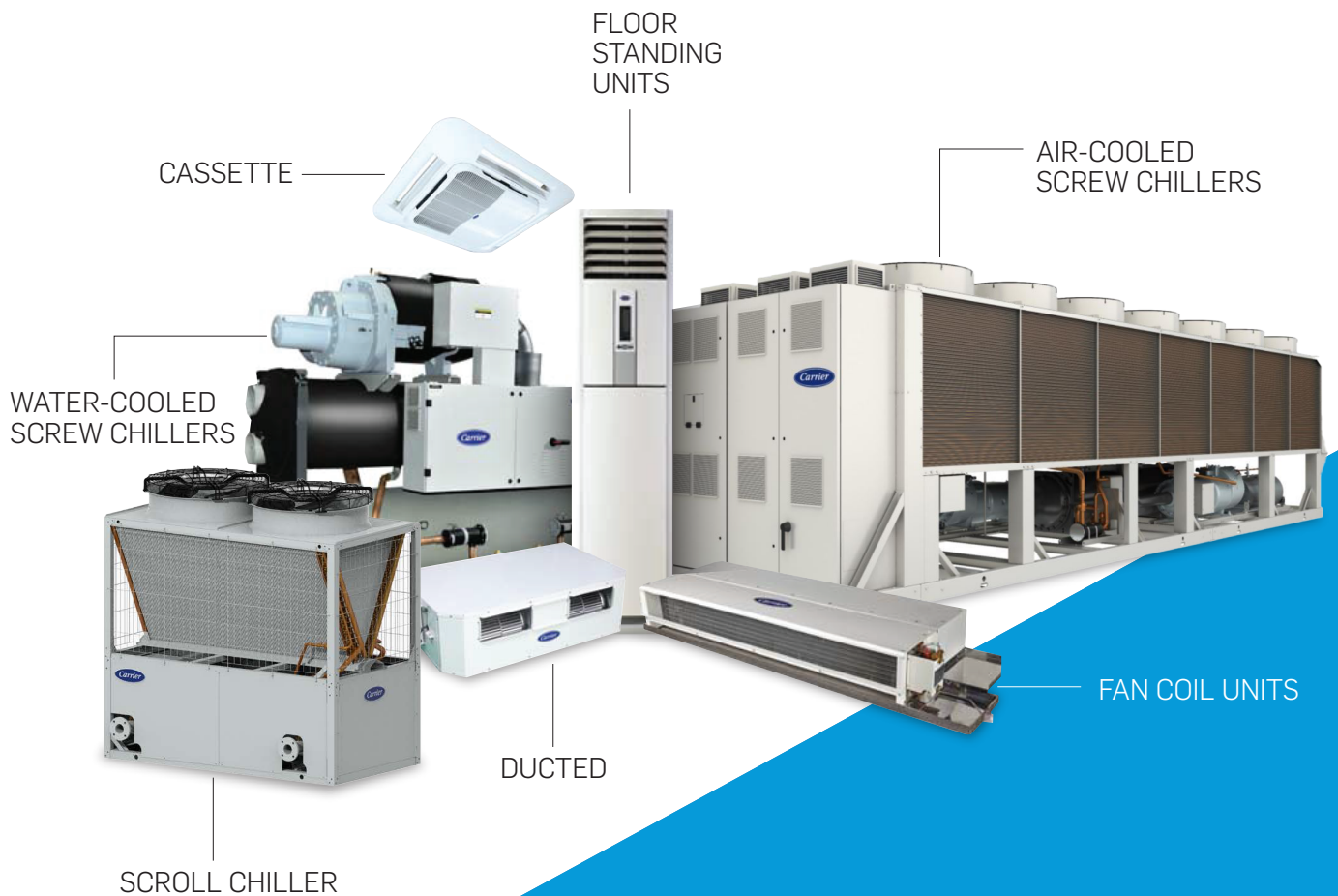


Founded by Mr. Willis Carrier, the inventor of modern air conditioning, Carrier is a leading supplier of high-technology heating, air-conditioning and refrigeration solutions to a range of customers across the globe.

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 chiller technology.

Providing smart and sustainable solutions with Made in India chillers, Carrier's comprehensive range of offerings is suitable for varied customer applications.

## MANUFACTURED AT GURGAON FACILITY



# GURGAON FACTORY CERTIFICATIONS

Our factory certifications provide the assurance of top-notch quality and reliability, which makes Carrier one of the most sought-after companies in the industry.



# GURGAON FACTORY MILESTONES



Manufactured and shipped our **1000<sup>th</sup>** chiller from Carrier India's Manufacturing Facility in July 2020.



Accredited with **IGBC\* Platinum Certification**

\*Indian Green Building Council

**CARRIER GURGAON  
MANUFACTURING FACTORY**



# CARRIER ESG GOALS

Our 2030 ESG goals are our commitment to the things that matter, and we are continuously challenging ourselves to think bigger and be better.



Reduce our customers' carbon footprint by more than **1 gigaton**



Achieve carbon-neutral operations



Minimise energy, water and landfill wastage



Establish a responsible supply chain program

## CARRIER EXPERT CENTER (CEC) GURGAON

With a focus on elevating the customer experience, Carrier India inaugurated Carrier Expert Center, a dedicated and immersive exhibit. Showcasing a wide range of Carrier products, it is our aim to help our customers to dive into the world of latest innovation and legacy at our newly inaugurated center.



# 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 Gurgaon, our pursuit for excellence revolves around developing products and solutions for all customer verticals.

An integral part of our IGBC-platinum-accredited Gurgaon factory, the India Research & Development Center (IRDC) houses a number of test facilities for excellent performance and reliable 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

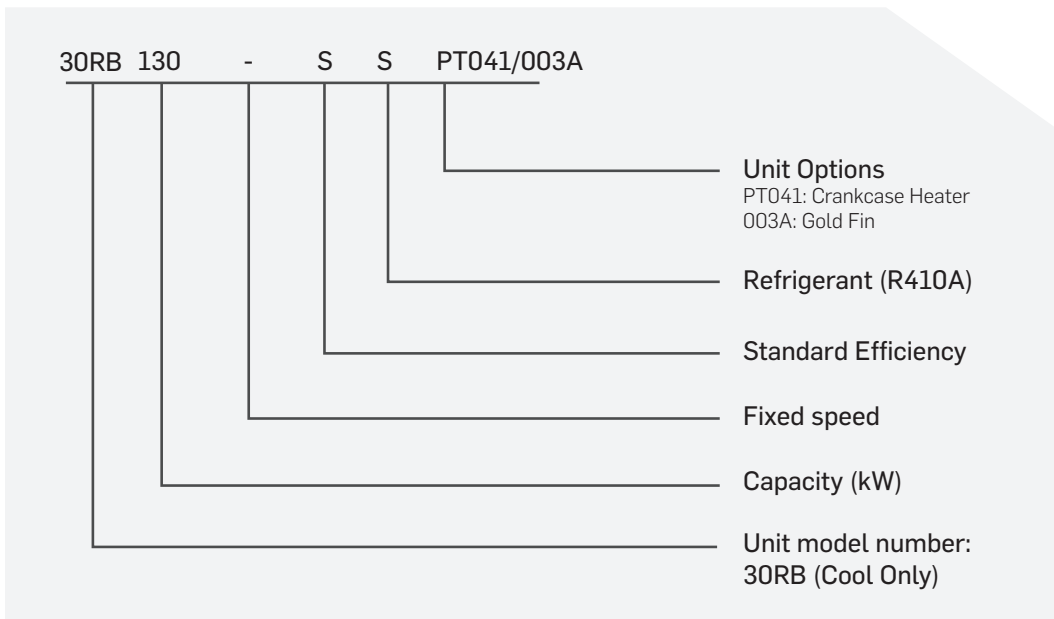
# 30RB MODULAR AIR-COOLED SCROLL CHILLER

Introducing the all-new range of modular air-cooled chillers — now designed and manufactured in India.

Crafted with over a century's expertise in HVAC solutions, the Carrier 30RB Modular Air-Cooled Scroll Chiller delivers high-performance cooling with an efficient design and versatile integration options. What's more, with a combined capacity of up to 1,952 kW, it ensures enhanced adaptability across a wide range of customer requirements.

A comprehensive cooling unit, the 30RB chiller also provides installation convenience with:

- Simple piping
- Moderate costs
- Staged investment



What's more, it allows for wide applicability in spaces such as:



Small- & Medium-Scale  
Industries



Pharma Industries



Banquets

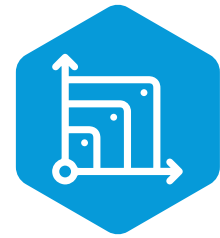


Nursing Homes

# FEATURES

## EXCELLENT CAPACITY

Combines units of the same or different models where each group can have up to 16 modules.

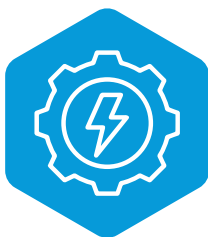
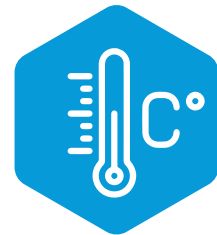


## FREE MASTER MODULE DESIGN

Prevents system failure in case the master unit malfunctions by allowing any single unit to operate as the master when connected with the wired controller.

## WIDE OPERATION RANGE

Ensures optimum cooling performance even at extreme temperature conditions between 10°C–48°C.



## INTELLIGENT ENERGY MANAGEMENT TECHNOLOGY

Delivers higher efficiency, stability and IPLV in multi-module combination. Here each module loads / unloads a refrigerant circuit before doing the same to other refrigerant circuits in the module.

## INTELLIGENT AIR VOLUME MANAGEMENT

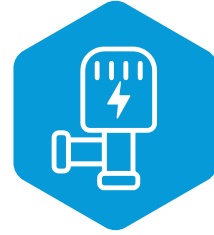
Provides exceptional performance with expanded operating range. Single-module unit automatically increases or reduces fan speed according to ambient temperature to achieve balance between air volume & load.



# FEATURES

## HIGH-PRECISION ELECTRONIC EXPANSION VALVE

Achieves optimum condition of system operation pressure & temperature while also realizing dynamic matching in refrigerating system & improving efficiency of every component.

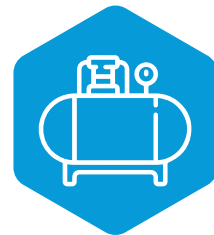


## MULTIPLE PROTECTION FUNCTIONS

Ensures all-round protection & stable operations of both unit and systems with water flow switch & anti-freezing program designs.

## RELIABLE HERMETIC SCROLL COMPRESSOR

Delivers efficient, energy-saving & stable operations with low noise, vibration & extended service life.

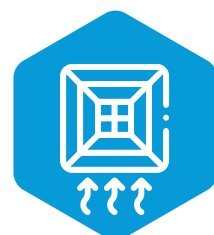


## V-SHAPED CONDENSER

Provides higher structural strength, corrosion resistance & improved heat exchange efficiency. Prevents dust accumulation, winter frosting & loss of pressure while ensuring seamless drainage with higher reliability.

## EFFICIENT SHELL & TUBE HEAT EXCHANGER

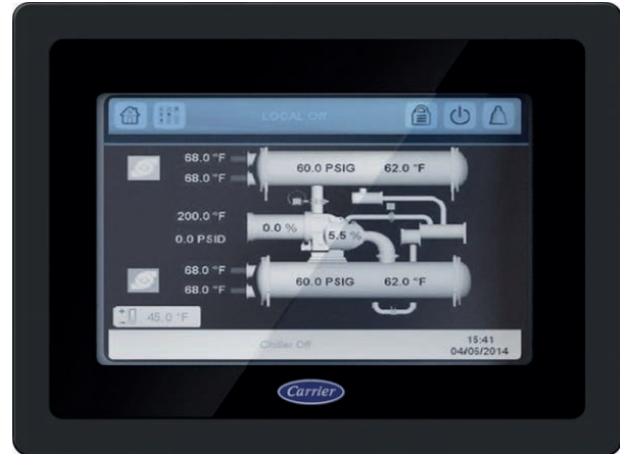
Ensures better heat transfer performance, higher resistance to freezing, lower water resistance & lower requirements for water quality.





# CARRIER SmartVu™ CONTROL SYSTEM

SmartVu™ is an integrated, dynamic and intelligent touch-screen system for enhanced equipment and system management. It is equipped with several features designed to deliver productivity, connectivity and efficiency.



## FEATURES



Intuitive touch-screen interface



Smart data collection for optimised chiller system



Customisable menu for different users



DCT for simplified service operations



Time scheduling for reduced energy bills



Night mode for silent operation

## INTELLIGENT REMOTE MANAGEMENT



Supports CCN, BACnet IP, Modbus TCP/IP and Modbus RTU protocols



Intelligent protocol module Wi-Fi



Carrier Smart Service based on Big Data Processing

# SERVICE CAPABILITIES

Get world-class HVAC service and support whenever you need it.

With Carrier, you can count on our expertise and superior service offerings to help you get the most from your HVAC system from start-up to the entire lifecycle.



Equipment replacement

Modifications & upgrades

Repairs & overhaul

HVAC system optimisation

Installation

Start-up and Commissioning

Warranty Services

Preventive & predictive maintenance plans

## KEY HIGHLIGHTS



Serving locations across India



600+ qualified highly trained technicians



Green-based maintenance



Customer Service Support throughout the year



Culture of safety, ethics and training

# TECHNICAL SPECIFICATIONS

Model			30RB065-SS	30RB130-SS
Product	Type		Modular (Up to 16 units per module)	
Cooling	Cooling Capacity	kW	63	122
	Cooling Capacity	TR	18	35
Refrigerant	Type	-	R410A	
Power Supply		V-ph-Hz	400-3-50	400-3-50
Capacity Modulation		%	0-50-100	0-25-50-75-100
Compressor	Type		Hermetic Scroll Compressor	
	Quantity		2	4
Evaporator	Type		High-Efficiency Shell & Tube Heat Exchanger	
	Water Flow	m <sup>3</sup> /h	10.8	21
	Connection pipe dimension	-	DN50 (Flange)	DN80 (Flange)
Fan	Type		Axial Fan	
Unit Dimensions (L x W x H)		mm	2,240 x 1,150 x 2,195	2,240 x 1,245 x 2,240
Packaging Dimensions (L x W x H)		mm	2,300 x 1,196 x 2,305	2,300 x 1,315 x 2,350
Net Weight		kg	750	1,110
Operating Weight		kg	790	1,178



CARRIER SERVICE HELPLINE  
**1800 3000 3545**  
**1800 1021 421**

For more details, please contact our sales office:

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