PERFECT SENSE™
by Uni-Line®

PS5000 TOUCHSCREEN PROGRAMMABLE THERMOSTAT

E ELECTRIC **G** GAS **O** OIL **H** HEAT PUMP **M** MILLIVOLT
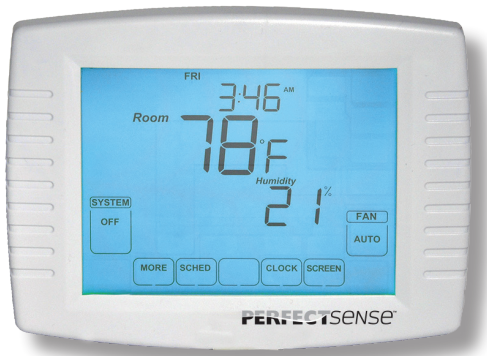
PS5000

The PerfectSense™ PS5000 Touchscreen Programmable Thermostat is a feature-rich comfort control with universal system compatibility. Easy-to-use and install, the PS5000 has a large backlit touchscreen display requested by homeowners and contractors.

This installer-friendly thermostat is designed for up to 3 heat / 2 cool systems and can be programmed for 2 or 4 events daily. In addition, it offers Wake, Day, Evening, and Sleep settings giving you precise and affordable comfort. Applications include gas, oil, millvolt, electric and heat pump as well as dual fuel units. The PS5000 is powered by 24V AC common wire or two AA batteries.

With a beautiful design, easy installation, and quality you can depend on, the PerfectSense PS5000 Touchscreen thermostat is the perfect choice in temperature control.

Features and Benefits

- 7 Day Programmable, 2 or 4 events per day
- Up to 3 Heat / 2 Cool
- Touchscreen with large backlit display
- Manual or auto changeover
- Adaptive recovery
- Indoor and outdoor sensor options
- Programmable fan option
- Filter change indicator
- 5 minute compressor delay protection
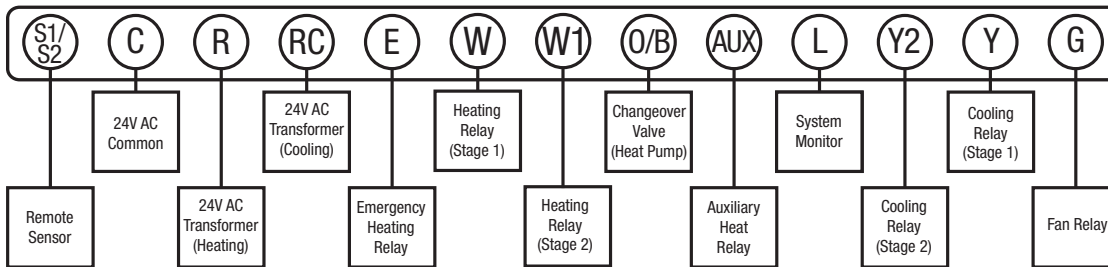- Keypad lockout
- Clock display

5 Year Limited Warranty

24V AC POWERED WITH BATTERY BACK-UP - OR - BATTERY OPERATED

Technical Specifications

Temperature Range	Heating: 40°F to 90°F (4°C to 32°C) Cooling: 50°F to 99°F (10°C to 37°C)
Operating Temperature	32°F to 120°F (0°C to 49°C)
Electrical Rating	W Heating Terminal 20 – 30V AC, 1 Amp max, 50/60 Hz
	W Heating (Power pile) 750 mV DC, 100 mAmp max, 50/60 Hz
	Y Cooling 20 – 30V AC, 1 Amp max, 50/60 Hz
	G Fan 20 – 30V AC, 1 Amp max, 50/60 Hz

Replacement Chart

PerfectSense™	PRO1®	Braeburn®	Honeywell	White-Rodgers	Robertshaw®
PS5000	T925	2200NC	TH6220D1028	1F83-0422	RS4210
PS5000	T955	2220	TH5220D1029	1F89-0211	RS5210
PS5000	T715	1220NC	TH3210D1004	1F95-0680	RS6210
PS5000	T721	1220	TH6220D1002	1F95-1280	RS3210
PS5000	T725		TH6320U1000		RS2210
PS5000	T755				9725i2
PS5000	T621-2				
PS5000	T605-2				

Terminal Designation

Terminals: S1/S2, C, R, RC, E, W, W1, O/B, AUX, L, Y2, Y, G

- S1/S2 — Remote Sensor
- C — 24V AC Common
- R — 24V AC Transformer (Heating)
- RC — 24V AC Transformer (Cooling)
- E — Emergency Heating Relay
- W — Heating Relay (Stage 1)
- W1 — Heating Relay (Stage 2)
- O/B — Changeover Valve (Heat Pump)
- AUX — Auxiliary Heat Relay
- L — System Monitor
- Y2 — Cooling Relay (Stage 2)
- Y — Cooling Relay (Stage 1)
- G — Fan Relay

UNI-LINE®