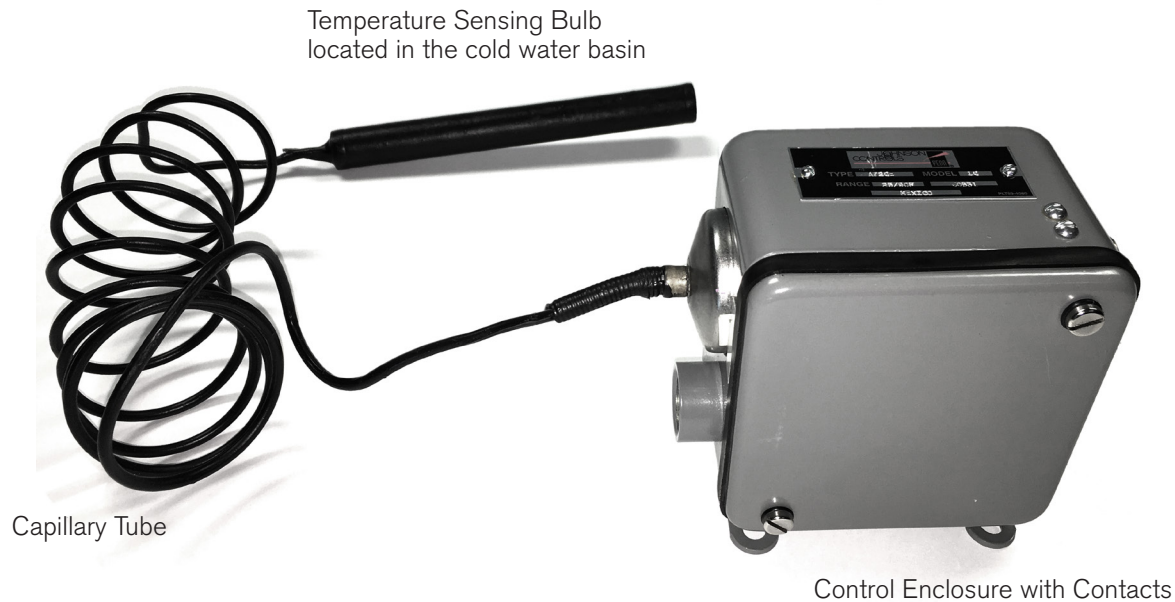


Pump Thermostat

FLUID COOLER CONTROLS

engineering data
and specifications



JOHNSON CONTROLS PUMP THERMOSTAT

The Johnson Controls A72 Series thermostat (Marley part number C00607) is used in conjunction with a Marley safety circuit. The safety circuit prevents spray pump operation during freezing water conditions in the cold water basin. If the temperature in the cold water basin drops to 35°F, a set of internal contacts change state. Once temperature rises to 45°F, the internal contacts change state again..

SEQUENCE OF OPERATION

In normal condition, the internal contact is in an open state. Once temperature drops below the cut out point the contact will close and energize a control relay in the fluid cooler control panel shutting off the pump. Pump operation is allowed once temperature rises above its cut in point and the pump circuit is reset at the control panel.

GENERAL DESCRIPTION

The rubber gasket-lined, weather resistant enclosure is made of heavy gauge steel. The range and differential adjustments can be made by removing the gasket-lined access plugs. Direct-reading scales can be observed by removing the cover. The bulb and capillary tube are neoprene coated to resist abrasion and corrosive environments. The sensing element is cross ambient to provide operation under all temperature conditions within the rating of the control.

more 

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