

Feature rich programmable/non-programmable all-in-one thermostat

5/2-day

Programmable • Non-Programmable

Product Highlights

- ✓ All In-One Programmable / Non-Programmable
- ✓ Universal heat pump & conventional heat / cool
- ✓ Dual power
- ✓ 3 year warranty
- ✓ Adjustable 2nd stage heat offset



Product Features

- Easy installation
- Program 5/2-day or non-programmable
- Easy-view back light
- Optional wall plate model #WP567
- User option: 2 or 4 periods per day
- Keypad lock for unauthorized use
- Temporary override and manual hold
- Dual powered (2AA) Alkaline Batteries (included)
- Temporary compressor protection bypass
- 5/2 minute selectable time delay for equipment protection
- User temperature calibration
- Display option: fahrenheit or celsius temperature
- Adjustable heating and cooling limits
- Speed Slide® for easy programming
- Air filter monitor
- Selectable smart recovery
- AM/PM clock or military time option
- Adjustable temperature differential/swing

Installation

Compatible With

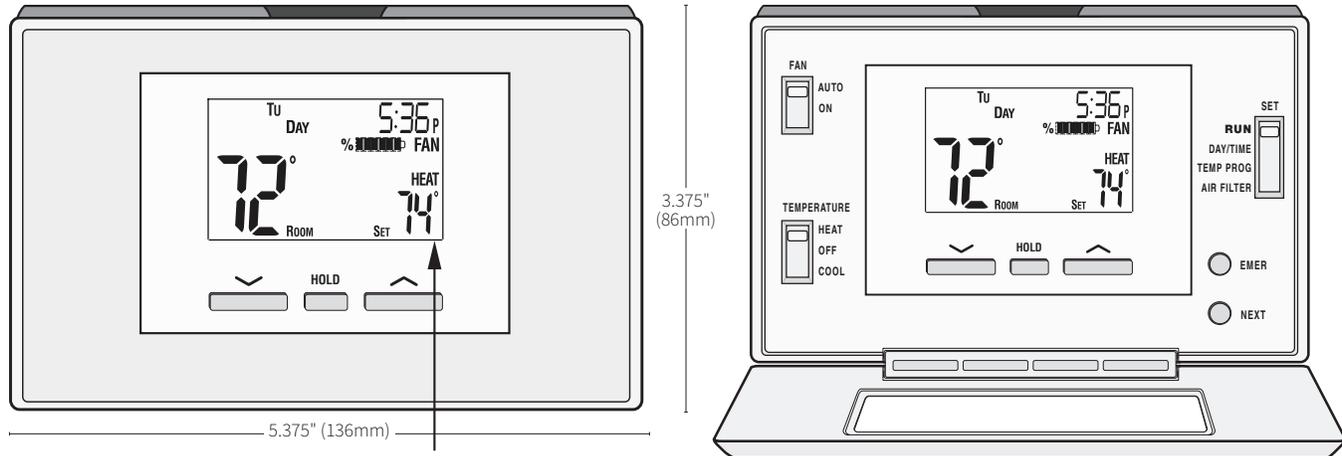
- Universal compatibility for conventional heat & A/C
- Universal compatibility for heat pumps with up to 2-stage heat/1 stage cool (including AUX/EMERG heat)
- 2 and 3-wire hydronic systems (hot water baseboard & radiator)
- Gas Millivolt heaters (wall heaters / furnace & gas fireplaces)

Not Compatible With

- Line voltage systems (120/240 VAC)

SPECIFICATIONS

MODEL# **P521U**



Easy to read LCD provides time, temperature and program information at a glance.

Dimensions	5.375" (136mm) wide x 3.375" (86mm) tall x 1.125" (28mm) deep
Heat/Cool Terminals	O, B, G, Y, RC, RH, W1, A, W2, C (solid pins for 24v and Millivolt systems)
Electrical Ratings	1.5 Amps per terminal at 24 volts
Temperature Control Range	<ul style="list-style-type: none"> ▪ Temp control 45°F to 90°F (7°C to 32°C) ▪ Display range: 23°F to 99°F (-5°C to 37°C) ▪ Temperature Differential: adjustable from ±0.25°F to ±2.25°F <i>Accuracy ±1°F over a range of 45°F to 90°F.</i>
Environmental Limits	<ul style="list-style-type: none"> ▪ Moisture and Dust: meets IP20 ▪ Operating Humidity: 20% to 90% (non-condensating) ▪ Operating temperature: 14°F to 122°F (-10°C to 50°C) ▪ Storage temperature: -4°F to 140°F (-20°C to 60°C) ▪ Electrical Immunity: meets relevant EMI/EMC specifications
Compatible With	<ul style="list-style-type: none"> ▪ Universal compatibility for conventional heat & A/C ▪ Universal compatibility for heat pumps with up to 2-stage heat/1 stage cool (including AUX/EMERG heat) ▪ 2 and 3-wire hydronic systems (hot water baseboard & radiator) ▪ Gas Millivolt heaters (wall heaters / furnace & gas fireplaces)
Not Compatible With	<ul style="list-style-type: none"> ▪ Line voltage systems (120/240 VAC)
Packaging	<ul style="list-style-type: none"> ▪ Master Carton: 10 units ▪ UPC: 0 21079 125210

Project Name _____

Date _____

Contractor / Engineer _____

Location _____