Radiant Thermostat # 5110519
One Stage, non-programmable Air/Floor with Sensor

The Radiant Thermostat 5110519 accurately controls the room and/or floor temperature for a hydronic heating zone using Pulse Width Modulation (PWM) technology. Simple up and down buttons and a display with large type make this thermostat easy to read and use. A Slab Sensor 5110079 is included to measure floor temperature to protect the floor from overheating and enhance comfort.

Specifications:

Radiant Thermostat 519 *One Stage Heat*

Literature	519_C, 519_D, 519_Q, 519_U
Control	Microprocessor control. This is not a safety(limit) control
Packaged weight	0.6 lb. (290 g)
Dimensions	3-11/16" H x 3" W x 15/16" D (94 x 76 x 24 mm)
Enclosure	White PVC plastic, NEMA type 1
Approvals	Meets Class B: ICES & FCC Part 15
Ambient Conditions	Indoor use only, 32 to 122°F (0 to 50°C), RH ≤90% non-condensing
Power supply	10 to 30 V (ac/dc), 50/60 Hz, 1.8 VA standby, 56 VA max fully loaded, Class 2
Relay	30 V (ac/dc) 2 A, Class 2 circuits
Sensor	NTC thermistor, 10 kΩ @ 77°F (25°C□0.2°C)
—Included	Floor Sensor 5110079
—Optional	tekmar type # 070, 072, 073, 076, 077, 079, 084
Warranty	Limited 3 Year (See 519_D for full warranty)

Floor Sensor 5110079 *10' (3 m) wire*

Dimensions	3/16" OD x 1-1/2" (5 OD x 38 mm)
Enclosure	316 stainless steel, 10' (3 m) 24 AWG, 300 volt PVC insulated Zipcord
Approvals	CSA C US
Operating range	-58 to 140°F (-50 to 60°C)
Sensor	NTC thermistor, 10 kΩ @ 77°F (25°C □0.2°C)

Energy Saving Features
• Auto Heating Cycle

Additional Features
• Radiant Floor Heating • Pulse Width Modulation • Floor & Air Temperature Control • Outdoor & Floor Temperature Display • Backlight • Freeze Protection • Includes Slab Sensor 5110079

Ordering Data

MrPEX Part#	Description	Type	Unit
5110519	Radiant Thermostat Air/Floor w/ sensor	One Stage	Each
5110011	Wall Plate for #5110519 & 5110521	Spare Part	Each
5110079	Floor Sensor for #5110519 & 5110521, 10k 10ft	Spare Part	Each

Toll Free: 1-800-716-3406
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