

## Gas Cylinder Warmers

### Product Highlights

✓ **Improves Process Control and Reduces Wasted Condensed Gas**

- Creates convection current
- Increases pressure inside cylinder

✓ **Gases Known to Benefit from This Process**

- SF<sub>6</sub>, Propane, Nitrogen, Oxygen, BCl<sub>3</sub>, WF<sub>6</sub>, 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

### Specifications:

- Self-regulating grounded heating element
- Total watts: up to 150W
- 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° to 95°F (-1° to 35°C)
- Closure: hook and loop fastener
- 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-foot (3m)
- Optional cylinder base insulation pad and valve cover to further reduce heat loss



Patent 7,015,425 B2

## Gas Cylinder Warmers continued

### 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 B, C & D)					
Diameter in inches _____					
Length in inches _____					
Total Wattage _____					
50, 100, 150					
Voltage _____					
1- (120VAC), 2- (240VAC)*					

\* GCW, 240VAC, 150W models have crimped wire ferrule terminated leads.

### Hazardous-Area Rated Models (HCW series) Min / Max Sizes:

Diameter:

Minimum: 8" (203mm)

Maximum: 15" (381mm)

Length:

Minimum: 15" (381mm)

Maximum: 51" (1295mm)

**Ordinary Location Models (GCW series):** can be designed for a wide range of gas cylinder sizes. Call factory for details.

### 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	12" (305mm) Cylinder Base Insulation Pad for 8" (203mm) Cylinder
GCW15B	15" (381mm) Cylinder Base Insulation Pad for 9" (229mm) Cylinder
GCW18B	18" (457mm) Cylinder Base Insulation Pad for 15" (381mm) Cylinder

