



Alfa Laval AC900

Single-circuit brazed plate heat exchanger



A single-circuit solution that offers world-class performance

The Alfa Laval AC900 is a next-generation, single-circuit brazed plate heat exchanger specially designed for low-density, low-GWP refrigerants. It has been optimized for industrial heat pump and air conditioning applications.

The AC900 has an extra-large gas outlet port and offers efficient performance in both full and partial-load conditions. It is capable of covering a range of capacities, between 300 and 600 kW.

The AC900 also offers high efficiency in applications that use compressors with inverters, including screw compressors.



Efficient operation, ECO design

As the newest addition to the Alfa Laval brazed heat exchanger portfolio, the AC900 was designed to help end customers move toward carbon neutrality.

The large capacity of the AC900 creates new possibilities in applications where shell-and-tube heat exchangers currently dominate, which may help our customers achieve their sustainability targets.

Not only does the AC900 meet the performance requirements of SEER, the Seasonal Energy Efficiency Ratio, defined by the Air Conditioning, Heating and Refrigeration Institute; it also complies with the European Environment Agency's ECO design requirements.



Unique features

The Alfa Laval AC900 incorporates several unique features designed to boost its performance.



DynaStatic distribution is highly flexible, making the AC900 adaptable to future trends and customer needs, including changes in application requirements, new refrigerants, and other requests. The AC900 can be custom configured for heat pumps, as well as for air conditioning or process chillers.



IceSafe helps customers prevent and manage freezing in applications with low temperatures.



ReFuture ensures that the AC900 is designed for optimal performance not only with today's refrigerants, but with tomorrow's, making it a future-proof investment that allows customers proactively to address sustainability goals and legislative requirements.



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Made in San Bonifacio

The AC900, was developed and manufactured at Alfa Laval's state-of-the-art facilities in San Bonifacio, Italy.

Learn more at www.alfalaval.com/AlfaLavalAC900

