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Aalborg MP-C

Compact, stainless steel heater



Aalborg MP-C is a compact shell and tube heat exchanger for either horizontal or vertical mounting complete in stainless steel. The heat exchanger uses steam, thermal oil or hot water as heating medium.

The specially designed baffle arrangement allows us to optimize the heat transfer coefficient which helps keep the heating surface clean and prevents tube vibration from occurring and in addition, the staggered tube pattern provides a very good macroscopic mixing of the fluid.

The design is based on more than 30 years of experience in cargo heating.

Standard load capacities: 250 kW - 2,000 kW

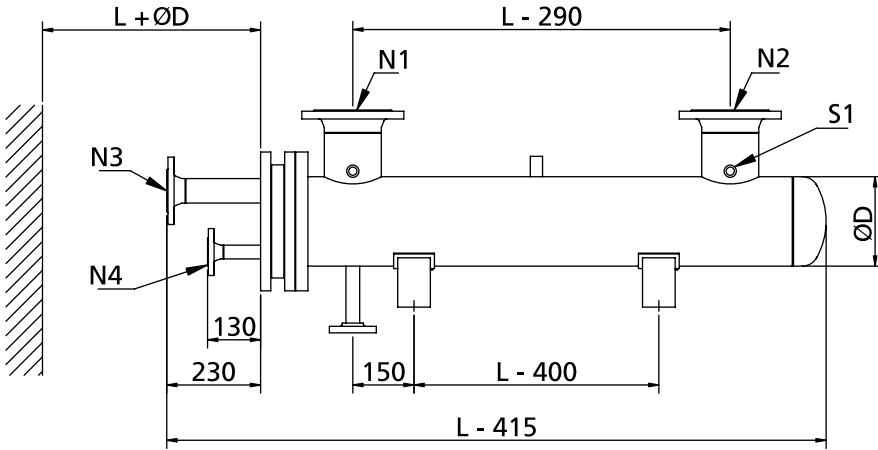
Design conditions (shell/tube): 14/10 bar(g)

- Conforms to the requirements of all major marine classification societies.
- Other capacities and design conditions on request.

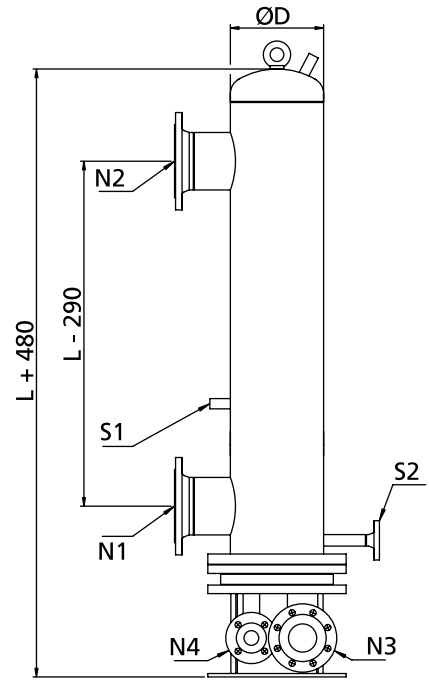
Description

Consisting exclusively of AISI 316 L materials, the Aalborg MP-C heat exchanger is the ideal choice when heating of oil, corrosive or edible cargo is required. The heating surface is optimized by the use of specially designed baffle plates resulting in a very compact, highly efficient, and cost effective heat exchanger.

The Aalborg MP-C can be delivered complete with accessories such as valves, monitoring equipment and regulating equipment.



Horizontal mounting L: 1200-3000



Vertical mounting L: 1200-1800

All dimensions are a guideline only. Dimension drawing will be produced upon request.

Design pressure shell/tube: 14 bar(g)/10 bar(g)

Design temperature shell/tube: 160°C/185°C

Flanges: Acc. EN1092-1, JIS PN16

Mounting style: Horizontally or vertically

Standard product range

Heating surface/weight (m²/kg)

L (mm) / Type	MP-C 20	MP-C 25	MP-C 30
1200	4.9 / 183	8.4 / 269	12.1 / 353
1500	6.1 / 202	10.5 / 299	15.2 / 396
1800	7.3 / 220	12.6 / 330	18.2 / 438
2100	8.6 / 239	14.7 / 360	21.2 / 480
2400	9.8 / 258	16.8 / 390	24.2 / 523
2700	11.0 / 277	18.9 / 420	27.3 / 565
3000	12.2 / 296	21.0 / 450	30.3 / 607
N1/N2 Shell side	max 125	max 150	max 150
N3/N4 Tube side	max 80	max 100	max 125
ØD mm	219.1	273.0	323.9

Dimensions in mm

MDD00248EN 1507

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