POWERHEAT



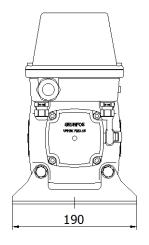
POWERHEAT is the new style (engine) pre-heater. The compact design, in combination with the chosen materials, integrated pump, adjustable thermostat and all required control and safety features, makes it an exceptional high quality heater.

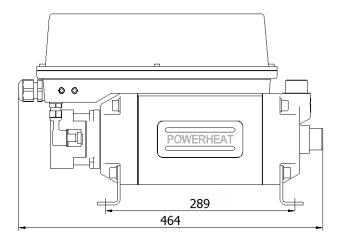


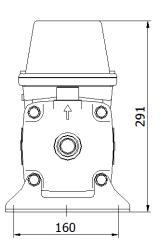
The heat exchanger is based on a die-cast tubular component in aluminum with a large heating surface. The heating element is embedded in aluminum during the die-casting process so therefore completely corrosion proof and not in direct contact with the coolant / liquids. This means a more effective heating and no negative side effects for the coolant / liquids. In addition the Aluminum AS13 is finished with a Teflon coating.

Heater Specifications

POWERHEAT model	PH3400-4500	PH3400-6000	PH3400-7500	PH3400-9000
Voltage range	400 V / 50-60 Hz / 3 Ph	400 V / 50-60 Hz / 3 Ph	400 V / 50-60 Hz / 3 Ph	400 V / 50-60 Hz / 3 Ph
Heat power	4500 W	6000 W	7500 W	9000 W
Thermostat	20 - 90 °C rated 25 A			
Safety thermostat	120 °C	120 °C	120 °C	120 °C
Max. operating pressure	10 bar / 145 psi			
Surface load	3 W/cm²	4 W/cm ²	5 W/cm²	6 W/cm ²
Water in- / outlet	2 x 1"	2 x 1"	2 x 1"	2 x 1"
Box ingress protection	IP 67	IP 67	IP 67	IP 67
Pump power range	52 W / 230V / 50-60 Hz			
Pump flow rate	2,8 m³/h @ 3 m			
Pump ingress protection	IP 44	IP 44	IP 44	IP 44
Weight	19,60 Kg	19,60 Kg	19,60 Kg	19,60 Kg
Dimensions (LxWxH)	464 x 190 x 291 mm			

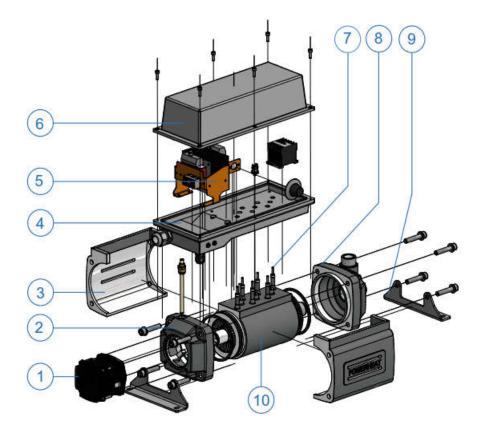






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Exploded View



- 1: Pump
- 2: Rear Cover
- 3: Side Cover
- 4: Base Plate
- 5: Transformer
- 6: Top Cover
- 7: Heating Element
- 8: Front Cover
- 9: Support
- 10: Heat Exchanger

Electrical Diagram

POWER SUPPLY

