SetPoint 521 programmable thermostats

Project information

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

Technical data

Subcomponent Material	Enclosure: 316 stainless steel, 10 (3m) 24 AWG, 300-volt, PVC-insulated zipcord
Prop 65 label required?	Yes

Product information and application use

The SetPoint 521, Programmable Thermostat with Floor Sensor is designed to provide three different modes of operation: single-stage heating, two stages of heating with a fan, or one stage of heating and one stage of cooling with a fan. Auxiliary sensors may be added to measure floor, outdoor or room temperature. Uponor Floor Sensor (A3040079) is included to measure floor temperature to protect the floor from overheating and enhance comfort. Programmable schedules support either a 7-day or 24-hour schedule with two or four events per day.



	Part name	Part no.	Current draw max. [A]	Operating voltage [V]	Operating voltage AC [VAC]	Ambient humidity non-condensing max [%]
	SetPoint 521, Programmable Thermostat with floor sensor	A3040521	0.08	30	24	90
✔	Floor Sensor, replacement part	A3040079	0.08	30	24	-

Part name	Part no.	Codes	Standards	Listings
SetPoint 521 programmable thermostats	All	-	-	Thermostat: Meets Class B: ICES and FCC Part 15, CE Floor Sensor: CSA C US

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 SetPoint 521 Programmable Thermostat with Floor Sensor Installation and Operation Manual for more information.

Related applications

Radiant Heating and Cooling Systems

Notes

Floor Sensor (A3040079):
NTC thermistor, 10 k at 77°F (25°C ±0.2°C)

Footnotes

-

Contact information

Uponor Inc.
5925 148th Street West
Apple Valley, MN 55124
T 800.321.4739
F 952.891.2008

Uponor Ltd.
6510 Kennedy Road
Mississauga, ON L5T 2X4
T 888.594.7726
F 800.638.9517

© 2026 Uponor North America. All Rights Reserved