

## SOLITHERM PROTEC



### Description

<b>Order Number:</b>	87201584
<b>Brand Name:</b>	SOLITHERM PROTEC
<b>Housing Material:</b>	Stainless steel AISI 316 (V4A)
<b>IP protection class to EN 60 529:</b>	IP 56 / Type 12, 3, 3R, 4, 4X
<b>Approvals:</b>	CE, UL(ACVS), cULus
<b>UL File Number:</b>	SA32278

## Technical Data

<b>Cooling capacity L35L35 (EN14511-3):</b>	2000 W @ 50 Hz 2100 W @ 60 Hz
<b>Cooling capacity L35L50 (EN14511-3):</b>	1850 W @ 50 Hz 1900 W @ 60 Hz
<b>EER L35L35:</b>	1.8
<b>Enclosure heater:</b>	1,000 W
<b>Compressor type:</b>	Reciprocating compressor
<b>Refrigerant / GWP:</b>	R 513A / 630
<b>Refrigerant charge:</b>	352 g / 12.4 oz
<b>High / low Pressure:</b>	30 / 6 bar 435 / 88 psi
<b>Air flow volume (system / unimpeded):</b>	Ambient air circuit: 740 / 1150 m <sup>3</sup> /h Enclosure air circuit: 595 / 875 m <sup>3</sup> /h
<b>Operating Temperature Range:</b>	-40°C - 60°C
<b>UL temperature range:</b>	-40°C - 60°C
<b>Mounting:</b>	Wall mounted
<b>Dimensions A x B x C (D+E):</b>	890 x 395 x 305 mm
<b>Weight:</b>	52.5 kg
<b>Voltage / Frequency:</b>	120 V ~ 50/60 Hz
<b>UL Voltage / Frequency:</b>	120 V ~ 60 Hz
<b>Current L35L35:</b>	8.8 A @ 50 Hz 5.6 A @ 60 Hz
<b>Starting current:</b>	32 A
<b>Max. current:</b>	13.6 A
<b>Nominal power L35L35:</b>	1.00 kW @ 50 Hz 1.23 kW @ 60 Hz
<b>Max. power:</b>	1.51 kW
<b>Fuse:</b>	20 A (T)
<b>Max circuit ampacity:</b>	15 A
<b>Short-circuit current rating:</b>	5 kA
<b>Rated current compressor:</b>	8 A

**Full load current fans:** 1.5 A

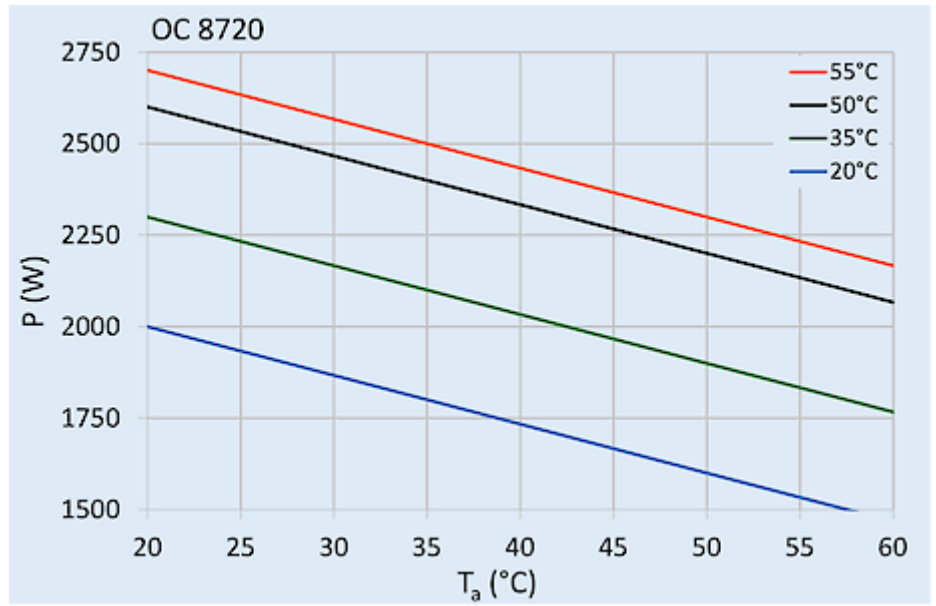
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**Connection:** 5 pole terminal block for signals  
4 pole terminal block for power  
3 pole terminal block for RS 485 MODBUS

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

Performance graph:



[click image to enlarge](#)

## Order Information

**Taric code**

84158200

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