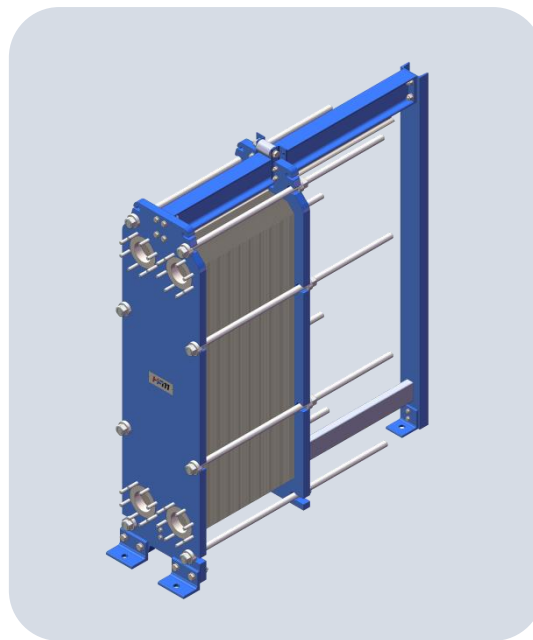


Design Principle

The HF model is HFM wide gap series, which is used for fibrous fluids, dirty fluids containing large particles and highly viscous fluids. It's easy to allow these fluids passing through the heat exchanger without clogging.

HF0122A plate with the length of 1.5 m and a "long" thermal pattern will cover many duties up to 160 m³/h with 16mm plate gaps.

By means of countercurrent flow, the hot medium transfers heat to the cold medium through the plates between channels without mixing the two media, create optimal heat transfer efficiency.



Features

Every detail is carefully designed to ensure optimal performance, maximum uptime and easy maintenance. Selection of available features:

- Hanging alignment structure
- Reinforced hanger
- Chocolate pattern distribution area
- Leak chamber
- Glue-free gasket
- Fixed bolt head
- Lock washer
- Lifting holes
- Lining
- Tightening bolt cover
- Pressure plate roller

Benefits

- High heat transfer efficiency
- Low operating cost
- Compact design
- Easy to install and maintenance
- Flexible plate layout
- Extend runtime before fouling
- Suitable for various applications

Recommended Applications

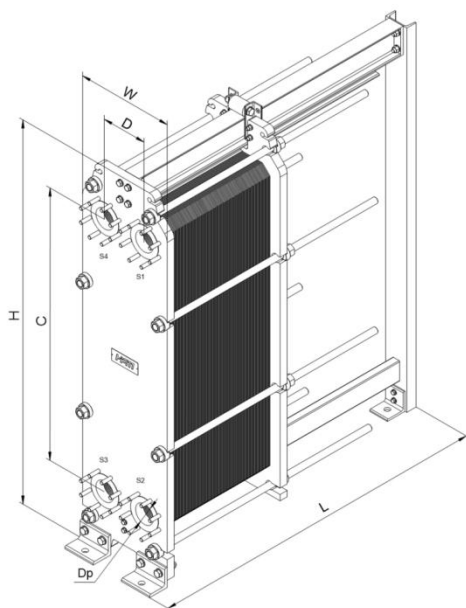
- Oil and Gas
- Food and Beverages
- Chemicals
- Water and Waste treatment
- Mining, Minerals and Pigments
- Pulp and Paper
- Other place for heat exchange

Services

HFM provides comprehensive services to ensure the efficient and stable operation of customer equipment.

- Technical support
- Customized solutions
- Technical Documentation
- Technical Training
- Installation Supervision
- Cleaning Services
- Spare Parts
- Replacement
- Equipment Upgrades
- Troubleshooting

Dimensional drawing



RATING	C/mm	D/mm	H/mm	W/mm	Lmax/mm
PN6	1326	204	1947	480	3183
PN10	1326	204	1947	480	3188
PN16	1326	204	1947	480	3193

The dimensions of the table are for reference only. The actual dimensions shall be subject to the GA drawings.

Connection Type: DN100

Studded; Welded flange...

Other connection types may be available on request.

Connection Standard:

Flange: HG/T20592; ASME B16.5; EN 1092-1; JIS B2220...

Other connection standards may be available on request.

Materials

Heat transfer plates	304/304L, 316/316L, 904L, 254SMO; C-276, C-2000; Nickel; Titanium; Titanium-Palladium
Sealing gaskets	EPDM; EPDM-HT; NBR; NBR-HT; HNBR; Viton; Food grade gaskets
Frame plate	Carbon Steel; Stainless Steel; Carbon Steel clad Stainless Steel Painted frame, color RAL 5002 (available in other colors)

Other materials may be available on request.

Design data

Design pressure	Max 10.0 barg
Design temperature	Max 180.0°C
Max. number of plates	220
Design Code	NB/T47004.1; ASME BPVC VIII.1; PED...

Other specifications may be available on request. Please contact HFM.