

# Technical Specification



Brazed plate heat exchanger

Date: **Wednesday, January 22, 2025**

Type: **CBH18-39H**  
Article number: **3287101629**

Alfa Laval CB, Copper Brazed, is a brazed plate heat exchanger 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 Alfa Laval CB is suitable for heating and cooling within a wide range of applications such as HVAC and industrial applications.

The Alfa Laval CB 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>40 kW</b>      |
| Temp primary side (°C):          | <b>70 → 30 °C</b> |
| Temp. secondary side water (°C): | <b>10 → 60 °C</b> |
| Flow rate primary side (kg/h):   | <b>862 kg/h</b>   |
| Flow rate secondary side (kg/h): | <b>689 kg/h</b>   |
| Max. Pressure Drop (kPa):        | <b>20 kPa</b>     |
| Depth (mm):                      | <b>110 mm</b>     |
| Width (mm):                      | <b>74 mm</b>      |
| Height (mm):                     | <b>316 mm</b>     |
| Weight (kg):                     | <b>3,1 kg</b>     |