



HIGH-Q DESIGN LTD.		ISO9001
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CG HEATER™

Calibration gases are essential for various analytical applications, but when temperatures drop components may separate. At hi-Q, 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 thermal convection current within the cylinder.

SUPERIOR DESIGN

CG HEATER covers the cylinder like an over-sized tea cozy and closes easily with Velcro fasteners. Two inches of semi-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

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

SPECIFICATIONS

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

For an insulating base to prevent heat loss from the cylinder bottom use: **HQ2015 - MODEL - IB**

For an insulating cover to prevent heat loss from the regulator use: **HQ2015 - RC**

MODEL: 1A	for	9" D x 51" L	cylinders (50 Watts)
1F	for	15" D x 43" L	cylinders (100 Watts)
1K	for	15" D x 52" L	cylinders (100 Watts)
1R	for	8" D x 48" L	cylinders (50 Watts)
2	for	9" D x 26" L	cylinders (30 Watts)

VOLTS: 120 VAC or 240 VAC

CABLE: 3 meters TECK 14/2 (standard)

OPTIONS: B for group B certification

Approvals: CSA NRTL/C Class I, Division 1, Groups C and D

hi-Q specializes in custom applications, if you require non-standard selections please contact our engineering design group. Guaranteed against defects in materials and workmanship for life.