

FEATURES

- Retrofit existing pneumatic thermostats in minutes
- Delivers DDC-like functionality
- Remote monitoring of temperature
- Remote monitoring of branch pressure
- Cell/Pager alarm notification
- Remote control of setpoint
- Automatic self-calibration
- Occupancy override notification
- Programmable temperature setbacks
- No computer needed for programming for standalone thermostats
- Easy to install wireless system
- Optional BACnet/IP and iLON interface to integrate with the existing Building Automation System



Plug and play wireless pneumatic thermostat replaces existing Siemens™, Honeywell™, Johnson Controls™, Robertshaw™ etc. units in minutes

The worldwide patent pending Wireless Pneumatic Thermostat (WPT) delivers DDC-like functionality at a fraction of the time and cost without the need to change out pneumatic pipes, run wires, replace actuators or disturb tenants. Not necessary to upgrade entire building at one time; may selectively retrofit individual thermostats for incremental benefits:

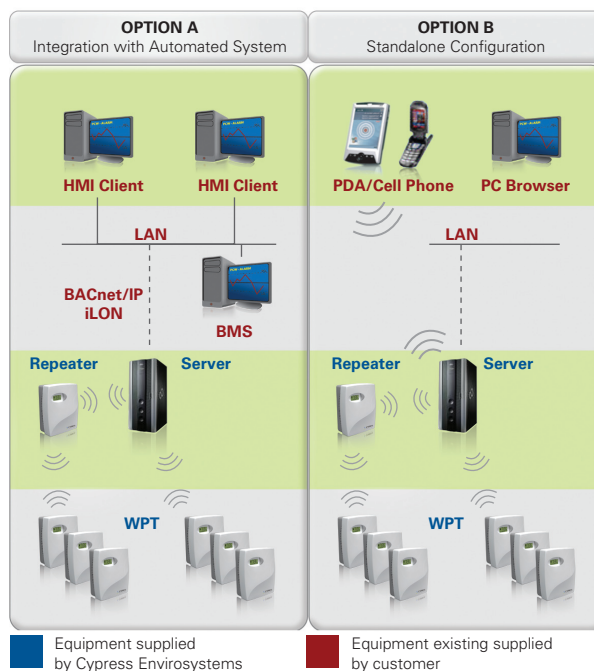
- Remote monitoring of temperature and branch pressure
- Automatic setpoint changes based on time-of-day schedule and night setback
- Automatic calibration for setpoint offsets
- Notification on occupancy override
- Early problem detection to avoid tenant/occupant complaints
- Zone control for optimal energy usage and comfort
- System can work standalone, or integrate with existing Building Automation System via BACnet/IP and iLON interface

Saves energy, improves comfort for tenants, and lowers maintenance costs of legacy pneumatic HVAC systems.

BENEFITS

- Digital zone control optimizes energy usage and comfort
- Programmable temperature setbacks saves energy
- Enables use for utility Demand Response programs
- Occupancy override logs tenant after-hour usage
- Built-in diagnostics lowers maintenance cost

WPT NETWORK



KEY PRODUCT SPECIFICATIONS

WIRELESS PNEUMATIC THERMOSTAT (WPT-100)

Action:	Direct / Reverse Acting
Number of Pipes:	Single / Dual pipe
Setpoint Temperature Range:	55°F to 90°F (13°C to 32°C)
Air connections:	Barb fittings 5/32 in. (4 mm)
Max Operating Pressure:	25 psi (170 kPa)
Airflow Usage:	0.011 scfm (5.2 mL/s)
Operating frequency band:	2.4 GHz ISM Band
Battery life:	More than 2 years (with 2 setpoint changes per day)
Operating Condition:	32°F to 122°F (0°C to 50°C); 95% RH Maximum, Noncondensing
Storage Condition:	-40°F to 122°F (-40°C to 50°C); 95% RH Maximum, Noncondensing

OUR FAMILY OF PRODUCTS:

					
WIRELESS PNEUMATIC THERMOSTAT	WIRELESS GAUGE READER (WGR-100)	WIRELESS STEAM TRAP MONITOR (WSTM-100)	WIRELESS FREEZER MONITOR (WFM-100)	WIRELESS TRANSDUCER READER (WTR-100)	BLUE BOX SERVER (BBS-100)

HEADQUARTERS

198 Champion Court
 San Jose, CA 95134
 +1 408 943 2800
www.cypressenvirosystems.com
info@cypressenvirosystems.com