



WHITE KNIGHT®

.....engineer approved™

IN-LINE PFA FLUID HEATERS

HC Series PFA Heaters for Aggressive Acids & Chemicals

HC Series in-line heaters are ideal for high-temperature, ultrapure processes. They feature PFA flow paths for optimal compatibility with aggressive chemicals. Their special internal fittings eliminate O-rings seals for enhanced cleanliness. HC heaters utilize the low-mass Heateflex® heating element with low watt density to provide fast, powerful temperature response.

Features & Benefits

- Ultrapure PFA wetted surfaces for optimal chemical compatibility
- Specialty fittings eliminate wetted O-rings to enhance cleanliness and reduce potential for leaks
- Fast, powerful temperature response from low-mass heating element with low watt density
- Up to 120°C at 60 psi
- 1-10 kW models available

Safety Features

- Junction box isolates heater and sensor wires from harsh environments
- Over-temperature thermocouple regulates temperature by limiting heat within housing
- Thermal cut-off ensures temperature does not exceed range to prevent overheating
- Process thermocouple ensures fluid temperature is accurately maintained
- Platinum-tipped ground wires protect user and heater



Specifications

Model	HC
Wetted Material	PFA
Housing Material	Pipe
Maximum Temp.	160°C
Pressure	60 psi at 120°C
Power	1-10 kW
Voltage	120-480 VAC, 1 and 3-phase

**All specs depend on model, voltage, wattage, and customer utilization. See configuration instructions for capability and compatibility.*

<https://wkfluid.com/hc>



