

A72 Series

# Cooling Tower or Evaporative Condenser Controls (Single Stage Temperature Control With Outdoor Enclosure)



A72

## Description

The A72AE and A72CE are wide range temperature controls with heavy duty DPST contacts and neoprene coated sensing elements.

## Features

- open/close high models available

## Applications

- control of cooling tower fans; motorized valves or solenoid operated valves

## Specifications

- ambient temperature limits:  
-65 to 150°F (-54 to 66°C)
- maximum bulb temperature:  
170°F (77°C)

## To Order

Specify the code number from the following selection chart.

## Selection Chart

Code Number	Switch Action	Range °F (°C)	Diff F° (C°)	Bulb and Capillary	Range Adjuster
A72AE-1C	DPST Close High	25 to 90 (-5 to 30)	4 to 25 (2.2 to 14)	11/16 in. x 6 3/4 in. Neoprene Coated 6 ft Cap.	Internal Screwdriver Slot
A72CE-1C	DPST Open High				

## Electrical Ratings

Motor Ratings VAC	120 1Ø	208 <sup>(a)</sup> 1Ø	240 <sup>(a)</sup> 1Ø	220 <sup>(a)</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	3.0	–	0.5	–	–	–
Pilot Duty – 125 VA, 120 to 600 VAC 57.5 VA, 120 to 300 VDC						

(a) These full load and locked rotor ampere (not horsepower) ratings apply to hermetic compressors only.