



PRODUCT BULLETIN (PBN1109-03)
March 4, 2011

Products Affected: WPT-800-T2DP (revision 28 and higher)
 WPT-800-T2RP (revision 28 and higher)
 WPT-800-T1DP (revision 27 and higher)
 WPT-800-T1RP (revision 27 and higher)

NOTE: The revision number can be found on the back of all WPTs. The revision number is a single number located on a small square sticker. Additionally, the revision number is printed on the bottom of the WPT outer box label.

Product Update:

As part of our continued product improvements, we have updated the menu structure and commissioning process for the single setpoint Wireless Pneumatic Thermostats. Additionally we have introduced two new BACnet objects related to WPT occupancy state.

WPTs with the new menu structure and features are 100% compatible with older WPTs that may already be installed.

Description of Changes:

The following features have been introduced to the WPT-800-T2XX in revision 28, and the WPT-800-T1XX in revision 27. Higher revision WPTs will also contain these changes.

1. **New Password Protection Feature:** As mentioned in the updated WPT Installation manual (910-00005-01 REV 13 - section 2.2.1) By pressing the **▲ & OVR & ▼** buttons simultaneously (to set up the Network ID, Node ID, etc) the LCD will display "Pd" which means password. The following sequence of button pushes must be entered to continue: **OVR, OVR, ▲, ▼, OVR**
2. **New Calibration Procedure :** No longer is it required to adjust the setpoint equal to the ambient temperature. As mentioned in the updated WPT Installation manual (910-00005-01 REV 13 - section 2.3), simply press the **OVR & ▼** buttons simultaneously, when the LCD shows "dt" press the **OVR** button four more times until the LCD show the current branch pressure. Now press the **▲ & OVR & ▼** buttons simultaneously to enter the calibration mode and turn the set screw until the proper neutral pressure (typically 8 PSI) is achieved.



NOTE: Each battery segment on the LCD represents 0.25 PSI resolution, as shown in below. Pay special attention to this extra resolution while turning the set screw. It is critical this value precisely matches the control point for seamless operation.



3. Additional BACnet Objects

- a. **Unoccupied Setpoint Analog Output (AO)** – This new object allows the Building Management System to keep track of both occupied and unoccupied setpoints
- b. **Occupancy State Binary Output (BO)** – It is now possible to toggle the occupancy state (occupied/unoccupied) of a thermostat. For example changing the state from occupied to unoccupied will automatically send the unoccupied setpoint to the stat.

If you have questions or if there is anything we can help with, please do not hesitate to contact your system integrator or cypress support: (888) 987-3210, cys_support@cypress.com.

Figure 1 – New WPT Menu Features Highlighted in Red

