



PSP511C



PSP511LC



ELECTRIC
HEAT/COOL



24 VOLT/
MILLIVOLT



GAS HEAT



OIL HEAT



SINGLE STAGE
HEAT PUMP

PSP511C and PSP511LC

5-2 Day Deluxe Programmable Thermostats

Profile: Easy to use programmable thermostat (separate weekday and weekend) for heating and cooling systems.

Compatibility:

- Most 24V Heating and A/C Systems
- 1 Stage Heat / 1 Stage Cool: Gas, Oil, Electric, or Single Stage Heat Pump Systems
- 2 Wire Heat Only Hydronic Systems (Hot Water Baseboard & Radiator)
- 2 Wire Hydronic Air Handlers

Features:

- Exclusive Lux Speed Dial® - Makes Reprogramming Easy
- 5-2 Programming
- Separate Weekday and Weekend Programming
- 4 Periods Per Day
- Separate Programs for Heating and Cooling
- Keyboard Lockout
- Large, Easy-to-Read, Liquid Crystal Display
- Luxlight® EL (Electro Luminescent) Display
- Manual Hold
- Soft Touch Buttons
- 5 Minute Compressor Delay
- User Temperature Calibration
- Temporary Temperature Override
- F / C Temperature Display
- 12 / 24 Hour Clock
- System or Battery Powered (batteries included)
- Battery Free Memory Storage
- On Screen Low Battery Indicator
- Programmable Filter Timer with Filter Change Indicator
- O and B Terminals
- 3-Year Warranty

PSPH521L

5-2 Day Deluxe Programmable Heat Pump Thermostat

Profile: Easy to use programmable thermostat (separate weekday and weekend) for 1 or 2 stage heating and 1 stage cooling heat pump systems.

Compatibility:

- Up to 2 Stage Heat / 1 Stage Cool: Heat Pump Systems
- Will Operate Aux. and Emerg. Heat

Features:

- Exclusive Lux Speed Dial® - Makes Reprogramming Easy
- 5-2 Programming
- Separate Weekday and Weekend Programming
- 4 Periods Per Day
- Program Lock
- Large, Easy-to-Read Display
- Luxlight® EL (Electro Luminescent) Display (PSP511LC only)
- 4 Minute Compressor Delay
- Temporary Temperature Override
- Manual Hold
- System or Battery Powered (batteries included)
- System Cycle Adjustment
- F / C Temperature Display
- 12 / 24 Hour Clock
- O and B Terminals
- 3-Year Warranty

PSPH521L



SINGLE AND
MULTI-STAGE
HEAT PUMP



Pro-Fit Series

Deluxe Programmable

System Specifications & Operational Features

	PSP72ZE	PSD12ZE	PSPA711	PSPA722	PSPHA732	PSP711TS	PSPU721T	PSPU732T	PSP721U	PSP611	PSP511LC	PSP511C	PSPH521L
Orientation - Horizontal (H), Vertical (V)	H	H	H	H	H	H	H	H	H	H	H	H	H
Either Vertical or Horizontal Orientation													
Shape - Square (S), Round (R)													
Gas, Oil (Furnace or Boiler)	X	X	X	X		X	X	X	X	X	X	X	
Electric Forced Air Furnace	X	X	X	X		X	X	X	X	X	X	X	
Multi-Stage Heat Pump	X	X			X		X	X	X				X
Single-Stage Heat Pump	X	X	X	X	X	X	X	X	X	X	X	X	X
Gas / Electric Fan Option	X	X	X	X		X	X	X	X	X	X	X	
Millivolt Systems	X	X	X	X		X			X	X	X	X	
Window A/C and Space Heater Control													
1 Cool-only	X	X	X	X		X	X	X	X	X	X	X	
1 Heat-only	X	X	X	X		X	X	X	X	X	X	X	
1 Heat / 1 Cool	X	X	X	X	X	X	X	X	X	X	X	X	X
2 Heat / 1 Cool	X	X		X	X	X	X	X	X				X
2 Heat / 2 Cool	X	X		X	X								
3 Heat / 2 Cool	X	X			X			X					
Switch Type - Mercury (M), Snap Action (SA)													
Relay Outputs	X	X	X	X	X	X	X	X	X	X	X	X	X
O & B Terminals	X	X	X	X	X	X	X	X	X	X	X	X	X
Auxiliary Heat Indicator	X	X		X	X		X	X	X				X
Emergency Heat Indicator	X	X			X		X	X	X				X
Heat Pump Lockout							X	X					
7 Day Programming	X		X	X	X	X	X	X	X				
5-1-1 Day Programming										X			
5-2 Day Programming											X	X	X
Special Program Feature										X			
Title 24 - Residential (R), Commercial (C)	R		R	R	R	R	R	R	R	R	R	R	R
System or Battery Powered / Backup	X	X	X	X	X	X			X	X	X	X	X
Battery Powered Only													
System Powered Only							X	X					
Battery Backup													
Line Voltage 120 / 240 VAC													
Line Voltage 120 VAC													

Comfort & Convenience Features

Auto- Changeover	X	X	X	X	X		X	X					
Preprogrammed	X		X	X	X	X	X	X	X	X	X	X	X
Speed Dial® Reprogramming	X		X	X	X				X	X	X	X	X
Touch Screen Reprogramming						X	X	X					
Dedicated LCD Display	X	X	X	X	X	X	X	X	X	X	X	X	X
Large Full Dot Matrix Display							X	X					
Large Hybrid Dot Matrix Display	X	X				X							
Luxlight® EL (Electro Luminescent) Display	X	X	X	X	X	X			X	X	X		X
LED Lighted Display							X	X					
°F / °C Selectable	X	X	X	X	X	X	X	X	X	X	X	X	X
12 / 24 Hour Clock	X		X	X	X	X	X	X	X	X	X	X	X
Adjustable Temperature Differential	X	X	X	X	X	X	X	X	X	X	X	X	X
Displays Relative Humidity								X		X			
Humidification								X					
Dehumidification								X					
Smart Recovery Selectable	X		X	X	X	X			X	X			
Programming Copy Feature	X		X	X	X	X	X	X	X				
Low Battery Indicator	X	X	X	X	X	X			X	X	X	X	X
Battery Free Memory Storage	X	X	X	X	X	X	X	X	X	X	X	X	
Energy Monitor	X		X	X	X	X	X	X					
Filter Monitor and Indicator	X		X	X	X	X	X	X	X	X	X	X	
Audible Keypad Entry Response	X	X	X	X	X	X	X	X					
Daylight Savings Time Button	X												
Manual Temperature Hold	X		X	X	X	X	X	X	X	X	X	X	X
Temporary Temperature Override	X		X	X	X	X	X	X	X	X	X	X	X
Adjustable Vacation Hold	X						X	X					
Custom Installer Message							X	X					
Optional Outdoor Wireless RF Sensor							X	X					
Maximum Heat Temperature Setting	X	X											
Minimum Cool Temperature Setting	X	X											
Programmable Fan Control	X	X	X	X	X		X	X					
Keypad Lock	X	X	X	X	X	X	X	X		X	X	X	X
Programmable Keypad Lock	X	X				X	X	X					
Progr. Heat / Cool Fan Delay on Make / Break	X	X											
Short Cycle Protection (Fixed Value)							X	X			X	X	
Short Cycle Protection (2-5 min. Selectable)	X	X	X	X	X	X				X			X
User Temperature Calibration	X	X	X	X	X	X	X	X		X	X	X	