

A19 Series

Coiled Bulb Space Thermostat

Description

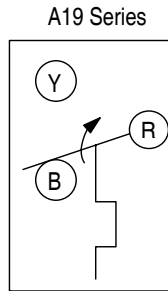
Wide range temperature control with air coil sensing element.

Features

- wide temperature range
- NEMA 1 enclosure

Applications

Use for return air or space temperature sensing.



Action on Increase of Temperature

a19.eps

A19 Series Terminal Arrangement for SPDT



A19BAC

Selection Charts

A19 Series Coiled Bulb Space Thermostat

Code Number	Switch Action	Range °F (°C)	Diff °F (°C)	Bulb and Capillary	Range Adjuster	Max. Bulb Temp °F (°C)
VENTILATING, HEATING						
A19BAB-3C	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	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

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 amps 120 to 277 VAC