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

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Contact information

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