

A11 Series

# Low Temperature Cutout Control

## Description

The A11 Series low temperature cutout controls incorporate a 20-foot long spot-sensitive, vapor-charged sensing element. The A11 reacts to the coldest 14- to 16-inch section of the sensing element. The A11 is suitable for monitoring the face temperature of hot water coils for freeze protection.

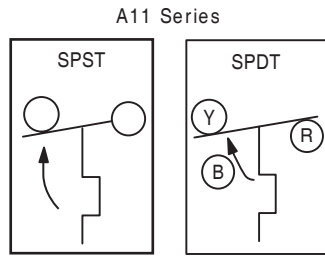
Refer to the *A11 Series Low Temperature Cutout Control Product Bulletin, LIT-125010* for important product application information.

## Features

- snap-acting switch
- external temperature scale
- easy setpoint adjustment with top or bottom access

## Applications

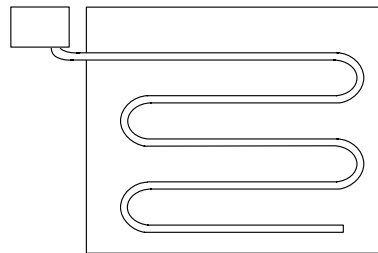
Use for low temperature cut-out for coils and/ or pipe liquid sensing.



Action on Increase of Temperature



A11B-1



Mount Coils Horizontally ONLY

## Repair Information

If the A11 Series Low Temperature Cutout Control fails to operate within its specifications, replace the unit. For a replacement cutout control, contact the nearest Johnson Controls® representative.

## Selection Chart

### A11 Series Low Temperature Cutout Control

Code Number	Switch Action	Range °F (°C) <sup>1</sup>	Diff F(°C)	Bulb and Capillary	Range Adjuster
A11A-1C	SPST	35 to 45 (2 to 7)	Manual Reset	20 ft of 1/8 in. O.D. Tubing, 4 ft Cap.	Screwdriver Slot
A11B-1C	Open Low		8 (4.4) (Fixed)		
A11D-5C	SPDT		Manual Reset		
A11E-6C	Open Low		8 (4.4) (Fixed)		

1. Low limit stop set at 35°F (Can not be set below 35°F)

## Accessories

Order replacement cover, **CVR30A-601R**, separately, if required.

## Technical Specifications

- ambient temperature of control: 0-140°F (-17.8 - 60°C)
- maximum element temperature: 250°F (121°C)

## Electrical Ratings

Motor Ratings VAC	120	208	240
AC Full Load A	16.0	9.2	8.0
AC Locked Rotor A	96.0	55.2	48.0
Non-Inductive or Resistance Load A (Not Lamp Loads)	16.0	9.2	8.0
Pilot Duty – 125 VA, 24 to 277 VAC			