



Carrier AquaSnap® Air-Cooled Scroll Chiller Range Now Available in R-32 Version

Carrier AquaSnap® scroll chiller range is now available with R-32 refrigerant, which improves performance and reduces direct greenhouse gas emissions by up to 80%, compared to the previous range using R-410A refrigerant. The innovative air-cooled range meets requirements for the European F-Gas phase-down of HFC refrigerants and Ecodesign requirements for 2021. Carrier, a world leader in high-technology heating, air-conditioning and refrigeration solutions, is a part of Carrier Global Corporation (NYSE: CARR), a leading global provider of innovative heating, ventilating and air-conditioning (HVAC), refrigeration, fire, security and building automation technologies.



The AquaSnap units are now available with R-32 refrigerant.

Carrier selected R-32 refrigerant, which has a low global warming potential (GWP) of 675, for use in commercial scroll chiller ranges. R-32 has a GWP that is two thirds less than the GWP of the current R-410A version and this change, combined with a significant system refrigerant charge reduction – up to 30% – allows for an exceptional 80% reduction in direct greenhouse gas emissions.

The AquaSnap range reaches an outstanding Seasonal Energy Efficiency Ratio (SEER_{12/7}) of up to 5.33 and a Seasonal Coefficient of Performance (SCOP) of up to 3.77. The range covers capacities from 40 kW to 940 kW.



“Carrier’s AquaSnap range with R-32 refrigerant allows our customers to anticipate compliance to Ecodesign 2021 requirements while supporting the next phase down steps of the European F-Gas regulation for HFC,” said Didier Genois, Vice President, Carrier HVAC-Commercial, Europe. “The range also provides customers with best-in-class performance in heating and cooling conditions.”

The AquaSnap with R-32 refrigerant can meet the needs of a wide scope of applications. The range

covers an extended operating map, up to 48 degrees Celsius outdoor air temperature, and features Carrier's best-in class technologies for maximum efficiency in all conditions, including:

- Multiple scroll compressors able to match load requirements.
- Brazed asymmetric plate heat exchangers with true dual-circuit design for high performance in both full- and partial-load conditions.
- Smart energy monitoring function providing real time capacity provided and energy consumption measurement.
- Greenspeed® intelligence on premium versions: variable-speed fans and variable-speed pumps.



To learn more about Carrier offerings, visit www.carrier.com.

About 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's HVAC business is a part of Carrier, a leading global provider of innovative HVAC, refrigeration, fire, security and building automation technologies. For more information, visit www.carrier.com or follow @Carrier on Twitter.

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