



# 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

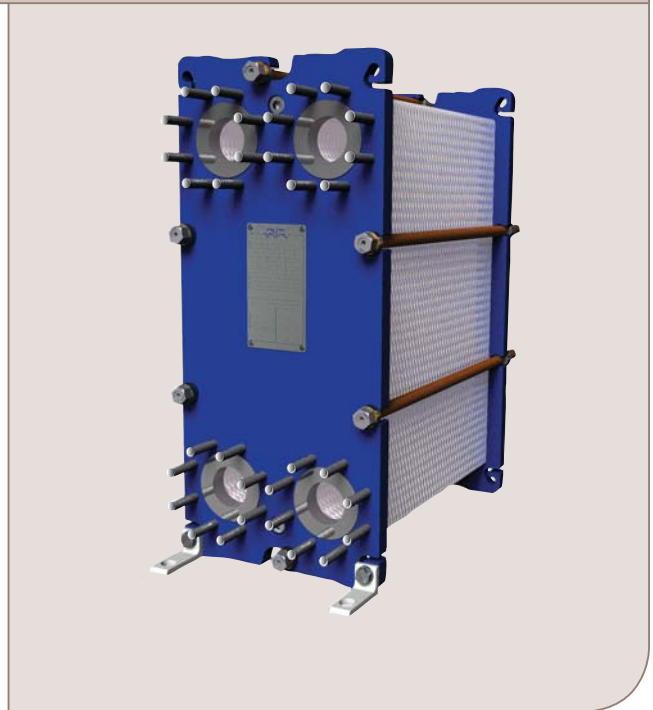
### Benefits

- 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
- 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
- Training
- Troubleshooting

#### Improvements

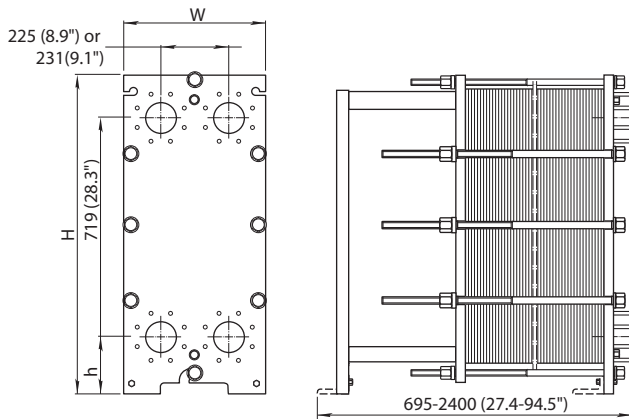
- Equipment Upgrades
- Redesign
- Replacement and Retrofit

#### Monitoring

- Condition Audit
- Performance Audit

## Dimensional drawing

Measurements mm (inches)



Type	H	W	h
T8-FM	890 (35.04")	400 (15.78")	142 (5.59")
T8-FG	890 (35.04")	400 (15.78")	142 (5.59")
T8-FG, ASME	890 (35.04")	416 (16.38")	142 (5.59")

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

## Technical data

### Plates

Name	Type	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, PV-code	Max. design pressure (barg/psig)	Max. design temperature (°C/°F)
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 Class 150 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.