Alfa Laval Base 6

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:
- Corner guided alignment system
- Chocolate pattern distribution area
- Clip-on gasket
- Leak chamber
- Bearing box
- Fixed bolt head
- Key hole bolt opening
- Lock washer
- Adjustable feet

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)

Fixed foot
570-1930 (22.4-76.0") 320 (12.6")
1018 +/- 25 mm (40.5" +/- 1.0")
640 (25.2")
290 +/- 25 mm (11.4" +/- 1.0")*
305 (12.0")
140 (5.5")

Adjustable feet

Technical data

Plates

<table>
<thead>
<tr>
<th>Name</th>
<th>Type</th>
<th>Free channel, mm (inches)</th>
</tr>
</thead>
<tbody>
<tr>
<td>M6</td>
<td>Single plate</td>
<td>2.0 (0.079)</td>
</tr>
<tr>
<td>M6-M</td>
<td>Single plate</td>
<td>3.0 (0.12)</td>
</tr>
<tr>
<td>M6-MG</td>
<td>Gemini (hygienic) Double wall</td>
<td>3.0 (0.12)</td>
</tr>
</tbody>
</table>

Materials

Heat transfer plates 316/316L, 254 Ti
Field gaskets NBR, 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

<table>
<thead>
<tr>
<th>Frame, PV-code</th>
<th>Max. design pressure (barg/psig)</th>
<th>Max. design temperature (°C/°F)</th>
</tr>
</thead>
<tbody>
<tr>
<td>RM, pvcALS</td>
<td>10.0/145</td>
<td>160/320</td>
</tr>
<tr>
<td>RM, PED</td>
<td>10.0/145</td>
<td>160/320</td>
</tr>
</tbody>
</table>

Extended pressure and temperature rating may be available on request.

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