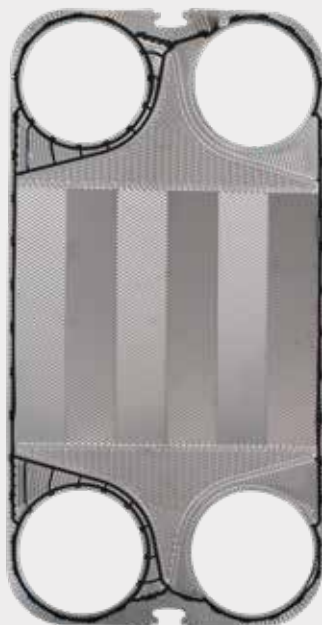


Plate Heat Exchanger AF500 Series

AF502



SonFlow offers a wide range of AHRI-certified® products, including the AF500 series. The series is certified in the category of "AHRI Liquid to Liquid Heat Exchangers," which confirms the thermal performance according to the specified specifications. With the AF500 series, SonFlow offers a reliable and efficient single-pass solution that is suitable for many different applications. This is a cost-effective solution that ensures optimal heat transfer and minimal maintenance.

Typical applications:

- HVAC-R
- Geothermal
- General industry
- Marine
- Chemical industry
- Sugar industry
- Mining
- Data centres

- Design pressure up to 16 bar
- Operating temperature: up to 180° C
- Leak chamber
- Fixed bolt head
- Lifting lug
- Lining
- Lock washer

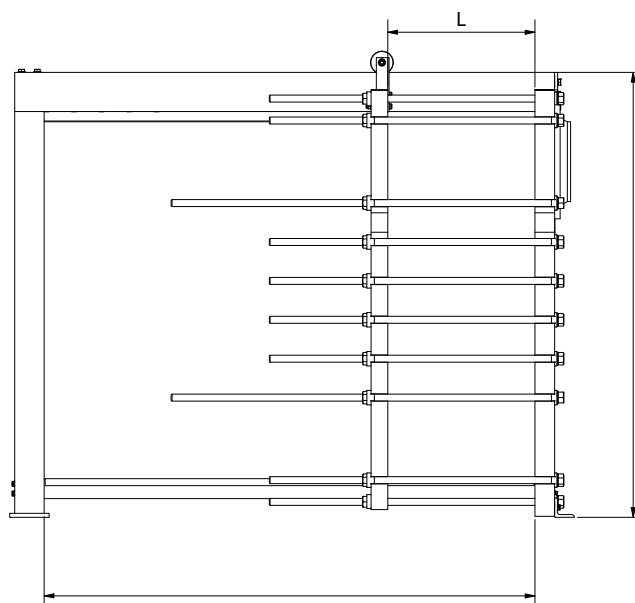
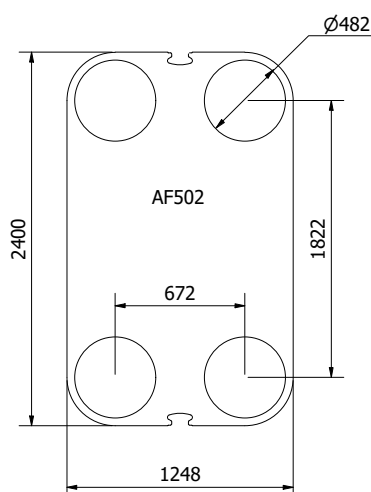
Features:

Every detail is carefully designed to ensure optimal performance, reduced maintenance costs and decreased downtime:

- Compact design
- High flexibility
- Gentle product handling

Benefits:

- Lower operating costs
- Cost-effective
- Easy assembly
- Increased energy efficiency
- Easy cleaning
- Dead spots, that cause corrosion and fouling are eliminated



Dimensions in mm

Design pressure:

- Painted frames: 1.0/1.6 MPa (145/232 PSI)

Construction standards:

- EN13445
- ASME sec VIII, Div. 1

Frame:

- Painted frame, RAL 5010 (available in other colours)

Connections:

- DN 500/20" flange in carbon steel, rubber lined or clad with AISI 316 or titanium
- According to all known standards

Plate material:

- AISI 304/316 and titanium
- Other materials available on request

Gaskets:

- Glued gasket
- Materials: NBR, EPDM and Viton
- Other materials available on request

Accessories:

- Drip tray
- Insulation jackets
- Safety cover
- Assembling spanner
- Foundation feet



AHRI Certified® is the trusted mark of performance for heating, air conditioning, water heating, and commercial refrigeration equipment.

To find AHRI Certified products, go to www.ahridirectory.org.

Certificerede products in the AF500 Series

Model	Fluids	AHRI-Ref.
AF501	W, S, PG	217334131
AF501	EG	217336163

Fluids

EG = Ethylene Glycol

W = Water

S = Seawater

PG = Propylene Glycol