



FPH

FAN ASSISTED PTC HEATERS



Features	Unit	FPH1200	FPH1201	FPH1500	FPH1501	FPH2000	FPH2001
Heating Capacity	W	1200	1200	1500	1500	2000	2000
Power supply	V/Hz	230/50-60	115/50-60	230/50-60	115/50-60	230/50-60	115/50-60
Inrush current	A	15	18	25	30	30	37
Heating element type		PTC resistor, self regulating					
Thermal protection		Thermal cut out in case of fan failure (auto-reset for 100,000 cycles)					
Casing		Plastic according to UL94 V-0, black					
Axial fan		Ball bearing, service life 50.000 hrs at 25°C (77°F), air flow rate 160 m3/h, free flow.					
Control operation		optional					
Electrical connession		3 screw terminals for stranded or rigid wire 2.5 mm2					
Alarm output		optional 2 screw terminals for alarm signal 5-30V DC / 0,5A					
Protection class IEC		Class I, earthed					
Protection degree EN60529		IP20					
Operating temperature	°C (°F)	-40/70 (-13/158)					
Storage temperature	°C (°F)	-40/70 (-13/158)					
Mounting		screw fixing (M4)					
Installation position		Best performance with horizontal installation					
Dimensions HxWxD	mm	95x160x120					
Weight (gross/net)	kg	1,27 / 1,2					
Conformity		CE					

Versions	
FPH xxxx .00	without bimetallic thermostat
FPH xxxx .01	with bimetallic thermostat integrated
FPH xxxx .02	with electronic board integrated.
Functions of electronic board:	
1. electronic temperature control	
2. green LED on for proper operation, red LED on for malfunction	
3. 2 screw terminals for alarm signal 5-30V DC / 0,5A	

