

Peltier Cooling units 100–150 W

PTM 100 / PTM 150

Peltier cooling unit product line for use in sensitive areas, circuitry and small control cabinets.

- ideal for the cooling of operating and control elements
- particularly suitable for support arm systems
- vibration-free, also usable for precision processes
- pinpoint cooling of hotspots



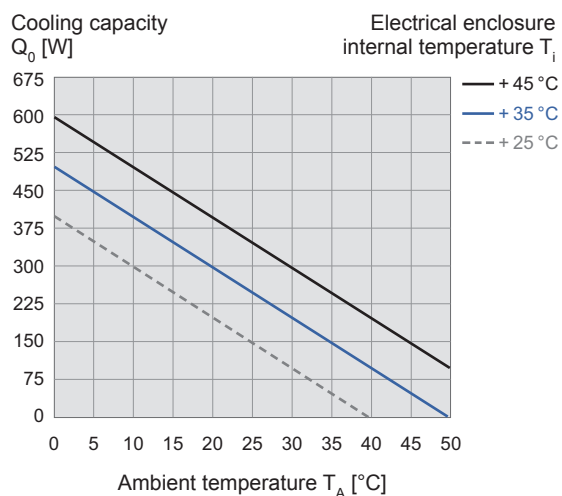
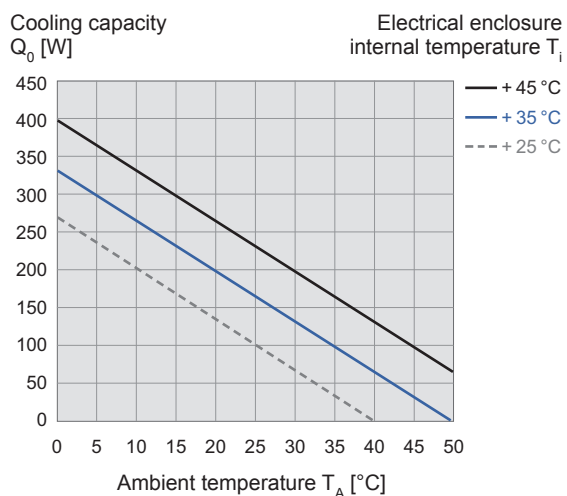
Data		PTM 100	PTM150	Unit
Article number	horizontal	15310080055	15315080055	
	vertical	15310180055	15315180055	
Rated voltage ± 10%		24 DC	24 DC	V
Cooling performance according to EN 14511		L35/L35 100	150	W
Power consumption		L35/L35 102	240	
Current consumption		L35/L35 4.25	10	A
Unimpeded airflow (free flow)	internal	76	114	m³/h
	external	156	234	
Pre fuse T		6	16	A
Type of connection		connection via terminal strip, max. 2.5 mm² / AWG 16		
Sensor cable length		1200		mm
Noise level according to EN ISO 3741		47		dB (A)
Weight (without packaging)		6.7	9.16	kg
Ambient temperature range		- 40 ... + 50 / - 40 ... + 122		°C / °F
Control range (adjustable)		+ 0 ... + 50 / + 32 ... + 122		
Duty cycle		100		%
Condensate management		condensate drain		
Protection system according to EN 60529	IP 54	towards the electrical enclosure if used as intended by the manufacturer		
	IP 24	towards the surroundings if used as intended by the manufacturer		
Design	housing	galvanised sheet steel		
	cover	galvanised/electrostatically powder coated (200 °C)		
Installation location		H - horizontal / V - vertical		
Colour (cover)		RAL 7035, different colours available on request		
Accessories	Piece	Article number		Information on page
External condensate evaporation system	1	18314000001		70
Condensate bottle	1	18314000100		70

Approvals see page 19. For additional information to ensure the accurate setting of the motor protection switch, please see technical specific data sheet. This information is included with the delivery of the unit or can be found at www.pfannenbergl.com.

Cooling capacity performance curves

PTM 100

PTM 150



Dimensions

mm	PTM 100	PTM 150
X	181	181
Y	367	495
Z1	151	151
Z2	75	75

