

Cylinder Heating Blankets



Calibration gases are essential for various analytical applications, but when temperatures drop, gas mixtures lose pressure and may separate. At Air Liquide, we understand that production must continue in cold weather. That is why we designed the CG HEATER—an insulating electric heater that solves the problem of gas stratification by generating a convection current within the cylinder.

Superior Design

The CG HEATER covers the cylinder like an over-sized tea cozy and closes easily with Velcro fasteners. Two inches of rigid insulation keeps heat inside the cylinder and cold weather outside. Covering the insulation is a chemical resistant outer layer of silicone-impregnated fiberglass cloth. This weatherproof covering can withstand temperatures up to 260°C (500°F) and will not hold a flame.

Designed for Safety

The CG HEATER is suitable for use in hazardous areas and is CSA certified for use on calibration gas cylinders. The self-regulating heating element maintains a stable temperature by using more electricity as the outside temperature falls. As the outside temperature rises, power usage decreases ensuring that the cylinder will not over-pressurize.



Size 108 and 44 Pictured Above

Specifications

To generate a catalogue number use: HQ2015-MODEL-VOLTS-CABLE-OPTIONS

Model:

- 1A (size 44) for 9"D x 51"L cylinders (50 Watts)
- 1F (size 108) for 15"D x 43"L cylinders (100 Watts)
- 1R (size 30AL) for 8"D x 48"L cylinders (50 Watts)
- 2 (size 17) for 9"D x 26"L cylinders (30 Watts)

Volts: 120 VAC OR 240 VAC

Cable: 3 meters TECK 14/2

Options: B for group B certification

I for insulating base for preventing heat loss from the cylinder bottom

R for HQ2018 insulating cover for preventing heat loss from the regulator

Guaranteed against defects in workmanship and materials for one year.

Approvals:

CSA , Class 1, Division 1, Groups C and D

Air Liquide specializes in custom applications.

If you require non-standard selections, please contact Air Liquide.