

# SCOTT™ Heating and Insulating Cylinder Jackets



## Benefits and Features

- Eliminates inaccurate calibration and process control caused by temperature-compromised gas mixtures.
- Heats and insulates to prevent cylinder contents from condensing.
- Even distribution of heating cable prevents hot spots that can cause dangerous cylinder failure.
- Velcro/D-ring closures ensure a snug fit.
- Closed-cell foam insulation, with silicone-impregnated fiberglass liner and polyester exterior jacket provide long-lasting weather protection.
- Ideally suited for natural gas, power plant and utility applications.
- Includes 10' of three color-coded conductors in a flexible conduit ready for hard-wiring by a licensed electrician.
- Fluoropolymer overjacket protects heat cable from corrosion.

*\* Shown with optional regulator cover.*



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Mix several hydrocarbon components in a cylinder, then expose that cylinder to low temperature. You'll have a "sticky" situation. Heavier molecules drop out of the gas mixture and stick to the cylinder walls, seriously compromising the homogeneity and therefore the accuracy of your mixture.

Using a heating and insulating jacket from Air Liquide prevents condensation from forming inside a cylinder, especially for hydrocarbon and protocol mixtures. Our jacket features a self-limiting heating cable that prevents over-heating. As temperature increases, element resistance rises resulting in lower amperage to the heater. Lower amperage causes a wattage drop, thus limiting maximum attainable temperatures. SCOTT cylinder jackets may be used to maintain cylinders from 60°F (18°C) to 120°F (49°C). They are constructed of materials approved by Underwriters Laboratories, Inc. for Class 1, Division 2, Group B, C and D hazardous locations.

### Specifications

Jackets maintain temperature @ 70°F Ambient: 120°F (49°C)  
0°F Ambient: 60°F (16°C)  
Voltage Rating: 110/120 VAC

Model Number	Cylinder Size	Dimensions OD	
		in	cm
Q5AD2G120P	44	12 x 51	29 x 130
Q5ALD2G120P	30AL	11 x 47	27 x 119
Q5BLD2G120P	16AL	11 x 33	27 x 84
Q5CLD2G120P	7AL	11 x 15	27 x 38
Q5KD2G120P	49	12 x 55	30 x 140
Q5XLD2G120P	108	17 x 45	43 x 114

  

Options	
Q5THERMOSTAT	Thermostat in NEMA 7 Housing
Q5INSULPAD	Cylinder Pad
Q5HOODLTG	Regulator Cover

Classification: Class 1, Division 2, Group B, C and D UL listed components.



Founded in 1902, Air Liquide is a world leader in industrial and medical specialty gases and related services, providing innovative solutions for the manufacture of everyday products and for the protection of life.

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### IMPORTANT

These jackets are **NOT** designed to heat up cylinders that have been stored in cold or sub-freezing temperatures. Cold cylinders should be brought indoors to warm up **BEFORE** cylinder jacket is used.

Under circumstances due to ambient temperature and wind chill, excessive heat losses may be experienced. An insulated top cover may be required to maintain the published temperatures (optional regulator covers are available).



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