

# 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] | Weight per UOM [lbs/UOM] |
|---------------------------------------|----------|----------|----------|----------|-----------------------|----------------------------|----------------------------|--------------------------|
| Heat-only Thermostat with Touchscreen | A3100101 | 5.394    | 3.227    | 0.801    | 0.042                 | 24                         | 1.3                        | 0.24                     |
| Slab Sensor, 10k                      | A9010599 | -        | -        | -        | -                     | -                          | -                          | 0.3                      |

## 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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