



- INSTRUCTIONS -
FREEZE PROTECTION
TEMPERATURE CONTROL
With
Non-Cycling Manual Reset

This control is specifically designed to shut down cooling equipment before undesirably low temperatures are reached. This control has open on fall switch action and is of the

non-cycling manual reset type. Once its contacts open, they will not reclose until the Manual Reset Button is pushed after the temperature has risen above the cut-out point.

INSTALLATION

The switch mechanism of this control may be mounted in any location provided that the temperature and humidity of the air in which it is located do not cause a condensation on the switch parts.

The sensitive element or "bulb" should be located in the average temperature of the controlled area.

Capillary tubing should be led over a path that protects it from injury from blows, cuts, etc., avoid kinking and twist-

ing. It should be attached to some surface at frequent points along its length and not be permitted to hang loosely. Excessive capillary should be coiled and secured at some convenient protected location close to the switch mechanism.

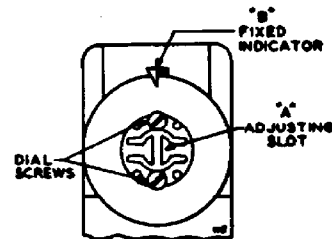
The bulb should be handled with reasonable care also. A dent or sharp bend may change the calibration and cause the control to cycle at a temperature different than the dial setting.

SETTING

The indicator "B" points to the temperature at which the contacts open to stop the compressor.

To set the control, use screwdriver in slot and rotate dial until the desired temperature at which compressor is to stop is directly under the indicator.

NOTE: Temperature of control bulb must be about 10° above dial setting when Manual Reset Button is pushed before control will allow compressor to restart.



WIRING

All wiring should be done according to local and national electrical codes.

Follow the wiring instructions provided by the cooling equipment manufacturer. This Non-Cycling Manual Reset

control should be wired in series with the normal operating control of the cooling equipment.

CALIBRATION

This control has been accurately calibrated at the factory. If, however, due to the adaptation of the control to the application, or for any other reason the control is very far off calibration, it may be quickly re-calibrated as follows:

1. Measure the temperature as close to the bulb as possible, immediately after the Non-Cycling Manual Reset control opens its contacts, stopping the compressor.
2. Break the painted seal between the dial and the adjusting plate with a knife.
3. Carefully loosen the two dial screws. Be careful not to turn the aluminum cylinder below the dial during this or any of the following operations.
4. Turn the dial only so that the fixed indicator points to the temperature measured at operation "1".
5. Carefully tighten the dial screws.

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