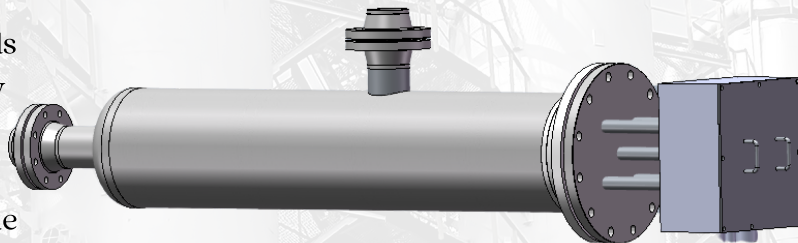


Optimized Velocity Heater



HC Thermal developed the next generation heater, the Optimized Velocity Heater (OVH), for rigorous industry applications. This patent pending heater leads the market in technological advancement for low flow applications with a high temperature differential. Curbing the effects of tradition heating methods, the serpentine flow prolongs the life of our heater's unique element and provides protection to process fluids that have sensitive sheath temperatures. Designed to hold up to the extreme process requirements of today's projects, the OVH still comes with the HC Thermal guarantee*.



Advantages

- Tight control of sheath temperature
- High watt density for smaller heater design
- Cost and space savings
- Lower vessel wall temperature
- High outlet temperatures 1600F+
- Easily scalable
- 120-6.6kV applications
- Tuned to application



Applications

- Steam Turbine
- Catalyst Regeneration
- Critical Temp Gases
- Bio Fuels
- Pilot Plants
- Labs
- Refineries
- Power Generation
- Fuel Cell
- Molten Salt

About HC Thermal

HC Thermal is an electric heater manufacturer at the forefront of new technology and creating product solutions that are built to maximize thermal heat transfer for multiple process applications.

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Optimized Velocity Heater



Application Worksheet

Process Conditions

Application:

Fluid:

Flow Rate:

Inlet Temp:

Outlet Temp:

Inlet PSIG:

Design PSIG:

Design Temp:

Corrosion:

Volts/Phase:

kW:

Circuit: #

Sensor Type:

Housing Detail:

Area Classification/T Code:

Power Conduit Size/Qty:

Insulation Requirements:

Piping Connection Type (Inlet/Outlet):

Additional Notes:

Customer Information

Company:

Name:

Email:

Phone:

Location:

***LONGEST WARRANTY IN THE INDUSTRY**



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