Alfa Laval Base 3

Gasketed plate-and-frame heat exchanger for hygienic applications

Alfa Laval BaseLine is a range of gasketed plate-and-frame heat exchangers used in dairy, food, beverage and other hygienic applications requiring thermally efficient performance. A large range of plate and gasket types is available.

In addition to normal single plate configuration, this model is also available with Gemini double wall plates. Gemini plates are fully cleanable and accessible and are used as an extra precaution to avoid intermixing of fluids.

Applications
- Biotech and Pharmaceutical
- 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
Every detail is carefully designed to ensure thermal efficiency, optimal performance and easy cleaning. Selection of available features:

- Clip-on gasket
- Leak chamber
- Fixed bolt head
- Key hole bolt opening

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

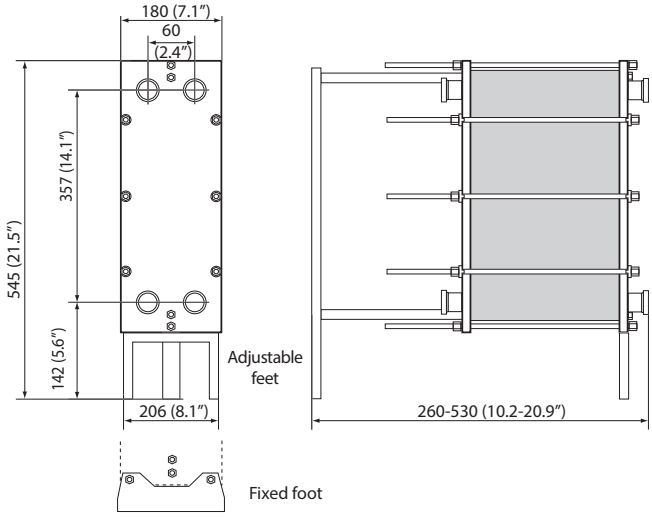
Support
- Exclusive Stock
- Technical Documentation
- Telephone Support
- Training
- Troubleshooting

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)
M3	Single plate	2.4 (0.095)
M3-G	Gemini (hygienic) Double wall	2.4 (0.095)

Materials

Heat transfer plates	316/316L Ti
Field gaskets	EPDM, FKM
Connections	Acid proof stainless steel
Frame and pressure plate	Solid stainless steel, cladded 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)
RM, pvcALS	10.0/145	160/320
RM, PED	10.0/145	160/320

Extended pressure and temperature rating may be available on request.

Connections

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

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.

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