

## Enclosure air conditioner 5100 BTU



### Description

|                                         |                                |
|-----------------------------------------|--------------------------------|
| <b>Order Number:</b>                    | 87150082USL                    |
| <b>Brand Name:</b>                      | SOLITHERM PROGRESSIVE          |
| <b>Housing Material:</b>                | Stainless steel AISI 304 (V2A) |
| <b>Ingress protection to EN 60 529:</b> | IP 56 / Type 12, 3, 3R, 4, 4X  |
| <b>Included:</b>                        | Metal mesh filter              |
| <b>Approvals:</b>                       | CE, UL(ACVS), cULus            |
| <b>UL File Number:</b>                  | SA32278                        |

## Technical data

|                                              |                                                    |
|----------------------------------------------|----------------------------------------------------|
| <b>Cooling capacity 95F/95F:</b>             | 5120 BTU                                           |
| <b>Cooling capacity 95F/122F:</b>            | 3650 BTU @ 50 Hz<br>3820 BTU @ 60 Hz               |
| <b>EER 95F95F:</b>                           | 6.7 / 6.1                                          |
| <b>Compressor type:</b>                      | Reciprocating compressor                           |
| <b>Refrigerant / GWP:</b>                    | R 513A / 630                                       |
| <b>Refrigerant charge:</b>                   | 280 g / 9.9 oz                                     |
| <b>High / low pressure:</b>                  | 30 / 6 bar<br>435 / 88 psi                         |
| <b>Air volume flow (system / unimpeded):</b> | Ambient: 330 / 520 cfm<br>Enclosure: 360 / 520 cfm |
| <b>Operating temperature range:</b>          | -40°F - 140°F                                      |
| <b>UL temperature range:</b>                 | -40°F - 140°F                                      |
| <b>Mounting:</b>                             | Wall mounted                                       |
| <b>Dimension H x W x D:</b>                  | 35 x 15.6 x 12 inch                                |
| <b>Weight:</b>                               | 89 lbs.                                            |
| <b>Voltage / Frequency:</b>                  | 230 V ~ 50/60 Hz                                   |
| <b>UL Voltage / Frequency:</b>               | 230 V ~ 60 Hz                                      |
| <b>Current 95F95F:</b>                       | 3.4 A @ 50 Hz<br>3.7 A @ 60 Hz                     |
| <b>Starting current:</b>                     | 16 A                                               |
| <b>Max. current:</b>                         | 4.8 A                                              |
| <b>Nominal power 95F95F:</b>                 | 720 W @ 50 Hz<br>840 W @ 60 Hz                     |
| <b>Max. power:</b>                           | 1100 W                                             |
| <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>             | 2.5 A                                              |
| <b>Full load current fans:</b>               | 0.73 A                                             |

**Connection:**

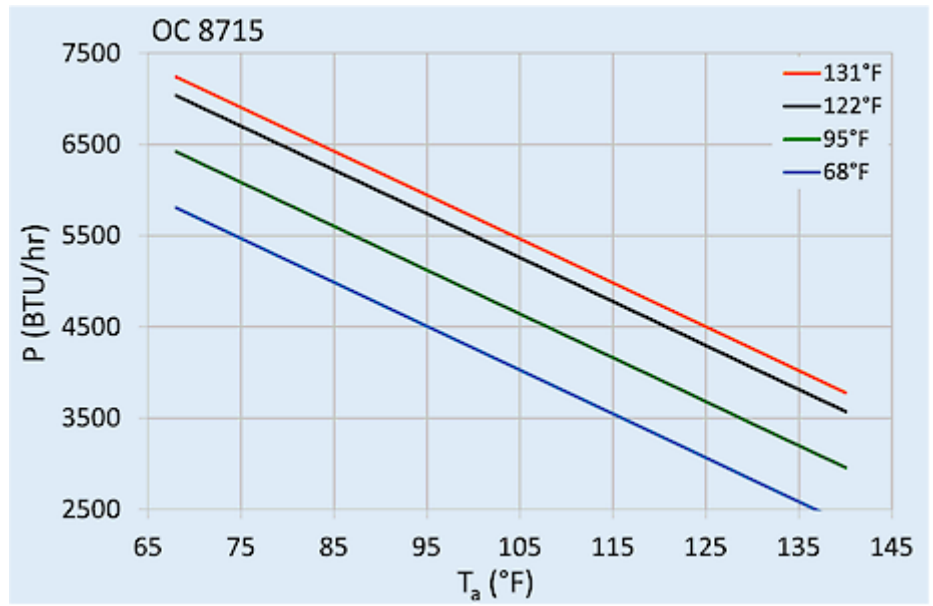
5 pole terminal block for signals

4 pole terminal block for power

3 pole terminal block for RS 485 MODBUS

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### Performance graph:



### Dimensions:

