

Heat-only thermostats with touchscreen

Project information

| | |
|--------------------------------|-----------------|
| Job name: | Location: |
| Engineer: | Date submitted: |
| Contractor: | Submitted by: |
| Manufacturer's representative: | Approved by: |

Technical data

Prop 65 label required? Yes

Product information and application use

The Uponor Heat-only Thermostat with Touchscreen (A3100101) is a simple, non-programmable thermostat designed to sense room air temperature using operative temperature and/or floor temperature via an optional floor sensor (A9010599).



| Part name | Part no. | A [inch] | B [inch] | C [inch] | Current draw max. [A] | Operating voltage AC [VAC] | Output rating at 24VAC [A] | Ambient humidity non-condensing max [%] |
|---------------------------------------|----------|----------|----------|----------|-----------------------|----------------------------|----------------------------|---|
| Heat-only Thermostat with Touchscreen | A3100101 | 5.394 | 3.227 | 0.801 | 0.042 | 24 | 1.3 | 90 |
| Slab Sensor, 10k | A9010599 | - | - | - | - | - | - | - |

Installation

Install the thermostat on an interior wall of the desired zone approximately 5 feet above the floor. Do not mount the thermostat on a location that may be affected by localized heat sources or cold drafts. It may be necessary to install a draft barrier behind the thermostat to prevent air from blowing through the wiring hole which can affect the thermostat's built-in sensor. Refer to the Uponor Heat-only Thermostat with Touchscreen Installation and Operation Manual for more information.

Related applications

Radiant heating systems

Notes

Floor sensor:
10K, J-curve thermistor

Ambient conditions:
10% to 90% humidity (non-condensing)
Sensor type: 10k J-curve
Tolerance: +/- 1% at 77°F (25°C)
Wire type: 22 gauge
IP68 continuous immersion 3m /10 ft

Footnotes

Contact information

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