

A72 Series

# Two Pole Heavy Duty Temperature Controls (Adjustable Differential)

## Description

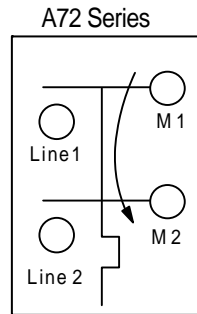
The A72 Series temperature controls incorporate a vapor charged sensing element and heavy duty contacts.

## Features

The double-pole single-throw contact block contains two isolated sets of contacts that make or break simultaneously.

## Applications

Use for automatic control of heavy electrical loads.



Action on Increase on Temperature

A72 Action Diagram



A72AA-3

## Selection Charts

Code Number	Switch Action	Range °F (°C)	Diff F° (C°)	Bulb and Capillary	Max Bulb Temp °F (°C)	Range Adjuster
A72AA-1C	DPST Close High Open Low	-30 to 30 (-34 to -1)	4 to 25 (2 to 14)	3/8 in. x 3 in. <sup>1</sup> 6 ft Cap.	200 (93)	Screwdriver Slot
A72AA-2C	DPST Close High Open Low	15 to 55 (-9 to 13)	3 to 30 (1.7 to 17)	3/8 in. x 3 in. <sup>1</sup> 6 ft Cap.	200 (93)	Screwdriver Slot
A72AA-3C	DPST Close High Open Low	50 to 90 (10 to 32)	3 to 30 (1.7 to 17)	11/16 in. x 6-3/4 in. Cross Ambient 6 ft Cap.	135 (57)	Screwdriver Slot
A72AP-1C <sup>2</sup>	DPST Close High Open Low	-10 to 65 (-23 to 18)	4 to 40 (2 to 22)	11/16 in. x 6-3/4 in. Cross Ambient 6 ft Cap.	130 (54)	Screwdriver Slot

1. Packing nut assembly available for direct immersion applications, Part No. FTG13A-600R.
2. Equipped with manual "PUSH TO START" button. Manual start feature is especially desirable on milk cooler jobs...permits manual start of the compressor when bulb temperature is between closing and opening setting of switch.

## Replacement Covers

Code Number	Description
CVR17A-620R	Automatic reset cover
CVR17A-621R	Manual reset cover

## Technical Specifications

### Electrical Ratings

Motor Ratings VAC	120 1Ø	208 <sup>1</sup> 1Ø	240 <sup>1</sup> 1Ø	220 <sup>1</sup> 2Ø	208 3Ø	220 3Ø
Horsepower	2	3	3	5	5	5
AC Full Load Amp	24.0	24.0	24.0	15.0	15.9	15.0
AC Locked Rotor Amp	144.0	144.0	144.0	90.0	95.4	90.0
AC Non-Inductive Amp	24.0	24.0	24.0	-	-	-
DC Non-Inductive Amp <sup>2</sup>	3.0	-	0.5	-	-	-
Pilot Duty – 125 VA, 120 to 600 VAC 57.5 VA, 120 to 300 VDC						

1. These full load and locked rotor ampere (not horsepower) ratings apply to hermetic compressors only.
2. This rating does not apply to A72AP-1 control.