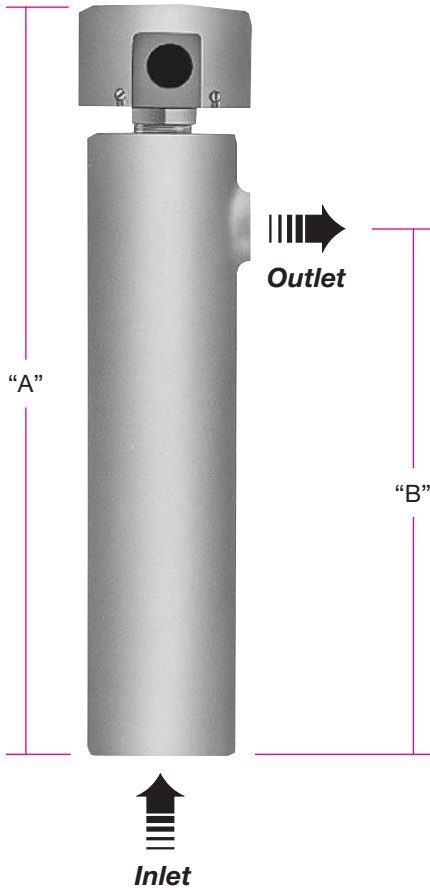


### Mightybooster™ Circulation Heater — Point of Use



#### Design Features

- \* Integral 60°F (15°C) to 180°F (82°C) Thermostat
- \* NEMA 1 Terminal Housing
- \* Insulated Carbon Steel or Bronze Vessel
- \* 1" NPT Inlet and Outlet
- \* Copper Sheath Heating Elements and Brass Screw Plug
- \* Watt Density of 60 watts/in<sup>2</sup> (9.3 watts/cm<sup>2</sup>)

#### Typical Heating Application: Clean Water • Aqueous Solutions

Vessel Material	KW	"A" OAL		"B" Inlet-Outlet		Part Number 120/240V	Approximate Net Weight	
		in	mm	in	mm		lbs	kgs
Carbon Steel	1.5	18	457	12 <sup>3</sup> / <sub>8</sub>	314	CHF02097	8	3.6
	2.0	18	457	12 <sup>3</sup> / <sub>8</sub>	314	CHF02098	8	3.6
	2.5	22	559	16 <sup>3</sup> / <sub>8</sub>	416	CHF02099	11	5.0
	3.0	22	559	16 <sup>3</sup> / <sub>8</sub>	416	CHF02100	11	5.0
Bronze	1.5	18	457	12 <sup>3</sup> / <sub>8</sub>	314	CHF02101	12.5	5.7
	2.0	18	457	12 <sup>3</sup> / <sub>8</sub>	314	CHF02102	12.5	5.7
	2.5	22	559	16 <sup>3</sup> / <sub>8</sub>	416	CHF02103	14.5	6.6
	3.0	22	559	16 <sup>3</sup> / <sub>8</sub>	416	CHF02104	14.5	6.6

#### Design Features

- \* Integral 150°F (65°C) to 560°F (300°C) Thermostat
- \* NEMA 1 Terminal Housing
- \* Insulated Carbon Steel Vessel
- \* 1" NPT Inlet and Outlet
- \* Steel Sheath Heating Elements and Steel Screw Plug
- \* Watt Density of 23 watts/in<sup>2</sup> (3.6 watts/cm<sup>2</sup>)

#### Typical Heating Application: Lubricating Oils

Vessel Material	KW	"A" OAL		"B" Inlet-Outlet		Part Number 120/240V	Approximate Net Weight	
		in	mm	in	mm		lbs	kgs
Carbon Steel	0.5	22	559	16 <sup>3</sup> / <sub>8</sub>	416	CHF02105	11	5.0
	0.75	22	559	16 <sup>3</sup> / <sub>8</sub>	416	CHF02106	11	5.0
	1.0	22	559	16 <sup>3</sup> / <sub>8</sub>	416	CHF02107	11	5.0

### Ordering Information

#### Catalog Heaters

Order by Part Number for catalog heaters listed above.  
**Standard lead time is 3-4 weeks.**

#### Custom Engineered/Manufactured Heaters

For ratings not listed, **TEMPCO** will design and manufacture a Mightybooster Heater to meet your requirements.

**Please Specify** the following:

- |  |  |
|--|--|
| <input type="checkbox"/> Application, including operating temperature/pressure | <input type="checkbox"/> Element Immersion Length  |
| <input type="checkbox"/> Wattage and Voltage                                   | <input type="checkbox"/> Electrical Enclosure Type |
| <input type="checkbox"/> Screw Plug Material                                   | <input type="checkbox"/> Thermostat — if required  |
| <input type="checkbox"/> Element Sheath Material                               | <input type="checkbox"/> Vessel Material           |
| <input type="checkbox"/> Element Watt Density                                  | <input type="checkbox"/> Additional Insulation     |
|  | <input type="checkbox"/> Other Optional Features   |

**WARNING:** Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).