

A19 Agricultural/Industrial Thermostat with NEMA 4X Enclosure

Description

The A19PRC is a single-stage temperature control designed for heating and ventilation applications. It features a raintight enclosure for use in agricultural and industrial applications that require compliance with Article 547 of the National Electrical Code. The A19PRC Thermostat has a rugged thermoplastic enclosure that meets NEMA 4X specifications.

Refer to the *A19 Series Hot Water Heating Controls Well Immersion Product Bulletin (LIT-125025)* for important product application information.

Features

- an O-ring sealed setpoint adjustment knob
- exposed portion of the liquid filled sensing elements are plated and plastic coated to resist damage in corrosive atmospheres

Applications

Typical applications include controlling ventilation or heating equipment in animal confinement or industrial buildings.

Repair Information

If the A19 Agricultural/Industrial Thermostat with NEMA 4X Enclosure fails to operate within its specifications, replace the unit. For a replacement thermostat, contact the nearest Johnson Controls® representative.

Technical Specifications

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) ¹	22 A, 120/277 VAC		
Pilot Duty	125 VA, 24 to 600 VAC		

1. Single-pole, single-throw (SPST) and only one side of single-pole, double-throw (SPDT) control; SPDT - 16 A, 120 to 277 VAC



A19PRC Thermostat

Selection Chart

Product Code Number	Switch Action	Range °F (°C)	Differential F° (C°)	Bulb and Capillary	Range Adjuster
A19PRC-1C	SPDT	30 to 110 (1 to 43)	3 to 12 (1.7 to 6.7)	1-3/8 in. x 2 -1/4 in. Coiled	Knob