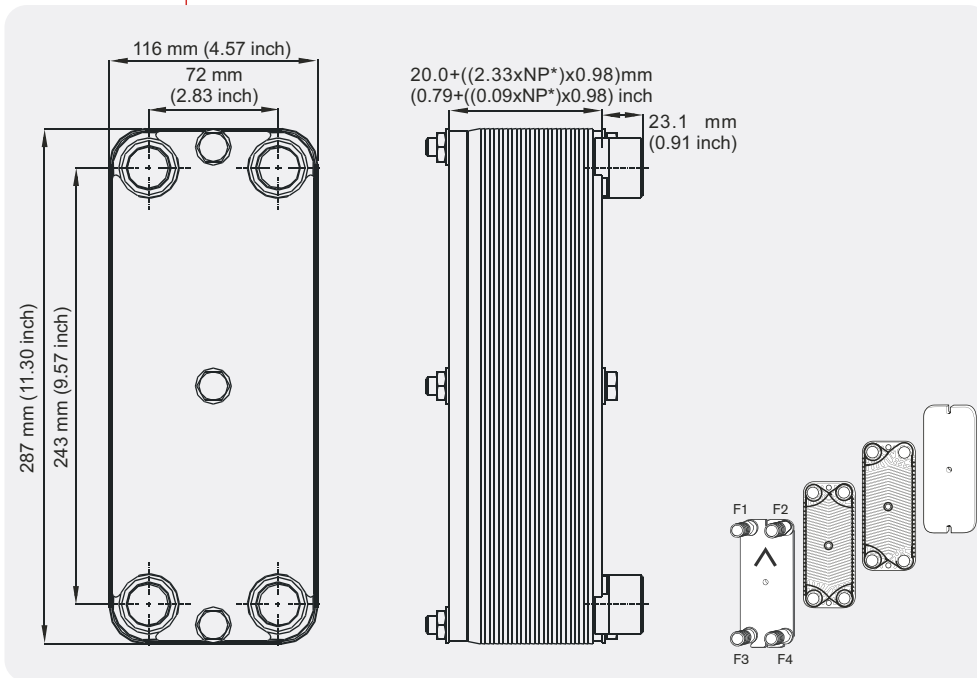


M10



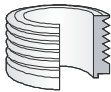
Thanks to an ingenious basic design, M10 combines excellent heat transfer with a compact size despite the use of rubber gaskets. For applications with small and moderate flows of 12 m³/h (53 usg/min.) M10 offers great opportunities for precise customization. The product can be adapted for numerous configurations and material combinations, e.g. titanium channel plates.

M10

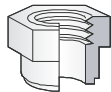


Standard connections

For specific dimensions, or information about other types of connections, please contact your SWEP sales representative.



Externally



Int. Threaded
with Hex. Ext.

Technical data

| | |
|-------------------------------|--|
| Max flow rate | 12 m ³ /h (53 usg/min.) |
| Max working pressure | 10 bar (145 psi) |
| Max working temperature | 100°C (212°F), 115°C (239°F) on water/water applications |
| Min working temperature | 0°C (32°F) |
| Test pressure | 15 bar (218 psi) |
| Max. Number of plates | 60 |
| CBE weight dry (approx.) | 6.0+0.11×NP* kg (13.23+0.243×NP* lb) |
| Hold-up volume: inner circuit | 0.042×(NP*/2-1) litre (0.012×(NP*/2-1) gal.) |
| Hold-up volume: outer circuit | 0.042×NP*/2 litre (0.012×NP*/2 gal.) |
| Standard connection size | 1" |
| Connection height | 33 mm (1.30 inch) or 37 mm (1.46 inch) |

*NP = Number of plates

Material

| | |
|----------------------|--|
| Frame material: | Stainless steel or corrosion protected carbon steel |
| Plate material: | EN 10028/7-1.4401 (AISI 316) or Titanium |
| Gasket material: | Nitrile: NBR(p) or Peroxide cured: EPDM(p) |
| Connection material: | EN 10272-1.4401 (AISI 316), Carbon steel or Titanium |

For additional information please contact your local SWEP representative.
SWEP reserves the right to make changes without prior notice

The Minex - our little hybrid

The Minex is a hybrid. It's not brazed like a CBE. It has the gasket of a PHE (plate-and-frame heat exchanger), but it's small, so it does not need the typical support frame. The gaskets and the plates can be of various materials. Even if a costlier, high-performance metal is required for the heat transfer surface, the front and back plates can be made of baser material to cut costs. The snap-in-place connections allow the use of different metals without the risk of weld deterioration. They also allow easier assembly.

Easy to choose the right product solution

With SWEP's unique SSP CBE, the SWEP Software Package, you can do advanced heat transfer calculations yourself, and choose the product solution that suits your application best. It's also easy to choose connections and generate drawings of the complete product. If you would like advice, or you would like to discuss different product solutions, SWEP offers all the service and support you need.

If you would like more information about M10 High Pressure or our other products, please contact your local SWEP representative.



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