

Exclusive ExpertFit™ Modeling Software

Carrier can give you the confidence of knowing you have the right chiller like no other manufacturer can. Our new ExpertFit Modeling Software can illustrate what chiller capacity is possible within the space you have available, and what performance you can expect from the chiller. In other words, you can be sure you're getting a chiller that's an expert fit for your application.



Chillers side by side with brick walls at the end



A chiller between chain-link and louvered walls



Benefits at a Glance

For Building Owners and Managers:

- Reduced operating costs
- Quiet operation
- Greater reliability
- Versatile features
- Low GWP balanced refrigerant

For Consulting Engineers:

- Simple to select
- ASHRAE 90.1-2022 compliant
- High efficiency
- Reduced energy consumption
- Smaller footprint

For Contractors:

- Streamlined installation
- Reduced installation expenses
- Reliable performance
- Easy to start up and operate
- Built-in hydronic package



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carrier.com/30RC



SMALL SPACE, BIG PERFORMANCE.

AquaSnap® 30RC
Air-Cooled Scroll Chiller
10 – 250 Tons (35 – 1,050 kW)





The AquaSnap® 30RC Air-Cooled Scroll Chiller from Carrier

Sustainable, Compact, Efficient

Today's cooling systems are expected to do more – and less. More efficiency with less footprint. More reliability and flexibility with less complexity.

To meet these demands, Carrier developed the all-new AquaSnap® 30RC Air-Cooled Scroll Chiller with Greenspeed® Intelligence. Designed for best-in-class energy efficiency with IPLV up to 19.0, and quieter operation within a tiered approach, the 30RC packs a broader operating range and greater design flexibility into a smaller space, all while complying with the latest refrigerant legislation.

Innovative Features and Flexible Design

With its advanced set of features, the 30RC delivers all the confidence of superior performance, efficiency and design flexibility:

- **Evaporator options:**

The 30RC can offer either brazed plate or shell and tube* evaporator configurations to best meet customer needs.

- **Flexible coil design:**

Choose between either microchannel or aluminum-copper condenser coils.

- **Greenspeed® Intelligence:**

Variable-speed fans contribute to enhanced efficiency and quieter operation.

- **Accurate load matching:**

Multiple compressors or digital scroll* available to concisely provide accurate leaving water temperature and capacity control.

- **Sustainability:**

By using low GWP R-32 refrigerant, the 30RC ensures sustainable operation for years to come.

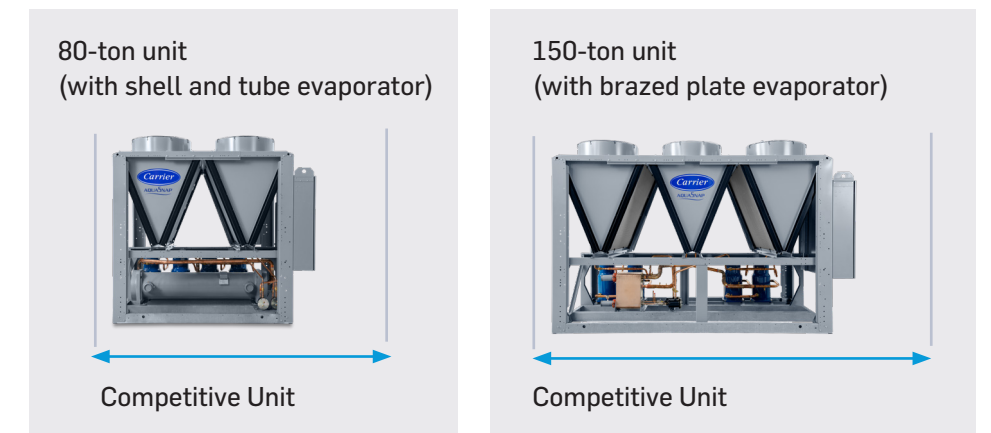


User-friendly controls, a color touchscreen display and a self-optimizing control feature make it easy to achieve optimum performance for any given set of conditions, while also providing building automation system communication capabilities.

Smaller Footprint

Reduced Footprint and Improvement in Efficiency

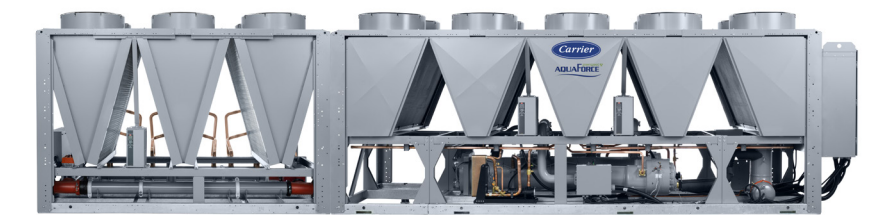
With its tiered approach, the 30RC helps maximize space by offering several different sizes – including the smallest footprint on the market. Whether you have space constraints or are looking to optimize lifecycle costs, the 30RC is the perfect fit.



Innovative Options

Free Cooling

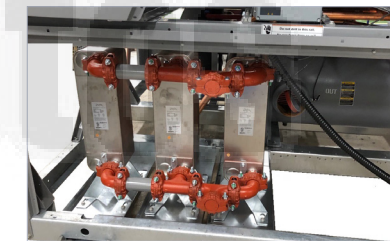
With an intelligent modular waterside economizer design, the package delivers savings without degrading chiller performance.



Free Cooling

Desuperheater*

This option is ideal for applications that simultaneously require chilled water and tempered hot water. Capable of delivering up to 160°F (71°C) hot water.



*Available on select sizes

Weights and Dimensions

Weights include microchannel condenser and brazed plate evaporator

30RC (R-32)	10	15	20	25	30	35	40	45	50	55	60
Length (in.)	67	67	89	89	89	89	89	89	89	89	89
Approx Weight (lb.)	914	955	1271	1400	1434	2237	2255	2337	2356	2458	2561

30RC (R-32)	67	72	82	092C	92	102C	102	112	122C	122	132C
Length (in.)	105	105	105	105	152	152	105	152	152	199	152
Approx Weight (lb.)	3,216	3,436	4,305	3,661	4,378	3,601	4,317	4,639	4,641	5,305	4,953

30RC (R-32)	152C	152	162C	162	182C	182	202C	202	232C	232	252C	252C
Length (in.)	152	199	199	247	247	299	247	299	294	341	294	341
Approx Weight (lb.)	5,009	5,737	6,486	7,300	7,804	8,545	7,945	8,686	9,101	9,890	9,101	9,890