

A72 Series

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

Description

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

Features

Open high or close high models are available.

Applications

Use for control of cooling tower fans; motorized valves or solenoid operated valves.



A72

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	4 to 25	11/16 in. x 6-3/4 in.	Internal
A72CE-1C	DPST; Open High	(-5 to 30)	(2.2 to 14)	Neoprene-coated 6 ft Cap.	Screwdriver Slot

Technical Specifications

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

Electrical Ratings

Motor Ratings VAC	120 1Ø	208 ¹ 1Ø	240 ¹ 1Ø	220 ¹ 2Ø	208 3Ø	220 3Ø
Horsepower	2	3	3	5	5	5
AC Full Load A	24.0	24.0	24.0	15.0	15.9	15.0
AC Locked Rotor A	144.0	144.0	144.0	90.0	95.4	90.0
AC Non-Inductive A	24.0	24.0	24.0	—	—	—
DC Non-Inductive A	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.