Heater with integrated thermostat
FLH-T



New Pfannenberg heater line with integrated thermostat. This new line has been specifically developed for demanding environments, especially wind turbines and for use in the telecommunications sector.

- all tests were performed according to European Norms, EN 60068-2-6 / 60068-2-27 / 60068-2-29 **Railway applications - Rolling stock equipment - Shock and vibration tests** and therefore are unique to the industry
- can be used under extreme conditions (- 40 °C…+ 70 °C)
- fan design with ball bearing: guaranteed long service life
- voltage range: 230 V / 115 V / 50/60 Hz
- UL, cUL recognised

Data		FLH-T 250	FLH-T 400	FLH-T 600	FLH-T 800	FLH-T 1000	Unit
Article number	230 V	17025310007	17040310007	17060310007	17080310007	17099310007	
	115 V	17025315007	17040315007	17060315007	17080315007	17099315007	
Heating performance (Ta = +20 °C)		250	400	600	800	1000	W
Power consumption		269	419	619	819	1019	W
Starting current		0.7	2.6	3.4	4.3	5.2	A
Bearing type	fan	ball bearing					
Service life L_{10} (+ 25 °C)		52,500					h
Sytem of protection according to EN 60529		IP 20					
Weight		1.0	1.1	1.2	1.4		kg
Volumetric air flow	50 Hz	160					m^3/h
	60 Hz	180					
Rated voltage		115 V or 230 V AC 50/60 Hz					
Functional range		104 - 127 V or 207 - 253 V AC 50/60 Hz					
Duty cycle		100%					
Temperature setting range		- 20 … + 40 (- 4 … + 104)					°C (°F)
Switching temperature difference		< 7					K
Switching point tolerance		± 4					
Operating temperature range		- 40 … + 70 (- 40 … + 158)					°C (°F)
Storage temperature range		- 40 … + 70 (- 40 … + 158)					
Installation orientation		as desired, preferably vertical					
Device construction		plastic UL 94V-O, black					
Type of mounting		4 x M5 screws (not included)					
Protection class		II (double insulation)					
Type of connection		2-pole terminal strip					
Clamping range of connecting terminal		2.5 mm² (AWG 14); clamping torque 0.51 Nm					

Accessories	Piece	Article number	Information on page
Hygrostat	1	17207000000	192
Internal enclosure fan	1	18110000000	71

Dimensions

mm	FLH-T
X	150
X1	138
X2	6
X3	5.4
Y	100
Z	164
Z1	100
Z2	13.3
Z3	5







