

SetPoint 501/501s Single-stage Setpoint Controller

Submittal Information

Revision B: July 22, 2010

Project Information

Job Name:

Location:

Part No. Ordered:

Engineer:

Date Submitted:

Contractor:

Submitted By:

Manufacturer's Representative:

Approved By:

Technical Data

Control:	Microprocessor PI control
Ambient Conditions:	Indoor use only, 32°F to 122°F (0°C to 50°C) < 90% RH non-condensing
Power Supply for SetPoint 501 Controller:	24V ±10%, 60 Hz, 1VA
Power Supply for SetPoint 501s Controller:	24V ±10%, 60 Hz, 1.5VA
Relays:	24VAC at 2 amps, latching
Floor Sensor (if applicable):	2 NTC thermistor, 10Ω at 77°F (25°C)



Product Information and Application Use

The Uponor SetPoint 501 is a single-stage, non-programmable setpoint controller designed to sense air temperature only. This control is not backlit.

The SetPoint 501s is a single-stage, non-programmable setpoint controller designed to sense air, floor or both temperatures with the ability to select one or the other as the primary sensing point (floor sensor included).

✓ Description	Part Number	Height	Width	Depth	Weight
SetPoint 501, Single-stage SetPoint Controller	A3040501	2.875"	2.875"	0.8125"	0.22 lbs.
SetPoint 501s, Single-stage SetPoint Controller with floor sensor	A3041501	2.875"	2.875"	0.8125"	0.32 lbs.

Installation

Install controller on an interior wall of the desired zone approximately five feet above the floor. Do not mount in a location that may be affected by localized heat sources or cold drafts. It may be necessary to install a draft barrier behind the controller to prevent air from blowing through the wiring hole that can affect the built-in sensor of the controller. Refer to SetPoint 501/501s Installation and Operation Manual for more information.

Accessories and Replacement Parts

A3040007: Cover Plate for 500 Series Controllers; A3040079: Floor Sensor, replacement part

Standards

N/A

Codes

N/A

Listings

N/A

Related Applications

Radiant Heating and Cooling Systems
Snow and Ice Melting Systems
Permafrost Protection Systems
Turf Conditioning Systems

Contact Information

Uponor, Inc.
5925 148th Street West
Apple Valley, MN 55124 USA
Phone: (800) 321-4739
Fax: (952) 891-2008
www.uponor-usa.com

Uponor Ltd.
2000 Argentia Rd., Plaza 1, Ste. 200
Mississauga, ON L5N 1W1 CANADA
Phone: (888) 994-7726
Fax: (800) 638-9517
www.uponor.ca