

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] |
|---|----------|-----------------------|-----------------------|----------------------------|
| SetPoint 521, Programmable Thermostat with floor sensor | A3040521 | 0.08 | 30 | 24 |
| 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 |

InstallationRelated applications

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.

Radiant Heating and Cooling Systems

Notes

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

| Footnotes | Contact information |
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| - | 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 |