

FEATURES

- Extends the range of the Wireless Pneumatic Thermostat (WPT)
- Power the RWAL with a 24VAC power supply
- One RWAL can accommodate up to 15 WPTs
- One HUSB can accommodate up to 14 RWALs
- Remotely monitor repeater health from the WPT web application
- Universal mounting bracket allows for easy installation anywhere



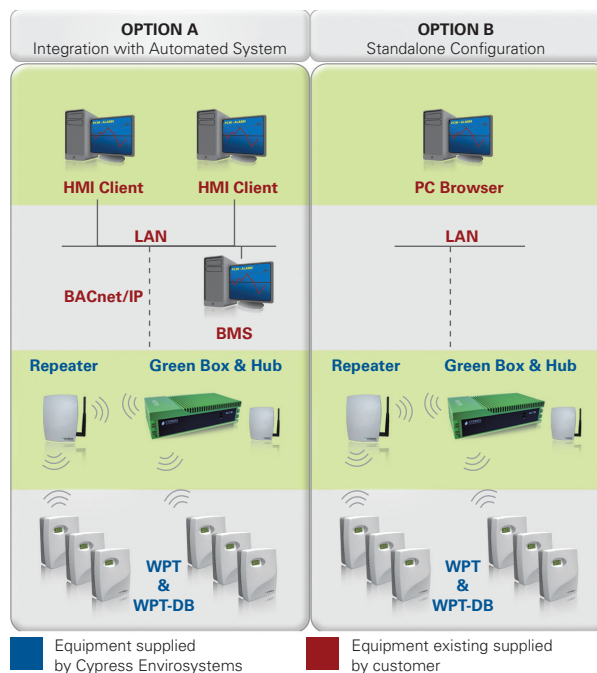
Extend the wireless signal coverage for a Cypress Envirosystems Wireless Pneumatic Thermostat (WPT) network

The Cypress Envirosystems Wireless Pneumatic Thermostat (WPT) retrofits an existing pneumatic thermostat to provide Direct Digital Control (DDC)-like zone control functionality at a fraction of the time and cost without disturbing occupants.

The WPT enables remote monitoring of zone temperature, branch pressure, remote control of setpoints, and programmable setback or setup of the pneumatic HVAC systems. It also enables integration with utility Demand Response programs.

The WPT 24VAC powered repeater (RWAL 24V) is used to extend the range or coverage of the wireless network. When the USB Hub (HUSB) is located out of radio frequency range of the WPT, multiple RWALs (wall powered or 24VAC) can be used to extend the range.

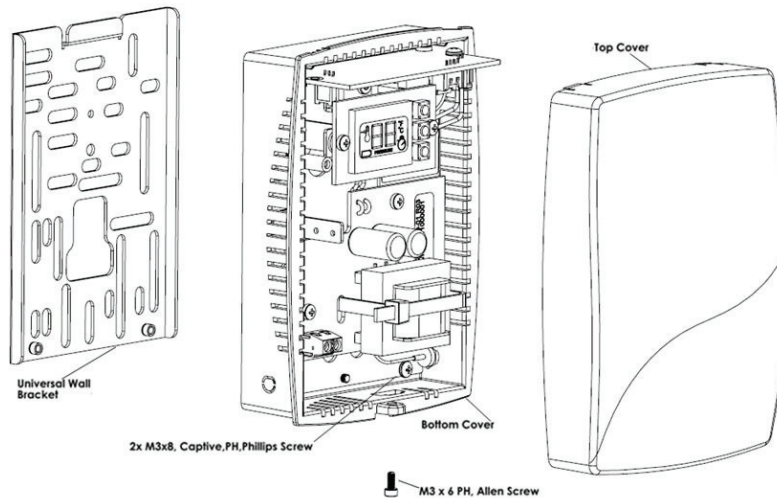
WPT SYSTEM ARCHITECTURE



KEY PRODUCT SPECIFICATIONS

Wireless 24VAC Powered Repeater (RWAL 24V)

Power Supply Requirements:	24VAC, 5VA
Antenna:	External rubber dipole, 4dBi gain, omni-directional, 2.4 to 2.5 GHz
Wiring:	Jacketed Class-2 type with a 20AWG (up to 50' to 200') 16AWG (200'+)
Weight:	448 grams (15.8 oz)
Operating frequency band:	2.4GHz ISM Band
Operating Conditions:	32°F to 122°F (0°C to 50°C); 95% RH Maximum, Noncondensing
Storage Conditions:	-40°F to 122°F (-40°C to 50°C); 95% RH Maximum, Noncondensing
Dimensions:	Length: 5.6 in (141 mm) Width (including antenna): 5.6 in (141 mm) Depth: 2.1 in (53.3 mm)



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