



# Welker® Heat Blanket



*Protect your calibration standards and your calibration tables from temperature-induced stratification with a Welker® Cylinder Heat Blanket.*

*At Welker, safety is our primary concern. Our cylinder heat blankets are assembled from materials approved and certified by Factory Mutual Research, Underwriters Laboratories, Inc. and/or the Canadian Standards Association for Class 1, Division 2, Groups B, C & D use.*

## General Description

The Welker® Cylinder Heat Blanket is designed to maintain the temperature for your standard and prevent temperature swings that will affect the integrity of your calibration standard. Exposing the standard to temperature below its dew point may cause stratification, with the heavier components settling on the bottom and the lighter components collecting near the top. The Welker® Cylinder Heat Blanket protects the hydrocarbon dew point on the cylinder contents, preventing unwanted condensation inside the cylinder.

One-piece design, with two thermal layers, provides superior temperature protection and rugged, flexible construction. The cylinder heat blanket fits securely utilizing loop and hook closures and stays fastened with stainless steel buckles. Velcro® flaps seal off the seams to minimize heat loss. A self-limiting heater cable with a fluoropolymer over-jacket and grounded braid are sewn into the blanket, while an insulated hat keeps the cylinder valve and regulator heated. Ten feet of wire in flexitallic conduit ends with a hot end termination, permitting easy hard wiring by a licensed electrician. The adjustable thermostat is provided in a NEMA 4X/7 enclosure with a six (6) foot capillary and bulb.

**Welker Does It Right!**

**Welker® ... When Excellence Counts!**

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## \*Blanket Specifications

- **Blanket Dimensions:** 9" Cylinder — Depth: 9" (22.86 cm); Height: 48" (121.92 cm)  
15" Cylinder — Depth: 15" (38.1 cm); Height: 35" (88.9 cm)
- **Temperature Maintained:** 140°F (60°C)
- **Ambient Temperature:** 0°F (-18°C)
- **Voltage:** 120 VAC
- **Classification:** Class 1, Division 2, Groups B, C and D  
UL Listed Components
- **T Rating:** T-3

**Note:** Class 1, Division 1, Group B, C, & D are also available as 208/240 volt systems

\*Specifications subject to change without notice.  
Drawings/Photos may be shown with optional equipment.

## Heat Trace Design System

Case	Ambient	Heat Loss	Footage of HTSX-20-1-BNOJ	(Constant 140° F) Amps Operating	(Worst Case @ 0° F) Amps Start
1	0°F	165 Watts	20'	2.1	3.3

## Other Welker® Products

- Heat traced tubing
- Heated regulator
- Calibration standard heated enclosure



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