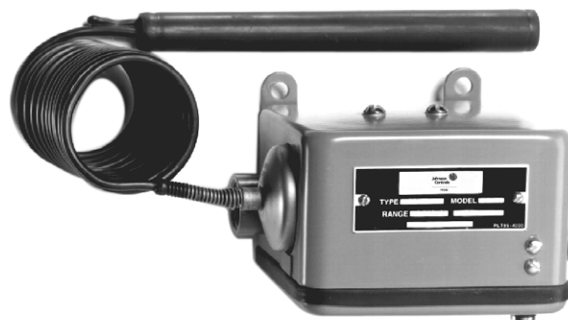




# A72 Series Cooling Tower or Evaporative Condenser Controls (Single-Stage Temperature Control with Outdoor Enclosure) Catalog Page

LIT-1927160

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## Description

The A72AE and A72CE are wide range temperature controls with heavy duty double-pole, single-throw (DPST) contacts and neoprene-coated sensing elements.

Refer to the *A72 Series Temperature Controls for Cooling Towers and Evaporated Condensers with Weather Resistant Enclosure Product Bulletin (LIT-125165)* for important product application information.

## Features

Open high or close high models are available.

## Applications

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

## Repair information

If the A72 Series Cooling Tower or Evaporative Condenser Control fails to operate within its specifications, replace the unit. For a replacement control, contact the nearest Johnson Controls® representative.

A72AE, A72CE

## Selection chart

**Table 1: A72 Series Cooling Tower or Evaporative Condenser Controls selection chart**

Product Code Number	Switch Action	Range °F (°C)	Differential 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				

## Technical specifications

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

**Table 2: Electrical ratings**

Motor Ratings VAC	120 Single-Phase	208* Single-Phase	240* Single-Phase	220* Two-Phase	208 Three-Phase	220 Three-Phase
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					

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

## Product warranty

This product is covered by a limited warranty, details of which can be found at [www.johnsoncontrols.com/buildingswarranty](http://www.johnsoncontrols.com/buildingswarranty).

## Single point of contact

APAC	Europe	NA/SA
JOHNSON CONTROLS C/O CONTROLS PRODUCT MANAGEMENT NO. 32 CHANGJIANG RD NEW DISTRICT WUXI JIANGSU PROVINCE 214028 CHINA	JOHNSON CONTROLS WESTENDHOF 3 45143 ESSEN GERMANY	JOHNSON CONTROLS 507 E MICHIGAN ST MILWAUKEE WI 53202 USA

## Contact information

Contact your local branch office:  
[www.johnsoncontrols.com/locations](http://www.johnsoncontrols.com/locations)

Contact Johnson Controls:  
[www.johnsoncontrols.com/contact-us](http://www.johnsoncontrols.com/contact-us)