

# Technical Specification



Brazed plate heat exchanger

Date: **02 August 2021**

Type: **AC-500EQ-180H**

Article number: **3287076467**

Alfa Laval AC, Alfa Chill, is a brazed plate heat exchanger with an integrated distribution system optimized for air conditioning and refrigeration applications as evaporator, condenser or in cascade systems. The heat exchanger is made of thin corrugated stainless steel plates soldered together with copper. The unit is gasket free with a compact and self-cleaning design, easy to install and requires a low service level. The integrated distribution system ensures an even distribution of refrigerant in the heat exchanger creating an efficient heat transfer.

The Alfa Laval AC is produced in accordance with the quality management system ISO 9001, the environmental management system ISO 14001 and the European Pressure Equipment Directive 2014/68/EC. Each heat exchanger unit is pressure tested. AutoCAD drawings, 3D models and accessories are available as options.

Capacity (kW):	<b>176 kW</b>
Condensing Temp. (°C):	<b>Tcond. +38 °C</b>
Temp. secondary side (°C):	<b>30 → 35 °C</b>
Max. Pressure Drop (kPa):	<b>50 kPa</b>
Length (mm):	<b>622 mm</b>
Width (mm):	<b>322 mm</b>
Height (mm):	<b>739 mm</b>
Weight (kg):	<b>163,3 kg</b>