

## MCH Metal Clad Modular Hopper Surface Heater

### Product Highlights

- ✓ Ideal for ESP (Electrostatic Precipitator) hoppers, baghouse hoppers, and material and dust-collector hoppers
- ✓ System of modular heaters meets your heat-up and total wattage requirements
- ✓ Easy stud-welding installation
- ✓ Meets all IEEE 1069 standards
- ✓ Simple, one-piece stainless steel design
- ✓ Exceptional durability
- ✓ 5-year warranty



#### Stainless Steel Protective Shell

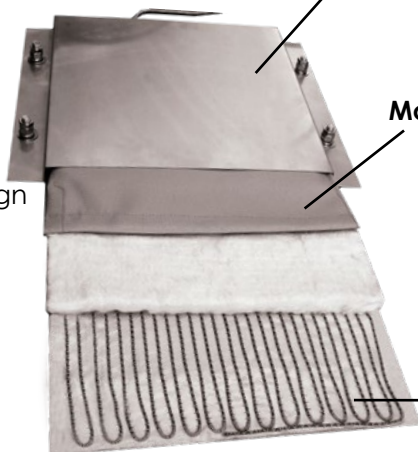
- Protects heater from outdoor conditions
- Superior rigidity enhances heater-to-surface contact
- Corrosion and rust resistant

#### Modular Blanket Hopper Heater

- High-temperature construction
- Energy-efficient 3/4" (19mm) thick fiberglass insulation reduces required wattage and improves heat-up time

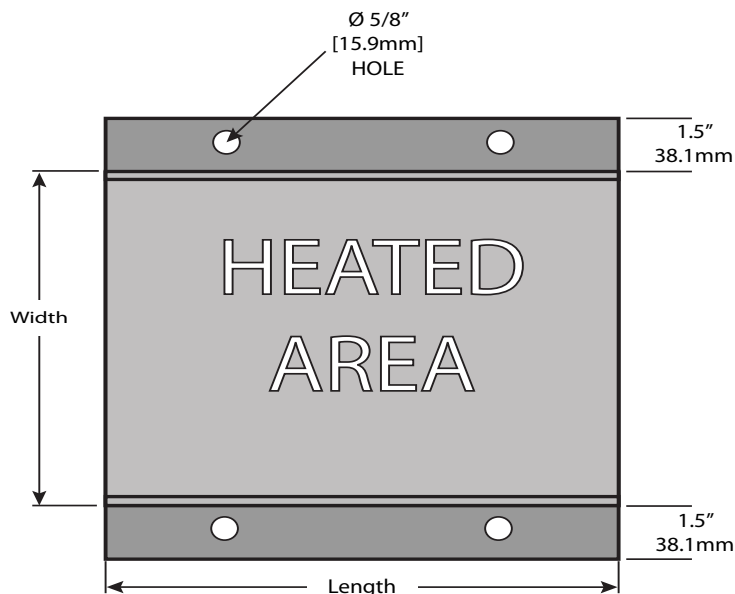
#### Multi-Stranded Heating Element

- Maximum uniformity, durability, and safety
- BriskHeat® exclusive core technology



### Specifications:

- Maximum exposure temperature: 1000°F (538°C)
- Power density range: 0.75 W/in<sup>2</sup> (0.001 W/mm<sup>2</sup>) to 3.0 W/in<sup>2</sup> (0.005 W/mm<sup>2</sup>)
- Patented grounded heating element; meets NEC 427.23
- Dielectric strength of over 2000 volts
- Choice of voltage: 120, 208, 240, 277, 480, or 600VAC single-phase
- Power Leads: 12ft (3.6m) long, moisture resistant, high-temperature stainless steel overbraid, with bare-wire connection



### Modular Heater Size Chart:

Width in (mm)	Length in (mm)	# of Stud Holes
3 (76)	12 (305)	2
6 (152)	12 (305)	2
12 (305)	12 (305)	4
12 (305)	24 (610)	4
12 (305)	36 (914)	6
12 (305)	48 (1220)	6

**Note:** For installation add 3" (76mm) to heater width

### Stud Welding Kits:

Type	# of Studs per Kit	Part Number
Arc Stud	2	MCHARC2
	6	MCHARC6
	12	MCHARC12
Capacitive Discharge	2	MCHCD2
	6	MCHCD6
	12	MCHCD12

### Ordering Information:

Contact your local representative or BriskHeat® for a quotation and application assistance.

**IMPORTANT:** Temperature controller is required for this product. See **pages 86 through 104** for options.