

A19 Series

Coiled Bulb Space Thermostat

Description

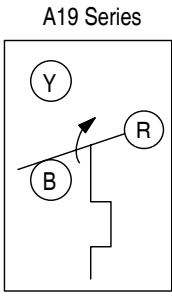
Wide range temperature control with air coil sensing element.

Features

- wide temperature range
- NEMA 1 enclosure

Applications

Use for return air or space temperature sensing.



Action on Increase of Temperature



A19BAC

A19 Series Terminal Arrangement for SPDT

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