MINERAL INSULATED ONE-PIECE NOZZLE HEATERS

HBZ Series

USA

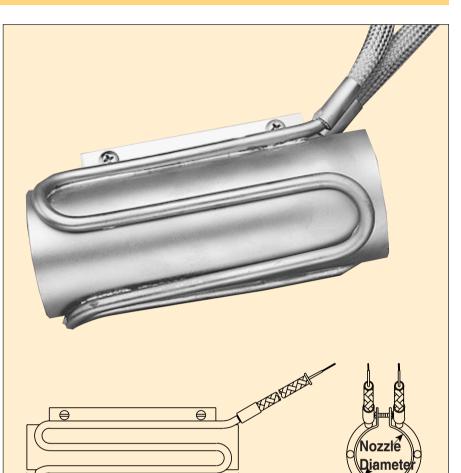
- Reliable, Heavy Duty
- Stocked for Fast Delivery
- Sheath Temperatures to 1600°F
- Nozzle Temperatures to 1000°F
- ✓ 14" Leads Standard

FEATURES

Fast heatup and uniform heat distribution is provided by smalldiameter tubular element properly located and silver brazed to stainless-steel band. Heater is slipped over nozzle and integral tabs are drawn tight by stainless steel bolts and nuts. Leads are protected by stainless steel braided cable to prevent contamination by overflow of plastic or other freeflowing materials.

CAUTION AND WARNING!

Fire and electrical shock may result if products are used improperly or installed or used by non-qualified personnel. See inside back cover for additional warnings.



HBZ Type 2

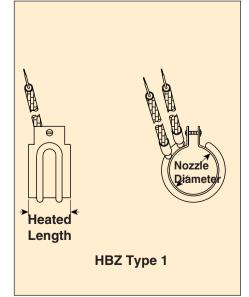
To Order (Specify Model No.)

MOST POPULAR MODELS HIGHLIGHTED!

Heated

Length

			mo				
		Nozzle	Length			Wt.	
Watts	Volts	Dia. In.(cm)	In.(cm)	Model No.	Price	Ibs. (Kg)	
HBZ Type 1							
275	120	1½(4)	1½ (4)	HBZ-11152	\$324	.5 (.2)	
150	120	1¾(4)	1½(4)	HBZ-11151	324	.5 (.2)	
200	120	1¾(4)	1¾(4)	HBZ-11162	342	.6 (.3)	
400	120	2 (5)	2 (5)	HBZ-12204	355	.7 (.3)	
200	120	2½ (5)	2¼ (6)	HBZ-2X56	321	.7 (.3)	
400	120	2½(5)	21/4 (6)	HBZ-12224	369	.8 (.4)	
200	120	3½ (9)	1½ (4)	HBZ-3X29	405	1.0 (.5)	
350	240	1½ (4)	1½ (4)	HBZ-1X70	324	.5 (.2)	
200	240	2½ (6)	1 (3)	HBZ-12102	345	.5 (.2)	
HBZ Type 2							
275	120	1¼(3)	3(8)	HBZ-21302	333	1.0 (.5)	
500	120	1½(4)	5(13)	HBZ-2105	393	1.2 (.5)	
600	120	2½ (5)	3¾ (10)	HBZ-2X88	406	1.3 (.6)	
800	120	2½ (5)	6(15)	HBZ-2208	451	1.5 (.7)	
800	120	3¼ (8)	7½(19)	HBZ-2308	516	2.0 (.9)	



Thermocouple holes, plugs ,and extended leadwire and braid are available. See page H-14.

omega.co.uk®

Your One-Stop Source for Process Measurement and Control!

Freephone 0800 488 488 | International +44(0) 161 777 6622 | Fax +44(0) 161 777 6622 | Sales@omega.co.uk

www.omega.co.uk



UNITED STATES www.omega.com 1-800-TC-OMEGA Stamford, CT.

CANADA www.omega.ca Laval(Quebec)

1-800-TC-OMEGA

GERMANY

www.omega.de Deckenpfronn, Germany 0800-8266342 UNITED KINGDOM www.omega.co.uk Manchester, England 0800-488-488 +44-(0)161-777-6611

> FRANCE www.omega.fr 0800-466-342

BENELUX www.omega.nl 0800-099-33-44



More than 100,000 Products Available!

Temperature

Calibrators, Connectors, General Test and Measurement Instruments, Handheld Instruments for Temperature Measurement, Ice Point References, Indicating Labels, Crayons, Cements and Lacquers, Infrared Temperature Measurement Instruments, Recorders, Relative Humidity Measurement Instruments, PT100 Probes, PT100 Elements, Temperature & Process Meters, Timers and Counters, Temperature and Process Controllers and Power Switching Devices, Thermistor Elements, Probes and Assemblies, Thermocouples, Thermowells and Head and Well Assemblies, Transmitters, Thermocouple Wire, RTD Probes

Flow and Level

Air Velocity Indicators, Doppler Flowmeters, Level Measurement, Magnetic Flowmeters, Mass Flowmeters, Pitot Tubes, Pumps, Rotameters, Turbine and Paddle Wheel Flowmeters, Ultrasonic Flowmeters, Valves, Variable Area Flowmeters, Vortex Shedding Flowmeters

pH and Conductivity

Conductivity Instrumentation, Dissolved Oxygen Instrumentation, Environmental Instrumentation, pH Electrodes and Instruments, Water and Soil Analysis Instrumentation

Data Acquisition

Communication Products and Converters, Data Acquisition and Analysis Software, Data Loggers Plug-in Cards, Signal Conditioners, USB, RS232, RS485, Ehernet and Parallel Port Data Acquisition Systems, Wireless Transmitters and Receivers

• Pressure, Strain and Force

Displacement Transducers, Dynamic Measurement Force Sensors, Instrumentation for Pressure and Strain Measurements, Load Cells, Pressure Gauges, Pressure Reference Section, Pressure Switches, Pressure Transducers, Proximity Transducers, Regulators, Pressure Transmitters, Strain Gauges, Torque Transducers, Valves

Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters