## MINERAL INSULATED ONE-PIECE NOZZLE HEATERS

## **HBZ Series**

USA

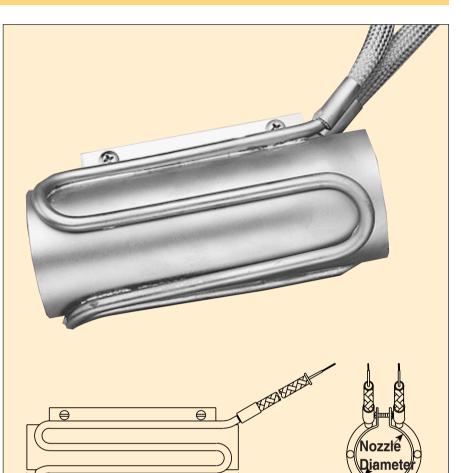
- Reliable, Heavy Duty
- Stocked for Fast Delivery
- Sheath Temperatures to 1600°F
- Nozzle Temperatures to 1000°F
- ✓ 14" Leads Standard

#### 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

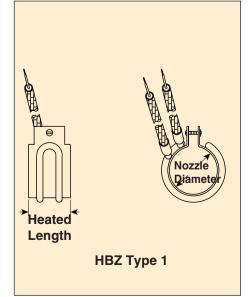
#### To Order (Specify Model No.)

#### 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.

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