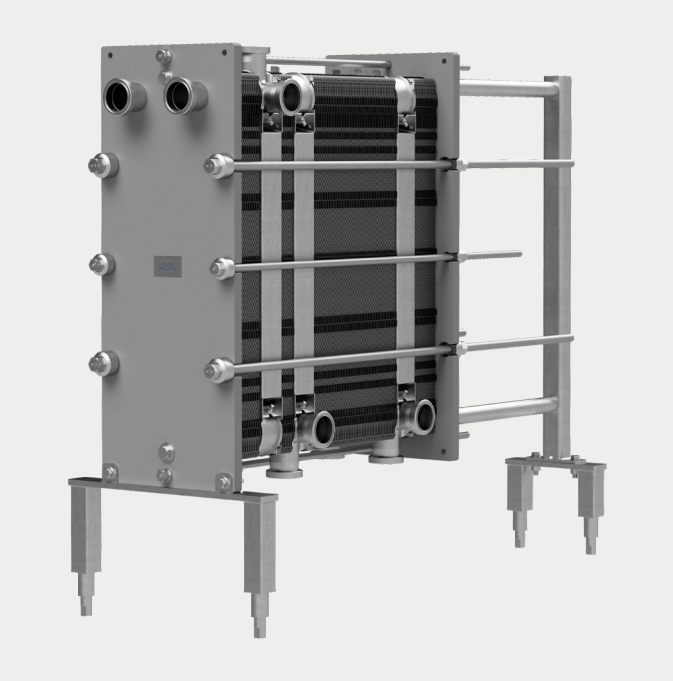
Alfa Laval H8

Gasketed plate heat exchanger for hygienic applications

Introduction

Alfa Laval Hygienic line is a range of premium heat exchangers specifically developed for pharmaceutical, dairy, beverage, brewery and other industries where hygiene standards must not be compromised.

The optimal flow distribution ensures superior cleanability and long operating times. Our special plate pattern provides gentle treatment of delicate products. Several innovative design features of both plate and gasket enable safe food production.



Applications

- Biotech and Pharmaceutical
- Food, Dairy and Beverages
- Home and Personal care

Benefits

- Superior hygienic standards – plates designed with food safety as top priority
- Gentle treatment of sensitive products
- Uncompromising cleanliness
- Superior distribution for long running hours
- Gives a plate package with perfect match between the plates
- Flexible configuration – possible to rebuild the heat exchanger

Features

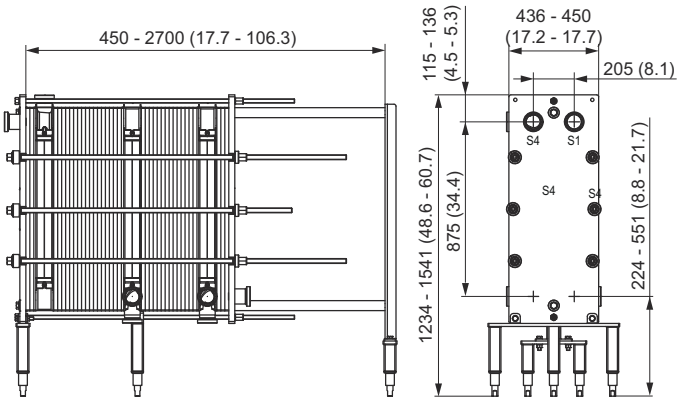
Every detail is carefully designed to ensure the highest hygienic standards, gentle product treatment and efficient cleaning. Selection of available features, depending on configuration some features may not be applicable:

ClipGrip™ gasket attachment	Ensures perfect seal and trouble-free maintenance
SteerLock™ plate alignment	Ensures reliable plate positioning and easy service
SmoothPort™	Prevents buildup and maximizes cleanability and drainability
CleanChannel™	Facilitates the removal of particles during cleaning
EquiFlow™	Optimizes media flow, enabling uniform heat treatment with minimal fouling

- SmoothPort™
- ClipGrip™ gasket attachment
- Hygienic leak chamber
- SteerLock™ plate alignment
- Interchangeable corners
- Hygienic adjustable feet
- EquiFlow™
- CleanChannel™

Dimensional drawing

Measurements mm (inches)



Technical data

Component	Material
Heat transfer plate, Single plate:	316, Ti Alloy 316, Titanium
Field gasket:	NBR, EPDM
Frame plate and pressure plate:	Solid stainless steel Cladded stainless steel Carbon steel, epoxy painted

Other materials may be available on request.

The plate heat exchanger can be manufactured according to 3A certification.

The gaskets are produced in compliance with the regulations of FDA.

Operational data

Specification	Value
Pressure vessel codes	pvcALS, ASME, PED
Temperature range °C (°F)	From -10 to 160 (from 14 to 320)
Pressure range barg (psig)	From absolute vacuum to 24.0 (from absolute vacuum to 348)

Extended pressure and temperature rating may be available on request.

Connections

Clamp, SMS, DIN (unions and flanges), BS/RJT, and IDF/ISO.

Accessories

Available accessories for this product:

- Tightening bolt protection

General remarks for technical information

- The global offering presented in this leaflet may not be available for all regions
- All combinations may not be configurable

Alfa Laval service offering

Our vision is to be your trusted partner for service, driving sustainable performance together. The Alfa Laval portfolio of service offers for Plate Heat Exchangers from start-up of your operations, through operation, process improvements, and replacement. Throughout the lifecycle, we bring you more than 140 years of technical experience and innovative service solutions tailored to your business needs. Easily accessible through our people all over the world.

For information about our complete service offering and how to contact us, please visit www.alfalaval.com/service.

Sustainability at Alfa Laval

At Alfa Laval we are committed to reaching net zero 2050 across our complete value chain. Our products and solutions support our customers to meet sustainability goals, boost circular business, and develop sustainable value chains. We are living our commitments by also setting clear targets to reach net zero emissions in our own operations and to reduce emissions upstream and downstream in our value chains. For more information about our sustainability journey and our sustainability targets aimed to drive efficiency and behavioural change to achieve better results in the short- and long term, please visit www.alfalaval.com/sustainability.

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