

## SOLITHERM PROTEC



### Description

|                            |  |
|----------------------------|--|
| <b>Order Number:</b>       | 87202584                                   |
| <b>Brand Name:</b>         | SOLITHERM PROTEC                           |
| <b>Housing Material:</b>   | Stainless steel AISI 316 (V4A)             |
| <b>Ingress protection:</b> | IP 56 / Type 12, 3, 3R, 4, 4X              |
| <b>Optional:</b>           | With stainless steel housing # 87202082USL |
| <b>Approvals:</b>          | CE, UL(ACVS), cULus                        |
| <b>UL File Number:</b>     | SA32278                                    |

## Technical data

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| <b>Cooling capacity 95F/95F:</b>             | 2000 W @ 50 Hz<br>2100 W @ 60 Hz                   |
| <b>Cooling capacity 95F/122F:</b>            | 1850 W @ 50 Hz<br>1900 W @ 60 Hz                   |
| <b>Enclosure heater:</b>                     | 1,000 W  |
| <b>Compressor type:</b>                      | Reciprocating compressor                           |
| <b>Refrigerant / GWP:</b>                    | R134a / 1430                                       |
| <b>Refrigerant charge:</b>                   | 340 g / 12 oz                                      |
| <b>High / low pressure:</b>                  | 30 / 6 bar<br>435 / 88 psi                         |
| <b>Operating temperature range:</b>          | -40°C - 60°C                                       |
| <b>UL temperature range:</b>                 | -40°C - 60°C                                       |
| <b>Air volume flow (system / unimpeded):</b> | Ambient: 440 / 680 cfm<br>Enclosure: 360 / 520 cfm |
| <b>Mounting:</b>                             | Wandanbau  |
| <b>Dimension H x W x D:</b>                  | 35 x 15.6 x 12 inch                                |
| <b>Weight:</b>                               | 52.2 kg  |
| <b>Voltage / Frequency:</b>                  | 400/460 V - 50/60 Hz 2~                            |
| <b>UL Voltage / Frequency:</b>               | 460 V - 60 Hz 2~                                   |
| <b>Current 95F95F:</b>                       | 2.5 A @ 50 Hz<br>2.8 A @ 60 Hz                     |
| <b>Starting current:</b>                     | 12 A   |
| <b>Max. current:</b>                         | 4.3 A  |
| <b>Nominal power 95F95F:</b>                 | 1 kW @ 50 Hz<br>1.2 kW @ 60 Hz                     |
| <b>Max. power:</b>                           | 1.65 kW  |
| <b>Fuse:</b>                                 | 15 A (T)   |
| <b>Max circuit ampacity:</b>                 | 15 A   |
| <b>Short-circuit current rating:</b>         | 5 kA   |
| <b>Rated current compressor:</b>             | 2.3 A  |

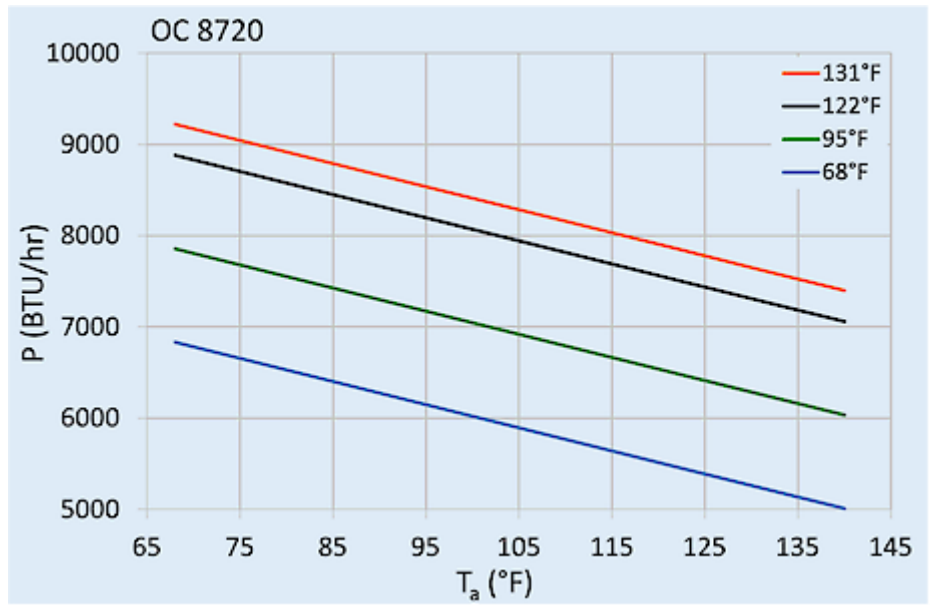
**Full load current fans:** 0.4 A

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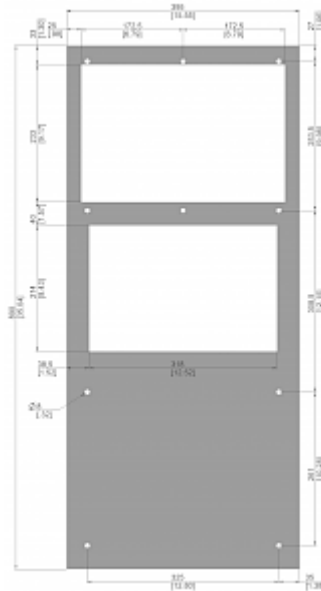
**Connection:** 5 pole terminal block for signals  
4 pole terminal block for power  
3 pole terminal block for RS 485 MODBUS

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**Performance graph:**



**Cut out dimensions:**



## Order Information

**Zolltarifnummer**

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