



## Alfa Laval M line TS6

### Gasketed plate-and-frame heat exchanger for hygienic applications

Alfa Laval M line is a range of gasketed plate-and-frame heat exchangers used in dairy, food, beverage and other hygienic applications. M line is used when the design pressure is above 10 barg (145 psig) or when long plate packs are required. A large range of plate and gasket types is available.

The relatively short plate makes this model suitable for duties with short temperature programs and when a low pressure drop is appreciated. A large range of plate and gasket types is available.

#### Applications

- Biotech and Pharmaceutical
- Energy and Utilities
- Food and Beverages
- Home and Personal care

#### 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

- Corner guided alignment system
- Clip-on gasket
- Leak chamber
- Fixed bolt head
- Key hole bolt opening
- Lifting lug
- Lining
- Adjustable feet
- 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

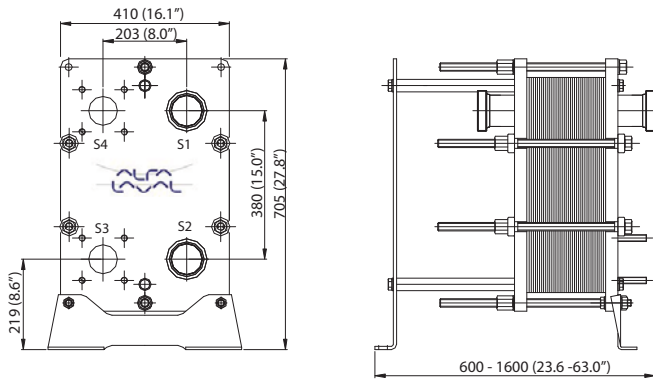
- Equipment Upgrades
- Redesign
- Replacement and Retrofit

#### Monitoring

- Condition Audit
- Performance Audit

## Dimensional drawing

Measurements mm (inches)



## Technical data

### Plates

Name	Type	Free channel, mm (inches)
TS6-M	Single plate	4.0 (0.16)

### Materials

Heat transfer plates	316/316L
Field gaskets	NBR, EPDM, FKM
Connections	Acid proof stainless steel
Frame and pressure plate	Solid stainless steel, clad stainless steel or surface coated

The plate heat exchanger is manufactured according to 3A certification.

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

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)
FMC, PED	10.0/145	175/347

Extended pressure and temperature rating may be available on request.

### Connections

DIN, SMS, Tri-CLAMP, BS/RJT and IDF/ISO male parts.

### How to contact Alfa Laval

Contact details for all countries are continually updated on our website. Please visit [www.alfalaval.com](http://www.alfalaval.com) to access the information direct.