

MV Heater™



HC Thermal announces its newest innovation to the process heating market, the MV Heater™. Our medium voltage heater is now available in two methods of construction. The first heater line allows for lower watt density applications such as hot oil, gases, and liquids. Our latest offering is a high watt density design for elevated temperature gases and molten salts up from 50 to 120wsi.

MV capabilities couple with our OVH technology, we can push processes to higher temps, reliably. Our medium voltage controls come with more standard features for safety, reliability and UL 347 listed for non hazardous areas.



Advantages

- UL347 Control Panels
- UL Certified elements
- Up to 10,000V
- Lower overall install cost
- Minimize footprints/layouts
- Solves gas permitting issues
- High thermal efficiency
- Reduces transformer step down
- Ideal for On/Offshore applications
- New patented technology design advantages
- Solutions for green energy - Zero Emissions
- Highest designs for operating temps up to 700C



About HC Thermal

HC Thermal is an electric heater & controls 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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Phone: 936-647-1000
833-777-4328 (HEAT)

Medium Voltage Heater

Application Worksheet



- | | | |
|---------------------------------------------|------------------------------------------------|---------------------------------------------------|
| <input type="checkbox"/> Oil and Gas | <input type="checkbox"/> Molten Salt | <input type="checkbox"/> Vaporizers |
| <input type="checkbox"/> Steam Superheating | <input type="checkbox"/> Fuel Gas Conditioning | <input type="checkbox"/> Green Energy Projects |
| <input type="checkbox"/> Process Water | <input type="checkbox"/> Hot Oil Systems | <input type="checkbox"/> Energy Storage Solutions |
| <input type="checkbox"/> Power Gen | <input type="checkbox"/> Dehydration | <input type="checkbox"/> Decarbonization |



Process Conditions

Application Details:			
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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