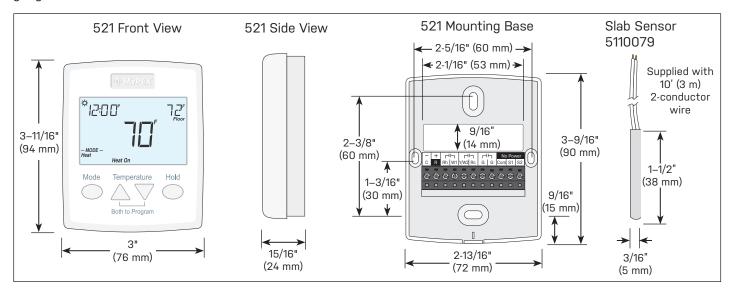
MrPEX Submittal Programmable Thermostat 521				521_C 05/17
			Zoning	New
Job	Designer	Contact		

The Programmable Thermostat 5110521 is designed for 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. Two auxiliary sensors may be added to measure the floor, outdoor or room temperature. A Slab Sensor 5110079 is included to measure floor temperature to protect the floor from overheating and enhance comfort. The programmable schedule supports either a 7 day or 24 hour schedule with 2 or 4 events per day. A permanent temperature hold button overrides the programmable schedule. An optional Adaptor Plate 5110012 is available to allow the thermostat to mount onto a single gang electrical box.



Specifications

Programmable Thermostat 5110521			
Cool (Includes Sensor 5110079)			
521_A, 521_C, 521_D, 521_Q, 521_U			
Microprocessor control. This is not a safety (limit) control			
0.6 lb. (290 g)			
3-11/16" H x 3" W x 15/16" D (94 x 76 x 24 mm)			
White PVC plastic, NEMA type 1			
Meets Class B: ICES & FCC Part 15, CE			
Indoor use only, 32 to 122°F (0 to 50°C),			
RH ≤90% non-condensing			
10 to 30 V (ac/dc), 50/60 Hz, 1.8 VA, Class 2			
30 V (ac/dc) 2 A, Class 2 circuits			
NTC thermistor, 10 k Ω @ 77°F (25°C ±0.2°C) β =3892			
Slab Sensor 5110079			
tekmar type # 070, 072, 073, 076, 077, 079, 084			
Limited 3 Year (See 521_D for full warranty)			

Slab Sensor 5110079v 10' (3 m) wire		
Dimensions	3/16" OD x 1-1/2" (5 mm 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 221°F (-50 to 105°C)	
Sensor	NTC thermistor, 10 kΩ @ 77°F (25°C ±0.2°C) β=3892	

Energy Saving Features -

• 7 Day Programmable Schedule

Additional Features -

- Optimum Start
- Permanent Temperature Hold
- Radiant Floor Heating
- Two Stage Heating
- Cooling
- Fan
- Backlight
- Outdoor and Floor Temperature Display
- Time Clock
- Four Hour Battery-free Clock Backup

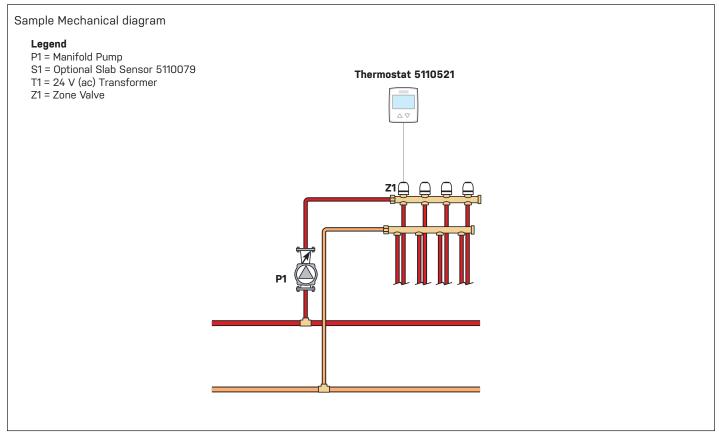






Sample Application Drawing

Below is a sample application drawing for this product. This application may include other products that are required for installation.



Sample Electrical diagram

