

## FEATURES

- Extends the range of the Wireless Pneumatic Thermostat (WPT)
- Power the RWAL with a standard 110V outlet
- 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



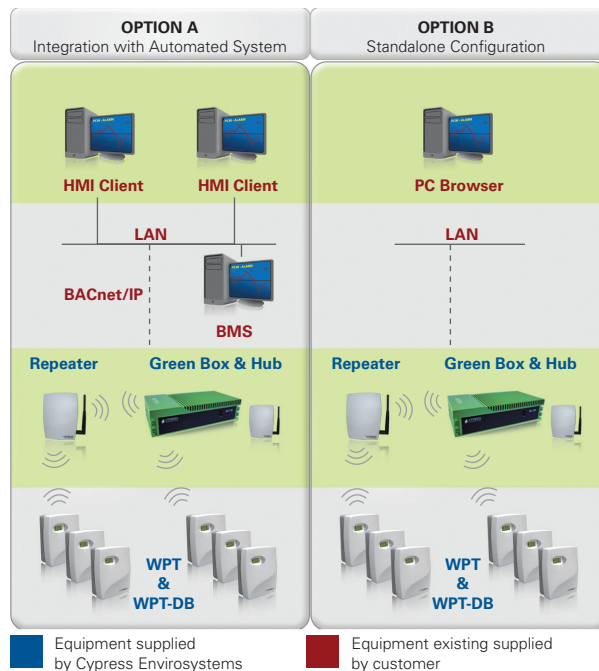
### Extend the wireless signal coverage for a Cypress Envirosystems Wireless Pneumatic Thermostat (WPT) network

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

## WPT SYSTEM ARCHITECTURE

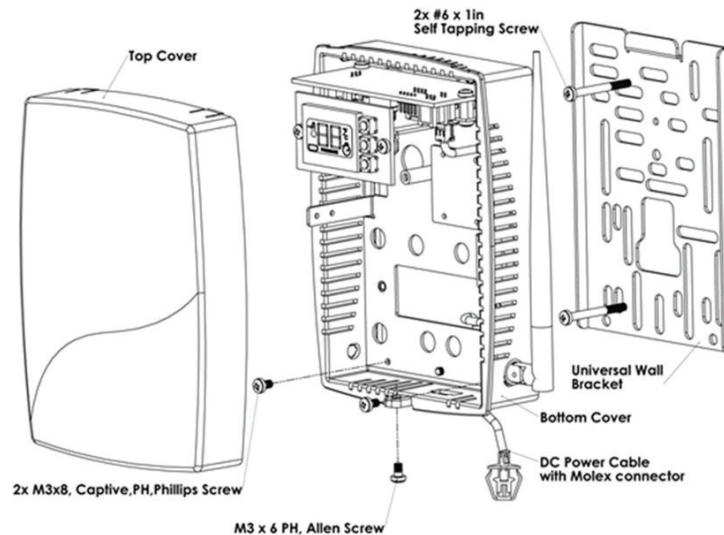




## KEY PRODUCT SPECIFICATIONS

### Wireless Wall Powered Repeater (RWAL)

<b>DC Power:</b>	3.3V DC; 3W (powered by the DC adaptor)
<b>Antenna:</b>	External rubber dipole, 4dBi gain, omni-directional, 2.4 to 2.5 GHz
<b>Operating frequency band:</b>	2.4GHz ISM Band
<b>Storage Conditions:</b>	-40°F to 122°F (-40°C to 50°C); 95% RH Maximum, Noncondensing
<b>Operating Conditions:</b>	32°F to 122°F (0°C to 50°C); 95% RH Maximum, Noncondensing
<b>Product Weight:</b>	448 grams (15.8 oz)
<b>Dimensions:</b>	Length: 5.6 in (141 mm) Width (including antenna): 5.6 in (141 mm) Depth: 2.1 in (53.3 mm)



### OUR FAMILY OF PRODUCTS:



### HEADQUARTERS

198 Champion Court  
San Jose, CA 95134  
+1 408 943 2800

[www.cypressenvirosystems.com](http://www.cypressenvirosystems.com)  
[info@cypressenvirosystems.com](mailto:info@cypressenvirosystems.com)