

HEX31011

Gasketed plate heat exchanger for diverse applications

Introduction

This industrial product line includes a variety of models suitable for diverse industries. Designed for flexibility, it offers a range of plate and gasket types for multiple applications.

Applications

- Food and Pharmaceutical
- Chemicals
- Energy and Utilities
- Dairy 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 - adjustable heat transfer area
- Easy to install - compact design
- High serviceability - easy to inspect, clean, and maintain. Cleaning with CIP
- Global service network available

Features

Engineered for optimal performance, maximum uptime, and simplified maintenance. A selection of available features, applicability depending on configuration:

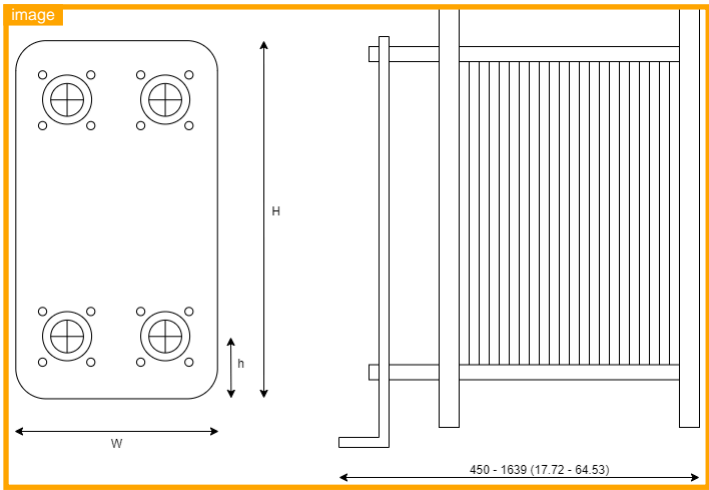
- list-item Corner guided alignment system
- list-item Advanced fluid distribution with FluDistDesigner
- list-item BasketGrip gasket attachment
- list-item Gasket groove
- list-item Port noncircular port holes
- list-item Chamber
- list-item Bolt head
- list-item Key hole bolt opening
- list-item Lug
- list-item
- list-item Washer
- list-item Tightening bolt cover

Service Options

A comprehensive range of services ensures peak performance throughout the product's lifecycle. Available services include installation, cleaning, repair, spare parts, and technical support. Replacement, retrofitting, testing, monitoring, and additional options are also offered. For more information, consult your service provider.

Dimensional drawing

Measurements mm (inches)



col-headerFrame type	col-headerH	col-headerW	col-headerh
table-cellAD	table-cell850 (33.46")	table-cell420 (16.54")	table-cell137 (5.39")
table-cellEG	table-cell860 (33.86")	table-cell410 (16.14")	table-cell148 (5.83")
table-cellALB	table-cell900 (35.43")	table-cell412 (16.22")	table-cell135 (5.31")

The number of tightening bolts may vary depending on pressure rating

Technical data

col-header Plates	col-header Type	col-header Free channel, mm (inches)
table-cell C	table-cell Single plate	table-cell 1.8 (0.071)
table-cell K	table-cell Single plate	table-cell 3.1 (0.122)

col-header Material	col-header
table-cell Heat transfer plates	table-cell 201/202L
table-cell Field gaskets	table-cell CGB, XGBL
table-cell Flange connections	table-cell Metal lined: stainless steel, titanium Rubber lined: CGB
table-cell Frame and pressure plate	table-cell Carbon steel, epoxy painted

Additional material options can be provided as needed.

Operating data

col-header Frame type	col-header Max. design pressure bar (psi)	col-header Max. design temperature °C (°F)
table-cell AD, PED	table-cell 9.0 (131)	table-cell 150 (302)
table-cell AD, pvcALS	table-cell 9.5 (138)	table-cell 160 (320)
table-cell EG, pvcALS	table-cell 11.5 (167)	table-cell 180 (392)
table-cell EG, ASME	table-cell 15.3 (91)	table-cell 240 (464)
table-cell EG, PED	table-cell 13.5 (196)	table-cell 195 (383)

Extended pressure and temperature rating may be available on request.

General remarks for technical information

- The global offering presented in this leaflet may not be available for all regions
- All combinations may not be configurable

Flange connections

col-header Frame type	col-header Connection Standard
table-cell AD, pvcALS	table-cell EN 1092-1 DN80 PN10 ASME B16.5 Class 150 NPS 3 J S B2220 10K 80A
table-cell AD, PED	table-cell EN 1092-1 DN80 PN10 ASME B16.5 Class 150 NPS 3
table-cell EG, pvcALS	table-cell EN 1092-1 DN80 PN16 ASME B16.5 Class 150 NPS 3 J S B2220 10K 80A J S B2220 16K 80A
table-cell EG, ASME	table-cell ASME B16.5 Class 150 NPS 3 EN 1092-1 DN80 PN16
table-cell EG, PED	table-cell EN 1092-1 DN80 PN16 ASME B16.5 Class 150 NPS 3
text Standard EN1092-1 corresponds to GOST 12815-80 and GB/T9124.1.	