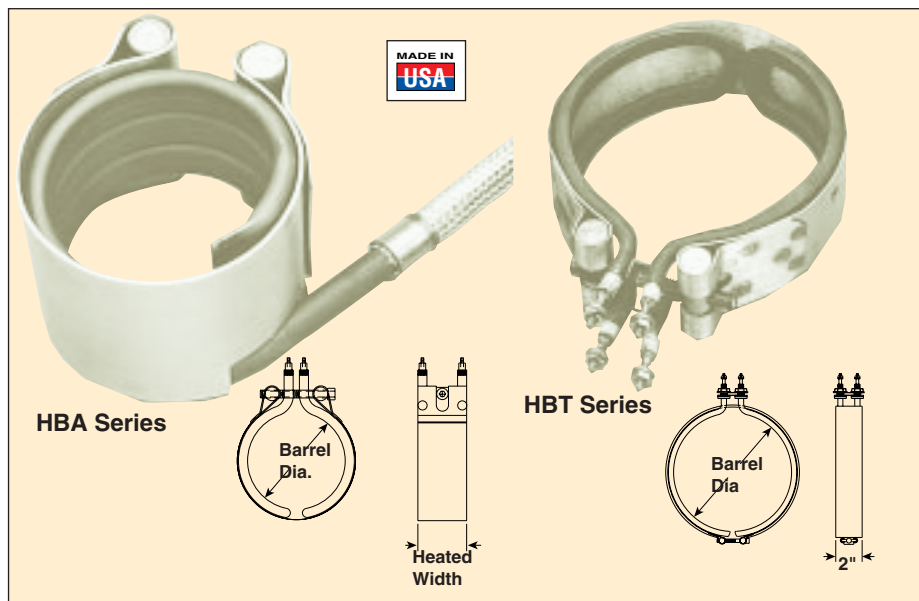


LONG LIFE BAND AND NOZZLE HEATERS



HBA Series 1" to 6" (3 to 15 cm) Wide One-Piece Nozzle Heaters

- ✓ Nozzle Temps to 1000°F
- ✓ 42" (107 cm) Leads Standard
- ✓ Stainless Steel Clamp Included

Offers Longer Life than mica nozzle heaters.

Cost less to operate. Heats up faster and provides more uniform heat distribution. More contact surface than other refractory insulated nozzle heaters.

Will not short out from fouling.

The 42" leads are protected by a 36" long closely woven stainless steel sheath. No exposed electrical connections, and element is sealed to prevent entrance of contaminants.

Easier to install. Clamp and heater are separate items and may be applied from either side.

Construction: A ½ wide x .200" thick, Incoloy sheath (max. sheath temperature is 1500°F), magnesium oxide insulated strip heater is tightly spiraled to provide maximum heat transfer to the work. The lead wires are brazed to the heater terminal pins, insulated and covered with heavy duty stainless steel outer braiding to provide mechanical protection.

To Order (Specify Model No.)

MOST POPULAR HIGHLIGHTED!

Watts	Volts	W/In ²	Barrel Dia. In.(cm)	Width	Model No.	Price	Wt. lbs. (Kg)
275	120	29	1(3)	3 (8)	HBA-103027	\$119	.5 (.2)
275	120	39	1½(4)	1½(4)	HBA-31427	102	.5 (.2)
350	240	50	1½(4)	1½(4)	HBA-141435	102	.5 (.2)
300	120	32	1½(4)	2 (5)	HBA-32030	109	.5 (.2)
500	240	53	1½(4)	2 (5)	HBA-32050	109	.5 (.2)
200	120	21	1¾(4)	1¾(4)	HBA-161620	124	.5 (.2)
400	120	32	2 (5)	2 (5)	HBA-202040	111	.5 (.2)
200	120	24	2½(5)	1¼(3)	HBA-211220	101	.5 (.2)
400	120	27	2½(5)	2¼(6)	HBA-212240	117	.5 (.2)
800	120	20	2½(5)	6 (15)	HBA-216080	181	.5 (.2)
200	120	22	3¼(8)	¾(2)	HBA-320820	198	.5 (.2)
200	120	12	3½(9)	1½(4)	HBA-341420	104	.5 (.2)
200	120	16	4 (10)	1(3)	HBA-401020	108	.5 (.2)

HBT Series 2" (5 cm) Wide Two-Piece Band Heaters

- ✓ Rugged, Premium Quality
- ✓ Stocked for Fast Delivery
- ✓ Barrel Temperature to 900°F
- ✓ Terminal Posts for Power Connection.

The HBT series has two matching alloy-sheath (max. sheath temperature is 1200°F) tubular elements and stainless steel matching clamping band, same as the HB series. Elements are flattened for maximum transfer.

To Order (Specify Model No.)

MOST POPULAR

Watts	Barrel Dia. In. (cm)	Model No.	Price	Wt. lbs. (kg)
675	3 (8)	HBT-30†	\$176	1 (.5)
925	3¾(10)	HBT-36†	177	1 (.5)
650	4 (10)	HBT-40†	178	1 (.5)
750	4½(11)	HBT-45†	181	1 (.5)
1100	4½(11)	HBT-4411†	181	1 (.5)
825	5 (13)	HBT-50†	184	1.5 (.7)
950	5½(14)	HBT-55/*	189	2 (.9)
1100	6½(17)	HBT-65/*	191	2 (.9)
1275	7½(19)	HBT-75/*	191	2 (.9)
1425	8½(22)	HBT-85/*	201	2 (.9)
1550	9½(24)	HBT-95/*	212	2.5 (1.1)
2000	12 (30)	HBT-120/*	230	3 (1.4)

† The two 120V elements must be wired in series for 240V.

/* Specify voltage, insert 120 for 120 V or 240 for 240V.

Terminal box, hermetic seals, and flexible leadwire with stainless steel overbraiding are available. See page H-14. **Ordering Example:** Model HBT-55/120 is a 950 watt heater 120 VAC, \$189



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• 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

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• 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