



A19 Series Coiled Bulb Space Thermostat Catalog Page

Description

The A19 Series Thermostat is a wide range temperature control with air coil sensing element.

Refer to the *A19 Series Utility Thermostats for Farm, Industrial, and Commercial Use Product Bulletin (LIT-125030)* for important product application information.

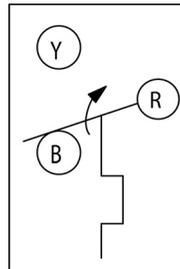
Features

- wide temperature range
- NEMA 1 enclosure

Applications

Use for return air or space temperature sensing.

A19 Series



Action on Increase of Temperature

a19.eps

A19 Series Terminal Arrangement for SPDT



A19BAC Thermostat

Selection Charts

A19 Series Coiled Bulb Space Thermostat

Product Code Number	Switch Action	Range °F (°C)	Differential F° (C°)	Bulb and Capillary	Range Adjuster	Maximum Bulb Temp °F (°C)
Ventilating, Heating						
A19BAB-3C	Single-Pole, Single-Throw (SPST), open high	35 to 95 (0 to 35)	3 (1.7) fixed	1-3/8 in. x 2-1/4 in. coiled	Knob	140 (60)
A19BAC-1C	Single-Pole, Double-Throw (SPDT)	30 to 110 (-1 to 43)	3-1/2 (1.9) fixed	1-3/8 in. x 2-1/4 in. coiled	Convertible	
A19BAF-1C	SPDT	30 to 110 (-1 to 43)	1-1/2 (0.9) fixed	1-3/8 in. x 2-1/4 in. coiled	Knob	
Cooling						
A19BBC-2C ¹	SPDT	-30 to 100 (-34 to 38)	3 to 12 (1.7 to 7)	1-3/8 in. x 2-1/4 in. coiled	Convertible	140 (60)

1. Replaces White-Rodgers® 201-16, -8, 2A37-1; Ranco® 010-1418, -1802, 016-594, C30-C1101; Honeywell® T631A, T696A, T6054 A1005.

Replacement Parts

Product Code Number	Description
CVR28A-617R	Concealed adjustment cover
CVR28A-618R	Visible scale cover
KNB20A-602R	Knob kit

Technical Specifications

Electrical Ratings

Motor Ratings VAC	120	208	240
A19BAB, A19BAC			
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 ¹ (Not Lamp Loads)	22 A, 120 to 277 VAC		
Pilot Duty	125 VA, 24 to 600 VAC		
A19BAF			
AC Full Load A	6.0	3.4	3.0
AC Locked Rotor A	36.0	20.4	18.0
Non-Inductive or Resistance Load A (Not Lamp Loads)	10 A, 120 to 277 VAC		
Pilot Duty	125 VA, 24 to 277 VAC		
Cooling - A19BBC			
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 ¹ (Not Lamp Loads)	22 A, 120 to 277 VAC		
Pilot Duty	125 VA, 24 to 600 VAC		

1. SPST and only one side of SPDT control; SPDT - 16 A 120 to 277 VAC