

Technical data

Pressure equipment certification

PED 97/23/EC

Design based on AD2000 or ASME VIII div.1

Design pressure

6–10 bar

Configurations with higher pressures are available on request

Design temperature

-60°C to 110°C

Standard materials

Pressure vessel and structure

Tube material

Copper

- Outside diameter 12 mm or 16 mm
- Thickness 0.35–0.5 mm

Stainless steel 304 or 316L

- Outside diameter 16 mm thickness 0.5 mm

Fin material

Aluminium

- Thickness 0.18 mm

Seawater-resistant aluminium (AlMg2.5)

- Thickness 0.18 mm

Epoxy-coated aluminium

- Thickness 0.18 mm

Copper

- Thickness 0.15 mm

Header material

Copper or stainless steel 304 or 316L

Tubular or openable type

Fin spacing

2.3–4 mm

Fin coating

Blygold, F-coat, Heresite

Casing

Hot-dip galvanized, aluzinc and zinc coated

Other materials and customized painting are available on request

Fan and electrical components

Number of fans

Maximum 7

Fan material

Glass-reinforced polyamide (PAG) or aluminium

Fan balancing in accordance with ISO1940

Fan sizes

1.2 m and 2 m

Fan motors

Built to IEC or special standards (NEMA, explosion-proof, nuclear standard, etc.)

Motor options include anti-condensation heaters, vibration sensors, PTC and klixon thermistors.

Electrical control and options

Terminal/junction box

Motor protective switch panel

Step control

Frequency control

Standard connections

Flanges EN 1092 or ANSI B16.5

PN10, PN16 or 150 lbs, higher on request

Size

DN65 (2.5 inches) to DN125 (5 inches)

Options

Dual coils for low-temperature and high-temperature cooling circuits

Hot-dip galvanized steel structure up to 6 m in height

Handrails and ladder



WAP COOLING

PEE00377EN 1405

How to contact Alfa Laval
Up-to-date Alfa Laval contact details for
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website at www.alfalaval.com