

## Enclosure cooling unit



## Description

|                            |                                |
|----------------------------|--------------------------------|
| <b>Order Number:</b>       | 87120584                       |
| <b>Housing Material:</b>   | Stainless steel AISI 316 (V4A) |
| <b>Ingress Protection:</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                        |

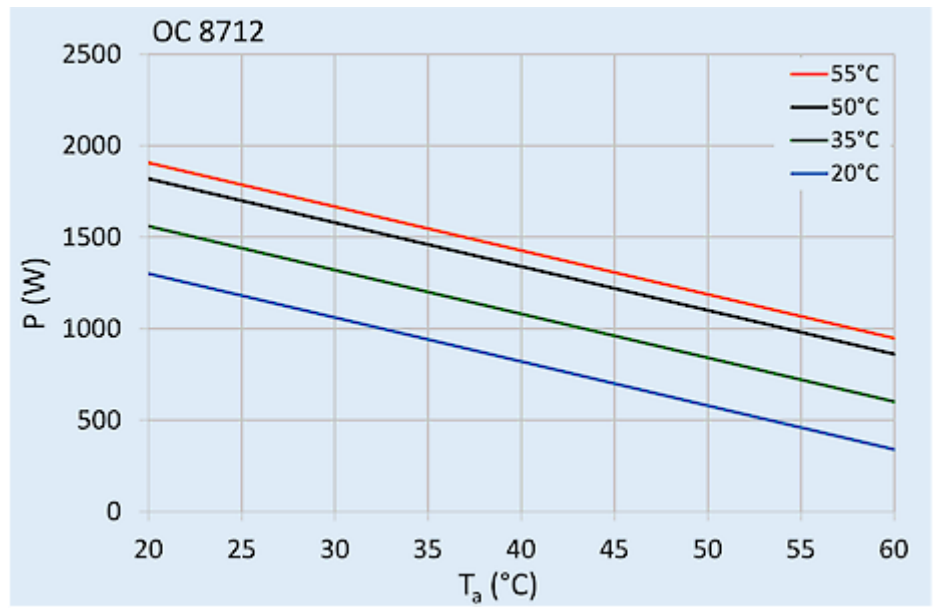
## Technical Data

|                                              |                                                                                |
|----------------------------------------------|--------------------------------------------------------------------------------|
| <b>Cooling capacity L35L35:</b>              | 1.12 kW @ 50 Hz<br>1.20 kW @ 60 Hz                                             |
| <b>Cooling capacity L35L50:</b>              | 800 W @ 50 Hz<br>840 W @ 60 Hz                                                 |
| <b>Enclosure heater:</b>                     | 400 W                                                                          |
| <b>Compressor type:</b>                      | Reciprocating compressor                                                       |
| <b>Refrigerant / GWP:</b>                    | R 134a / 1430                                                                  |
| <b>Refrigerant charge:</b>                   | 210 g / 7.5 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 flow volume (system / unimpeded):</b> | Ambient air circuit: 280 / 550 m³/h<br><br>Cabinet air circuit: 300 / 470 m³/h |
| <b>Mounting:</b>                             | Wall mounted                                                                   |
| <b>Dimensions A x B x C (D+E):</b>           | 585 x 305 x 305 mm                                                             |
| <b>Weight:</b>                               | 31 kg                                                                          |
| <b>Cut out dimensions:</b>                   | 345 x 235 mm                                                                   |
| <b>Voltage / Frequency:</b>                  | 230 V ~ 50/60 Hz                                                               |
| <b>UL Voltage / Frequency:</b>               | 230 V ~ 60 Hz                                                                  |
| <b>Current L35L35:</b>                       | 3.2 A @ 50 Hz<br>3.6 A @ 60 Hz                                                 |
| <b>Starting current:</b>                     | 15 A                                                                           |
| <b>Max. current:</b>                         | 4.6 A                                                                          |
| <b>Nominal power L35L35:</b>                 | 700 W @ 50 Hz<br>800 W @ 60 Hz                                                 |
| <b>Max. power:</b>                           | 1.05 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>     | 2.5 A                                                                                                           |
| <b>Full load current fans:</b>       | 0.73 A                                                                                                          |
| <b>Connection:</b>                   | 5 pole terminal block for signals<br>4 pole terminal block for power<br>3 pole terminal block for RS 485 MODBUS |

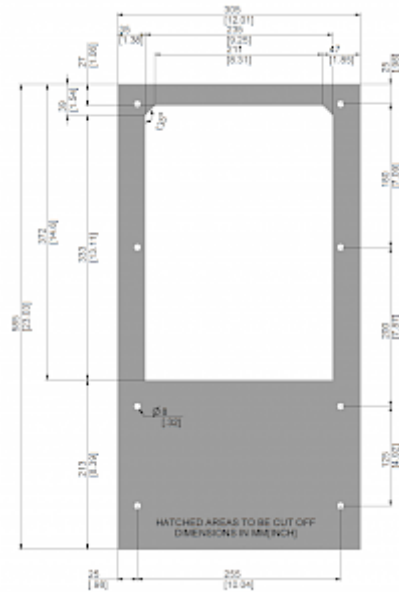
Please click on the graphics to download.  
More CAD drawings can be found under [Product Download](#).  
> [Overview Product Group Cooling units - PROTEC](#)

**Performance graph:**



[click image to enlarge](#)

**Cut Out Dimension:**



[click image to enlarge](#)

## Order Information

**Taric code**

84158200