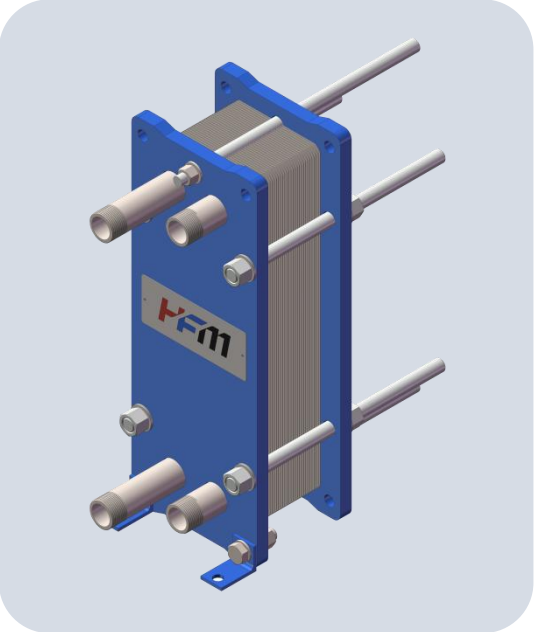
HG0113A

Design Principle

The HG0113A plate with the length of 0.43 m and a “long” thermal pattern will cover many duties up to 15 m3/h in a single pass solution, satisfying many application requirements. For the one pass solution design, all connections are on the fixed frame side which will easier the plate heat exchanger installation and disassembling. When do cleaning and maintenance jobs, no need to remove the pipes.

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:

- Leak chamber
- Glue-free gasket
- Fixed bolt head
- Lifting holes
- Lining
- Tightening bolt cover

Benefits

- High heat transfer efficiency
- Low operating cost
- Compact design
- Easy to install and maintenance
- Flexible plate layout
- High pressure and temperature
- Suitable for various applications

Recommended Applications

- HVAC and Refrigeration
- Marine and Transportation
- Oil and Gas
- Food and Beverages
- Semiconductor and Electronics
- Chemicals
- Water and Waste treatment
- Mining, Minerals and Pigments
- Energy and Utilities
- Steel
- 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

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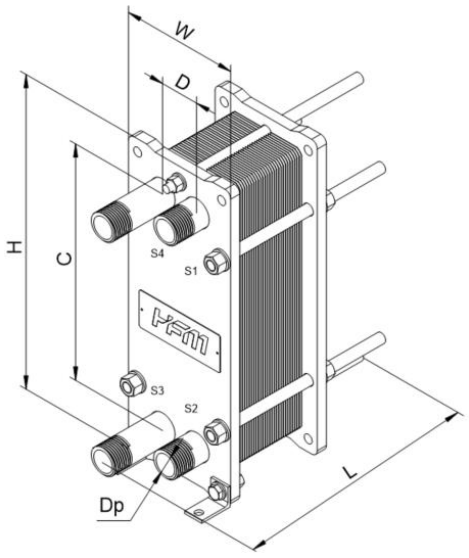
Dimensional drawing



RATING	C/mm	D/mm	H/mm	W/mm	Lmax/mm
PN6	357	60	480	180	821
PN10	357	60	480	180	821
PN16	357	60	480	180	825
PN25	357	60	480	180	830

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

Connection Type: DN32

Thread pipe; Studded; Welded flange; SMS; Tri-clamp; DIN11851...
Other connection types may be available on request.

Connection Standard:

Thread pipe: ISO228-G; NPT; BSP;
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, 317, 904L, 254SMO; C-276, C-2000; Nickel; Titanium; Titanium-Palladium
Sealing gaskets	EPDM; EPDM-HT; NBR; NBR-HT; HNBR; Viton; CR; Food grade gaskets
Frame plate	Carbon Steel; Stainless Steel; Carbon Steel cladded Stainless Steel Painted frame, color RAL 5002 (available in other colors)

Other materials may be available on request.

Design data

Design pressure	Max 25.0 barg
Design temperature	Max 180.0°C
Max. number of plates	140
Design Code	NB/T47004.1; ASME BPVC VIII.1; PED...

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