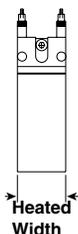


LONG LIFE BAND AND NOZZLE HEATERS



HBA Series



HBT Series



HBA/HBT Series

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" (107 cm) leads are protected by a 36" (91 cm) 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 0.200" 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

Watts	Volts	W/In ²	Barrel Dia. in (cm)	Width	Model No.	Wt. lb (Kg)
275	120	29	1(3)	3 (8)	HBA-103027	0.5 (0.2)
275	120	39	1½(4)	1½(4)	HBA-31427	0.5 (0.2)
350	240	50	1½(4)	1½(4)	HBA-141435	0.5 (0.2)
300	120	32	1½(4)	2 (5)	HBA-32030	0.5 (0.2)
500	240	53	1½(4)	2 (5)	HBA-32050	0.5 (0.2)
200	120	21	1¾(4)	1¾(4)	HBA-161620	0.5 (0.2)
400	120	32	2 (5)	2 (5)	HBA-202040	0.5 (0.2)
200	120	24	2½(5)	1¼(3)	HBA-211220	0.5 (0.2)
400	120	27	2½(5)	2¼(6)	HBA-212240	0.5 (0.2)
800	120	20	2½(5)	6 (15)	HBA-216080	0.5 (0.2)
200	120	22	3¼(8)	7/8(2)	HBA-320820	0.5 (0.2)
200	120	12	3½(9)	1½(4)	HBA-341420	0.5 (0.2)
200	120	16	4 (10)	1(3)	HBA-401020	0.5 (0.2)

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.

Watts	Barrel Dia. in (cm)	Model No.	Wt. lb (kg)
675	3 (8)	HBT-30†	1 (0.5)
925	3¾(10)	HBT-36†	1 (0.5)
650	4 (10)	HBT-40†	1 (0.5)
750	4½(11)	HBT-45†	1 (0.5)
1100	4½(11)	HBT-4411†	1 (0.5)
825	5 (13)	HBT-50†	1.5 (0.7)
950	5½(14)	HBT-55/*	2 (0.9)
1100	6½(17)	HBT-65/*	2 (0.9)
1275	7½(19)	HBT-75/*	2 (0.9)
1425	8½(22)	HBT-85/*	2 (0.9)
1550	9½(24)	HBT-95/*	2.5 (1.1)
2000	12 (30)	HBT-120/*	3 (1.4)

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

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

Terminal box, hermetic seals, and flexible leadwire with stainless steel overbraiding are available.

Ordering Example: HBT-55/120 950 watt heater, 120 Vac.