



A19 Series Coiled Bulb Space Thermostat Catalog Page

LIT-1927050

2020-04-22

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.

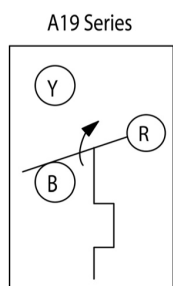
Features

- Wide temperature range
- NEMA 1 enclosure

Applications

Use for return air or space temperature sensing.

Figure 1: A19 Series Terminal Arrangement for SPDT



Action on Increase
of Temperature

a19.eps



A19BAB, A19BAC, A19BAF, A19BBC

Selection Charts

Table 1: 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.

Table 2: Replacement Parts

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

A19 Series Coiled Bulb Space Thermostat technical specifications

Table 3: 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 (Not Lamp Loads) ¹	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 (Not Lamp Loads) ¹	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

Product warranty

This product is covered by a limited warranty, details of which can be found at www.johnsoncontrols.com/buildingswarranty.

Single point of contact

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