

Technical specification



Project ref: Pedido Mayo 2018
 Line ref:
 Model: ACH-30EQ-30H-F
 Item Id: 3287084895
 No of units: 1

Date: 2018-05-24

| | | Hot side | Cold Side |
|--|-----------|---------------------------------|-----------|
| Fluid: | | Water | Water |
| Mass flow rate: | kg/h | 0 | 0 |
| Inlet temperature: | °C | 1,0 | -1,0 |
| Outlet temperature:: | °C | 0,0 | 0,0 |
| Pressure drop (calc): | kPa | 0 | 0 |
| Connection positions and flow directions: | | S1 -> S2 | S3 -> S4 |
| Connection S1 (Hot-In): | | Soldering / 7/8"H23 / ALLOY 304 | |
| Connection S2 (Hot-Out): | | Soldering / 7/8"H23 / ALLOY 304 | |
| Connection S3 (Cold-In): | | Soldering / 1/2"H62 / ALLOY 304 | |
| Connection S4 (Cold-Out): | | Soldering / 7/8"H23 / ALLOY 304 | |
| Number of passes: | | 1 | 1 |
| Design pressure at -321 °F | psi | 650 | 650 |
| Design pressure at 302 °F | psi | 650 | 650 |
| Design temperature (min/max): | °F | -321 / 302 | |
| Pressure vessel code: | | UL/CRN | |
| Heat exchanged: | kW | null | |
| L.M.T.D: | K | | |
| Relative directions of fluids: | | Countercurrent | |
| Material Plate / Brazing: | | ALLOY 316 / Cu | |
| Unit dimensions (length x width x height): | mm | 79 x 95 x 325 | |
| Net weight, empty / operating: | kg | 3,7 / 0 | |
| Packed length x width x height: | mm | 160,0 x 110 x 343,0 | |
| Packed weight: | kg | 3,98 | |
| Physical properties | | | |
| Density (in/out): | kg/m³ | | |
| Specific heat capacity: | kJ/(kg*K) | 0 | 0 |
| Thermal conductivity: | W/(m*K) | 0 | 0 |
| Viscosity inlet: | cP | 0 | 0 |
| Viscosity outlet: | cP | 0 | 0 |

The performance of the equipment is conditioned by the process media and process parameters being consistent with the provided customer data. Data, specifications, and other kind of information of technological nature set out in this document and submitted by Alfa Laval to you (Proprietary Information) are intellectual proprietary rights of Alfa Laval. The Proprietary Information shall remain the exclusive property of Alfa Laval and shall only be used for the purpose of evaluating Alfa Laval's quotation. The Proprietary Information may not, without the written consent of Alfa Laval, be used or copied, reproduced, transmitted or communicated or disclosed in any other way to a third party.