



Room Sensor ARS3



Laboratories, Life Sciences, Healthcare

- Wall Mounted Room Temperature Sensor
- Uses a Precision Digital TEMP/RH Sensor
- High Reliability and Long Term Stability
- Used with Accutrol AVR Series AccuValve®

ARS3 Provides

- Flush-mount Design
- 304 Stainless Steel Plate
- Suitable for Wash-down Applications
- Power and signal connections provided by factory cable to AVR AccuValve

The Accutrol ARS3 is a wall-mounted air temperature and humidity sensor that is designed to be used exclusively with the AVR AccuValve® airflow and temperature control system for applications that have flush-mount and/or wash-down requirements. The ARS3 provides room temperature and humidity measurement as feedback to the AVR controller. The ARS3 connects directly to the AVR AccuValve's device port using a factory cable providing a simple connection for power and signal.

Specifications

SENSOR

Type Precision digital TEMP/RH sensor

ELECTRICAL

Port RJ-45
Provides power and signal connections with the AVR AccuValve using factory-supplied cable only.

MOUNTING

Wall-mount with gasket over single gang electrical box (mounting screws with o-ring seals provided)

MATERIALS

Mounting Plate 304SS

TEMPERATURE MEASUREMENT

Range 32° to 132° F (0° to 56° C)
Resolution 0.02° F (0.01° C)
Accuracy ±0.5° F (±0.28° C) typical

RELATIVE HUMIDITY MEASUREMENT

Range 0 to 100% RH
Resolution 0.02° RH
Accuracy ±2% typical

ENVIRONMENTAL

Operating Temperature 32° to 132° F (0° to 56° C)
Storage Temperature -40° F to +165° F (-40° C to 74° C)

**ARS2 Room Sensor
Ordering Guide**

ARS 3

Sensor Type

3 = Room Temperature and Relative Humidity

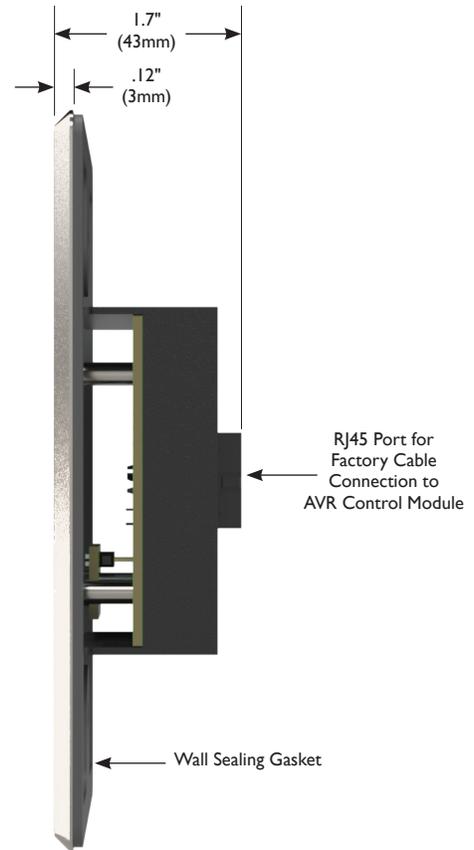
Cable Length

- 1 = 25' Cable
- 2 = 50' Cable
- 3 = 75' Cable
- 4 = 100' Cable

Installation

Designed to be mounted to a single gang box. See submittal for details.

Dimensions and Features



Your representative is: