

Alfa Laval T8

Gasketed plate-and-frame heat exchanger for a wide range of applications

Alfa Laval Industrial line is a wide product range that is used in virtually all types of industry.

Suitable for a wide range applications, this model is available with a large selection of plate and gasket types.

Applications

- Biotech and Pharmaceutical
- Chemicals
- Energy and Utilities
- Food and Beverages
- HVAC and Refrigeration
- Machinery and Manufacturing
- Marine and Transportation •
- Mining, Minerals and Pigments
- Pulp and Paper
- Semiconductor and Electronics •
- Steel •

Benefits

- High energy efficiency low operating cost
- Flexible configuration heat transfer area can be modified
- Easy to install compact design
- High serviceability easy to open for inspection and cleaning and easy to clean by CIP
- Access to Alfa Laval's global service network

Features

Every detail is carefully designed to ensure optimal performance, maximum uptime and easy maintenance. Selection of available features:

- Corner guided alignment system •
- CurveFlow[™] distribution area ClipGrip[™] gasket
- •
- Leak chamber ٠
- Fixed bolt head
- Key hole bolt opening •
- Lifting lug
- Lining
- Lock washer
- Tightening bolt cover



Extending performance

with Alfa Laval 360° Service Portfolio

Our extensive services ensure top performance from your Alfa Laval equipment throughout its life cycle. The availability of parts and our team's commitment and expertise bring you peace of mind.

Start-up

- Installation
- Installation Supervision
- Commissioning

Maintenance

- **Cleaning Services**
- Reconditioning
- Repair
- Service Tools
- Spare Parts

Support

- Exclusive Stock
- Technical Documentation
- Telephone Support ٠
- Training
- Troubleshooting

Improvements

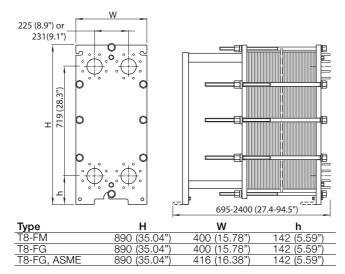
- Equipment Upgrades
- Redesign
- Replacement and Retrofit

Monitoring

- Condition Audit Performance Audit

Dimensional drawing

Measurements mm (inches)



The number of tightening bolts may vary depending on pressure rating.

Technical data

Plates

Name	Туре	Free channel, mm (inches)
T8-B	Single plate	2.3 (0.091)
T8-M	Single plate	3.9 (0.15)

Materials

Heat transfer plates	304/304L, 316/316L Ti
Field gaskets	NBR, EPDM
Flange connections	Metal lined: stainless steel, titanium Rubber lined: NBR
Frame and pressure plate	Carbon steel, epoxy painted

Other materials may be available on request.

All option combinations may not be configurable.

Operational data Frame, Max. design temperature Max. design PV-code pressure (°C/°F) (barg/psig) FM, pvcALS 13.5/196 180/356 FM, PED 13.0/188 180/356 FG, pvcALS 15.5/225 180/356 FG, ASME 10.3/150 250/482 FG, PED 17.5/253 180/356

Extended pressure and temperature rating may be available on request.

Flange connections

FM, pvcALS	EN 1092-1 DN80 PN10
	ASME B16.5 Class 150 NPS 3
	JIS B2220 10K 80A
FM, PED	EN 1092-1 DN80 PN10
	ASME B16.5 Class 150 NPS 3
FG, pvcALS	EN 1092-1 DN80 PN10
	EN 1092-1 DN80 PN16
	ASME B16.5 Class 150 NPS 3
	JIS B2220 10K 80A
	JIS B2220 16K 80A
FG, ASME	ASME B16.5 Class150 NPS 3
FG, PED	EN 1092-1 DN80 PN16
	ASME B16.5 Class 150 NPS 3

Standard EN1092-1 corresponds to GOST 12815-80 and GB/T 9115.

CHE00077EN 2016-04

Alfa Laval reserves the right to change specifications without prior notification.

How to contact Alfa Laval

Contact details for all countries are continually updated on our website. Please visit www.alfalaval.com to access the information direct.