

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

- Biotech and Pharmaceutical
- Chemicals
- Energy and Utilities
- Food, 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:

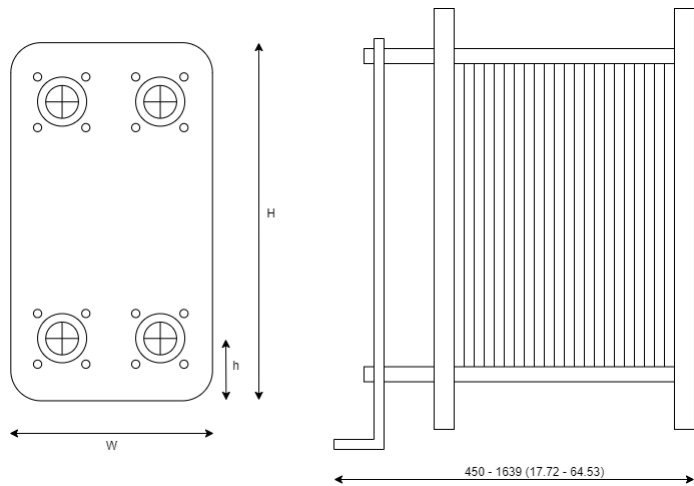
- Corner guided alignment system
- Advanced fluid distribution with FluDistDesigner
- GasketGrip gasket attachment
- Offset gasket groove
- DeltaPort noncircular port holes
- Leak chamber
- Fixed bolt head
- Key hole bolt opening
- Lifting lug
- Lining
- Lock washer
- Tightening bolt cover

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)



Frame type	H	W	h
AD	850 (33.46")	420 (16.54")	137 (5.39")
EG	860 (33.86")	410 (16.14")	148 (5.83")
ALB	900 (35.43")	412 (16.22")	135 (5.31")

The number of tightening bolts may vary depending on pressure rating

Technical data

Plates	Type	Free channel, mm (inches)
C	Single plate	1.8 (0.071)
K	Single plate	3.1 (0.122)

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

Additional material options can be provided as needed.

Operating data

Frame type	Max. design pressure bar (psi)	Max. design temperature °C (°F)
AD, PED	9.0 (131)	150 (302)
AD, pvcALS	9.5 (138)	160 (320)
EG, pvcALS	11.5 (167)	180 (392)
EG, ASME	6.3 (91)	240 (464)
EG, PED	13.5 (196)	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

Frame type	Connection Standard
AD, pvcALS	EN 1092-1 DN80 PN10 ASME B16.5 Class 150 NPS 3 JIS B2220 10K 80A
AD, PED	EN 1092-1 DN80 PN10 ASME B16.5 Class 150 NPS 3
EG, pvcALS	EN 1092-1 DN80 PN16 ASME B16.5 Class 150 NPS 3 JIS B2220 10K 80A JIS B2220 16K 80A
EG, ASME	ASME B16.5 Class 150 NPS 3 EN 1092-1 DN80 PN16
EG, PED	EN 1092-1 DN80 PN16 ASME B16.5 Class 150 NPS 3

Standard EN1092-1 corresponds to GOST 12815-80 and GB/T9124.1.