

SOLITHERM PROTEC



Description

Order Number:	87200584
Brand Name:	SOLITHERM PROTEC
Housing Material:	Stainless steel AISI 316 (V4A)
Ingress protection to EN 60 529:	IP 56 / Type 12, 3, 3R, 4, 4X
Approvals:	CE, UL(ACVS), cULus
UL File Number:	SA32278

Technical data

Cooling capacity 95F/95F:	2000 W @ 50 Hz 2100 W @ 60 Hz
Cooling capacity 95F/122F:	1850 W @ 50 Hz 1900 W @ 60 Hz
EER 95F95F:	2.0 / 1.8
Enclosure heater:	1,000 W
Compressor type:	Reciprocating compressor
Refrigerant / GWP:	R 513A / 630
Refrigerant charge:	352 g / 12.4 oz
High / low pressure:	30 / 6 bar 435 / 88 psi
Air volume flow (system / unimpeded):	Ambient: 440 / 680 cfm Enclosure: 360 / 520 cfm
Operating temperature range:	-40°C - 60°C
UL temperature range:	-40°C - 60°C
Mounting:	Wandanbau
Dimension H x W x D:	35 x 15.6 x 12 inch
Weight:	45.4 kg
Voltage / Frequency:	230 V ~ 50/60 Hz
UL Voltage / Frequency:	230 V ~ 60 Hz
Current 95F95F:	4.4 A @ 50 Hz 2.8 A @ 60 Hz
Starting current:	16 A
Max. current:	6.8 A
Nominal power 95F95F:	1.00 kW @ 50 Hz 1.23 kW @ 60 Hz
Max. power:	1.51 kW
Fuse:	15 A (T)
Max circuit ampacity:	15 A
Short-circuit current rating:	5 kA
Rated current compressor:	4 A

Full load current fans:

0.73 A

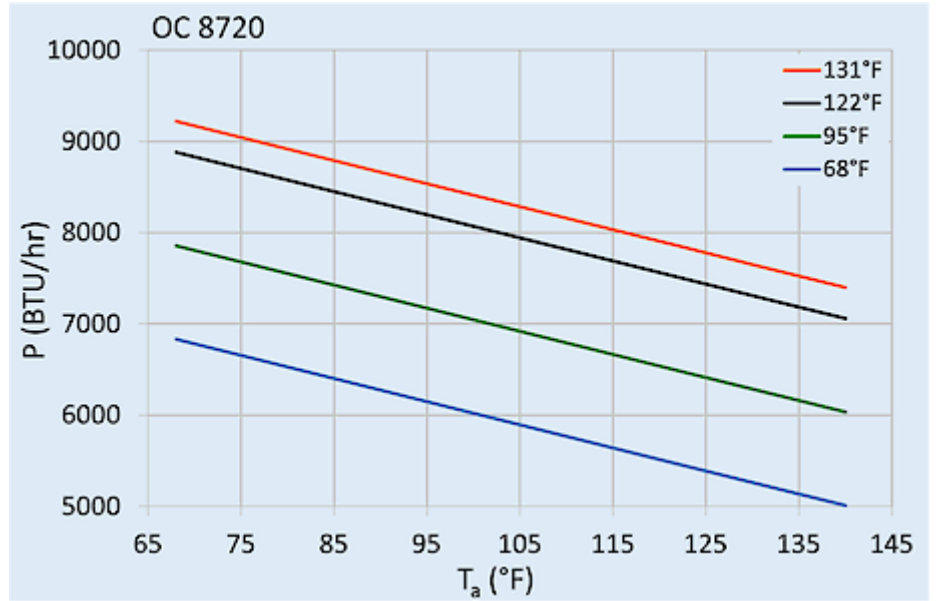
Connection:

5 pole terminal block for signals

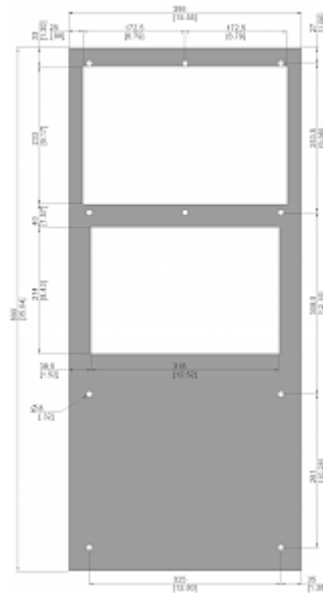
4 pole terminal block for power

3 pole terminal block for RS 485 MODBUS

Performance graph:



Cut out Dimensions:



Order Information

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84158200
