



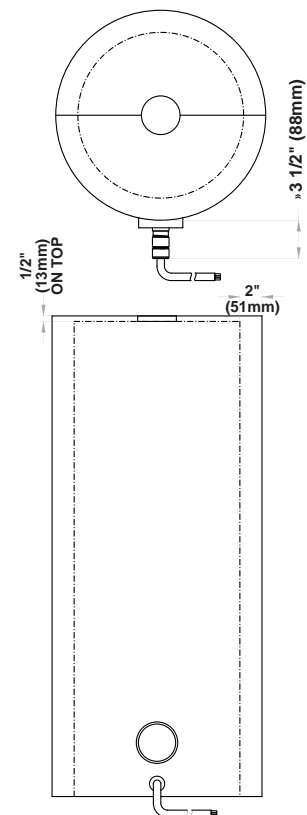
BriskHeat® Gas Cylinder Warmers

Product Highlights

- ✓ **Improves Process Control and Reduces Wasted Gas That Has Condensed**
 - ▶ Creates convection current
 - ▶ Increases pressure inside cylinder
- ✓ **Gases Known to Benefit from This Process**
 - ▶ SF₆, Propane, Nitrogen, Oxygen, BCl₃, WF₆, and HF
- ✓ **Fits Most Gas Cylinders**
- ✓ **Full Surface Coverage**
- ✓ **Insulation Reduces Heat Loss**
- ✓ **Models for Hazardous Locations**
 - ▶  Class I Division 1 Groups B, C, and D
 - ▶ ATEX  II 2G EEx de IIB T6



Patent 7,015,425 B2



Specifications:

- Self-regulating grounded heating element
- Total watts: up to 150
- 150°F (66°C) maximum exposure temperature on heating surface
- Available in 120 and 240 VAC
- Frequency range: 50-60Hz
- Insulation thickness
 - Sides: 2.0" (51mm)
 - Top: 0.5" (13mm)
- Ambient temperature range: 30°F to 95°F (-1°C to 35°C)
- Closure: hook and loop fastener like VELCRO®
- Moisture and oil resistant
- Capable of being used outdoors
- Power lead type
 - Ordinary location model: SJOW cord
 - Hazardous location models: Teck 90 cable
- Power lead length: 10 feet (3m)
- Optional cylinder base insulation pad and valve cover to further reduce heat loss

Ordering Information:

Ordinary Locations and Class I Division I Groups B, C & D Part Number Matrix

GCW 15 43 150 1

Gas Cylinder Warmer Model _____

GCW- (for Ordinary Locations)

HCW- (CSA Class I Division I Groups C & D)

Diameter in inches _____

(Maximum 15"; Minimum 8")**

Length in inches _____

(Maximum 51"; Minimum 15")**

Total Wattage _____

50- (50 watts), 100- (100 watts), 150- (150 watts)

Voltage _____

1- (120VAC), 2- (240VAC)

ATEX II 2G EEx de IIB T6 Part Number Matrix

HCW - - - - ATEX

Hazardous Locations Gas Cylinder Warmer _____

Diameter in mm

(maximum 381mm; minimum 203mm)** _____

Length in mm

(maximum 1295mm; minimum 381mm)** _____

Total Wattage (maximum 150W) _____

50- (50 watts), 100- (100 watts), 150- (150 watts)

Voltage _____

1- (120VAC), 2- (240VAC)

ATEX approved _____



** NOTE: Maximum and minimum for the length and diameter will also depend on the amount of wattage needed.

Due to the nature of the heating element, there is a possibility of a high inrush current during start up at lower ambient temperatures.

Accessories

Cylinder Base Insulation Pad- Placed between cylinder and floor. Further insulates the cylinder from heatsinks such as a concrete floor.

Valve Cover- Placed on top. Reduces the amount of heat loss through the top of the cylinder.

Part Number	Description
GCWTOP	Gage/Valve Cover
GCW12B	Cylinder Base Insulation Pad for 8" (203mm) Cylinder
GCW15B	Cylinder Base Insulation Pad for 9"(229mm) Cylinder
GCW18B	Cylinder Base Insulation Pad for 15" (381) Cylinder