

Welker[®] Heat Blanket

Model HBAWEL9 & HBAWEL15



1.1 Product description

The Welker Heat Blanket is designed to maintain the temperature of your standard and prevent temperature changes that will affect the integrity of your calibration standard. The blanket prevents unwanted condensation inside sampling equipment. Two thermal layers provide superior temperature protection and create a rugged, flexible construction. Loop and hook closures help the blanket to stay fastened to equipment, and Velcro straps close at the seams to minimize heat loss. An adjustable thermostat is optional and can be included with the blanket in order to further regulate temperature. If a thermostat is not included, the blanket cable is self-regulating.

Table 1

Specifications	
Temperature Maintained	140° F @ at 0° F
Voltage	120 VAC
Classification	Class 1, Division 2, Groups B, C and D UL Listed Components
T-Rating	T-3

1.2 Installation instructions



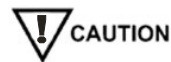
Figure 1

1.2.1 Adjust and fit the blanket to the equipment.

1.2.2 If a thermostat is included, insert the thermostat sensor (see Figure 2) through the heat blanket seam and between the blanket and the equipment.



Figure 2



Steps 1.2.3 and 1.2.4 should be completed by a qualified electrician only. See manufacturer's recommendations.

1.2.3 If a thermostat is included, make the terminations from the heat blanket cable to the terminal strip of the thermostat (see Figure 3).

1.2.4 Make the terminations from the terminal strip of the thermostat to the power source. If your blanket doesn't have a thermostat, connect the blanket cable directly to the power source.



When a thermostat is supplied, conduit seals are included for the cable and power source connections (not shown). When sealing fittings with PTFE tape, refer to the proper sealing instructions for the tape used.

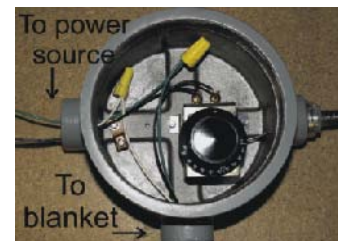


Figure 3

1.2.5 Turn on the power source and, if applicable, adjust the thermostat to the desired temperature.

1.2.6 The blanket is now in operation. No maintenance is required. Contact Welker if the thermostat or thermostat sensor needs replacement.



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