

Technical Specification



Brazed plate heat exchanger

Date: **Wednesday, 15 January 2025**

Type: **DOC30-50H**
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Alfa Laval DOC, Dedicated Oil Cooler, is a brazed plate heat exchanger with robust connection flanges optimized for hydraulic oil cooling applications. 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 robust connection flanges are designed to simplify installation and withstand large nozzle loads.

The Alfa Laval DOC 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.

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|----------------------------|-------------------|
| Capacity (kW): | 45 kW |
| Temp primary side (°C): | 60 → 50 °C |
| Temp. secondary side (°C): | 20 → 28 °C |
| Flow primary (L/min): | 159,3 |
| Flow secondary (L/min): | 79,8 |
| Weight (kg): | 6,7 kg |