

## XtremeFlex™ High Temperature Heavy Insulated Heating Tapes (BWH Series)

### Specifications:

- Maximum Exposure Temperature: 1400°F (760°C)
- Samox® Knit and Braided Construction
- Nominal Watts per Square Inch (mm):  
 Standard: 13.1 (0.020)  
 Wide Style: 7.7 (0.012)
- Samox® Outer Sheath
- Suitable for Electrical Conductive Surfaces
- Choice of Power Lead on Same End or Opposite Ends
- 120 or 240VAC
- Includes High Temperature Tie Downs

Temperatures up to



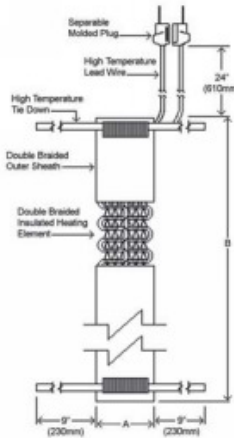
1400°F (760°C)

Additional Items Needed

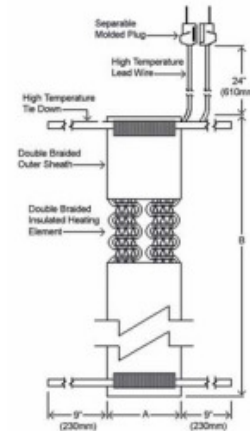


Temperature Controller

**BriskHeat.**



Size A: up to 1" (25mm)



Size A: 1.75" (44mm) or greater [Wide Style]

### Power Lead on Same End

Size A in (mm)	Size B in (mm)	Total Watts	Part No. 120VAC	Part No. 240VAC
0.50 (13)	24 (610)	156	BWH051020L	BWH052020L*
0.50 (13)	48 (1220)	313	BWH051040L	BWH052040L*
0.50 (13)	72 (1830)	470	BWH051060L	BWH052060L*
0.50 (13)	96 (2440)	627	BWH051080L	BWH052080L*
0.50 (13)	120 (3050)	783	N/A	BWH052100L*
0.50 (13)	144 (3660)	940	N/A	BWH052120L*
1.00 (25)	24 (610)	313	BWH101020L	BWH102020L*
1.00 (25)	48 (1220)	627	BWH101040L	BWH102040L*
1.00 (25)	72 (1830)	940	BWH101060L	BWH102060L*
1.00 (25)	96 (2440)	1245	BWH101080L	BWH102080L*
1.75 (44)	24 (610)	313	BWH171020L	BWH172020L*
1.75 (44)	48 (1220)	627	BWH171040L	BWH172040L*
1.75 (44)	72 (1830)	940	BWH171060L	BWH172060L*
1.75 (44)	96 (2440)	1254	BWH171080L	BWH172080L*
1.75 (44)	120 (3050)	1570	N/A	BWH172100L*
2.50 (64)	24 (610)	470	BWH251020L	BWH252020L*
2.50 (64)	48 (1220)	940	BWH251040L	BWH252040L*
2.50 (64)	72 (1830)	1411	BWH251060L	BWH252060L*
2.50 (64)	96 (2440)	1881	BWH251080L*	BWH252080L*
2.50 (64)	120 (3050)	2351	N/A	BWH252100L*
3.25 (83)	24 (610)	627	BWH321020L	BWH322020L*
3.25 (83)	48 (1220)	1254	BWH321040L	BWH322040L*
3.25 (83)	72 (1830)	1881	BWH321060L*	BWH322060L*
3.25 (83)	96 (2440)	2508	BWH321080L*	BWH322080L*
3.25 (83)	120 (3050)	3135	N/A	BWH322100L*

\* Plug not included

### Single Power Lead on Opposite Ends

Size A in (mm)	Size B in (mm)	Total Watts	Part No. 120VAC	Part No. 240VAC
0.50 (13)	24 (610)	156	BWH051020	BWH052020*
0.50 (13)	48 (1220)	313	BWH051040	BWH052040*
0.50 (13)	72 (1830)	470	BWH051060	BWH052060*
0.50 (13)	96 (2440)	627	BWH051080	BWH052080*
0.50 (13)	120 (3050)	783	N/A	BWH052100*
0.50 (13)	144 (3660)	940	N/A	BWH052120*
1.00 (25)	24 (610)	313	BWH101020	BWH102020*
1.00 (25)	48 (1220)	627	BWH101040	BWH102040*
1.00 (25)	72 (1830)	940	BWH101060	BWH102060*
1.00 (25)	96 (2440)	1245	BWH101080	BWH102080*
1.75 (44)	24 (610)	313	BWH171020	BWH172020*
1.75 (44)	48 (1220)	627	BWH171040	BWH172040*
1.75 (44)	72 (1830)	940	BWH171060	BWH172060*
1.75 (44)	96 (2440)	1254	BWH171080	BWH172080*
1.75 (44)	120 (3050)	1570	N/A	BWH172100*
2.50 (64)	24 (610)	470	BWH251020	BWH252020*
2.50 (64)	48 (1220)	940	BWH251040	BWH252040*
2.50 (64)	72 (1830)	1411	BWH251060	BWH252060*
2.50 (64)	96 (2440)	1881	BWH251080*	BWH252080*
2.50 (64)	120 (3050)	2351	N/A	BWH252100*
3.25 (83)	24 (610)	627	BWH321020	BWH322020*
3.25 (83)	48 (1220)	1254	BWH321040	BWH322040*
3.25 (83)	72 (1830)	1881	BWH321060*	BWH322060*
3.25 (83)	96 (2440)	2508	BWH321080*	BWH322080*
3.25 (83)	120 (3050)	3135	N/A	BWH322100*

\* Plug not included

## Heating Tape and Cord Temperature Controllers

Portable Bulb and Capillary Temperature Controller (TS0 Series) Features:

- 120 or 240VAC
- 15 amps
- 4 foot copper bulb and capillary
- Compact portable design
- Plug-in operation



Portable Thermocouple Temperature Controller (TTC Series) Features:

- 120 or 240VAC
- 15 amps
- Plug-in operation
- Type J thermocouple input
- Proportional controlling
- Compact portable design



All-Purpose Bulb and Capillary Temperature Controller (TB250N Series) Features:

- Manually set your desired temperature
- Up to 277VAC
- 22 amp capacity
- Plug-in operation
- Can be used outdoors (Enclosure rated NEMA 3R)



**BriskHeat.**

Digital PID Thermocouple Temperature Controller (BriskONE Series) Features:

- Accuracy:  $\pm 1$  least significant digit
- Operating voltage 120 or 240 VAC, +10% - 15%, 50-400Hz
- Rated 15 amp at 120VAC, 10 amp at 240VAC
- Type J thermocouple input
- Dual display shows set-point and actual temperature
- Programmable to either  $^{\circ}\text{C}$  or  $^{\circ}\text{F}$
- Automatic tuning of PID parameters
- Auto/manual control ability
- Compact portable design
- Simple four key user control



## Heating Tape and Cord Accessories

### ADHESIVE MOUNTING TAPES

Part Number	Material	Width in (mm)	Length		Temperature Limit
			Yards	Meters	
PSAT-36	Fiberglass	.5 (13)	36	32.9	350°F (176°C)
AAT260	Aluminum	2 (51)	60	54.8	350°F (176°C)
AAT2180	Aluminum	2 (51)	60	54.8	550°F (288°C)

### HIGH TEMPERATURE POWER LEAD WIRES

Part Number	Description	AWG	Length		Temperature Limit
			Feet	Meters	
HTLW16	Fiberglass insulated,	16	25	7.62	900°F (482°C)
HTLW12	nickel plated copper	12	25	7.62	900°F (482°C)

### POWER PLUGS

Part Number	Description	Voltage	NEMA	Amps	
10115	2P, 2W	125VAC	1-15	15	
10113	2P, 3W grounded	125VAC	5-15	15	
10478	2P, 3W grounded	250VAC	15		
CA0001	2P, 3W (pins included)	Up to 600VAC	N/A	15	
CA0002	2P, 3W (sockets included)	Up to 600VAC	N/A	15	