

SetPoint 521, Programmable Thermostat with Floor Sensor

Submittal Information
Revision A: Jan. 15, 2016

Project Information

Job Name:

Location:

Part No. Ordered:

Engineer:

Date Submitted:

Contractor:

Submitted By:

Manufacturer's Representative:

Approved By:

Technical Data

Control:	Microprocessor control
Ambient conditions:	Indoor Use Only, 32°F (0°C) to 122°F (50°C) ≤90% RH non-condensing
Power supply:	10 to 30V (ac/dc), 50/60 Hz, 1.8 VA, Class II
Relay:	30V (ac/dc), 2 A, Class II circuits
Floor Sensor (A3040079):	NTC thermistor, 10 kΩ at 77°F (25°C ±0.2°C)
Enclosure:	316 stainless steel, 10' (3m) 24 AWG, 300-volt, PVC-insulated zipcord
Operating range:	-58°F to 221°F (-50°C to 105°C)



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.

✓ Description	Part Number	Length	Width	Depth	Weight
Setpoint 521, Programmable Thermostat with Floor Sensor	A3040521	3.0"	3.6875"	0.9375"	0.60 lbs.
Floor Sensor, replacement part	A3040079	1.5"	0.1875"	n/a	0.10 lbs.

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.

Accessories

Cover Plate for SetPoint 521 Thermostat (A3040012)

Standards

N/A

Codes

N/A

Listings/Approvals

Thermostat: Meets Class B: ICES and FCC Part 15, CE
Floor Sensor: CSA C US

Related Applications

Radiant Heating and Cooling Systems

Contact Information

Uponor, Inc.
5925 148th Street West
Apple Valley, MN 55124 USA
Phone: 800.321.4739
Fax: 952.891.2008
www.uponorpro.com

Uponor Ltd.
2000 Argentia Road, Plaza 1, Suite 200
Mississauga, ON L5N 1W1 CANADA
Phone: 888.994.7726
Fax: 800.638.9517
www.uponorpro.com