

# Braeburn®

# 7500

**Up to 3 Heat / 2 Cool Heat Pump  
Up to 2 Heat / 2 Cool Conventional  
Universal Wireless Thermostat Kit**



## Thermostat Features

- 7 Day, 5-2 Day or Non-Programmable
- Large 5 Sq. In. Backlit Display
- Auto or Manual Changeover
- Residential or Commercial Modes
- Battery Operated for Total Installation Flexibility
- Compatible with 2 or 3 Wire Hydronic Zone Systems
- Auxiliary Heat Fossil Fuel Option
- Programmable Fan Control
- R and C Terminals for Optional 24 Volt Operation
- Adjustable Temperature Limits
- Multi-Level Keypad Lockout
- Quick Reference Instruction Card



## Wireless Features

- Superior Wireless Performance – Over 1,000 Ft. Linear Open Air Wireless Range
- Battery Life Exceeds Virtually All Competitive Models
- Includes Supply Air Sensor for Default Temperature Control Even if Batteries are Drained
- Connect up to 4 Optional Wireless Indoor Sensors for Remote Temperature Sensing\*
- Optional Wireless Outdoor Sensing for Outdoor Temperature Display or Balance Point Control\*
- Optional Wireless Humidity Plenum Sensor for Whole-House Humidification Control\*
- Affordable Solution for Any Thermostat Application

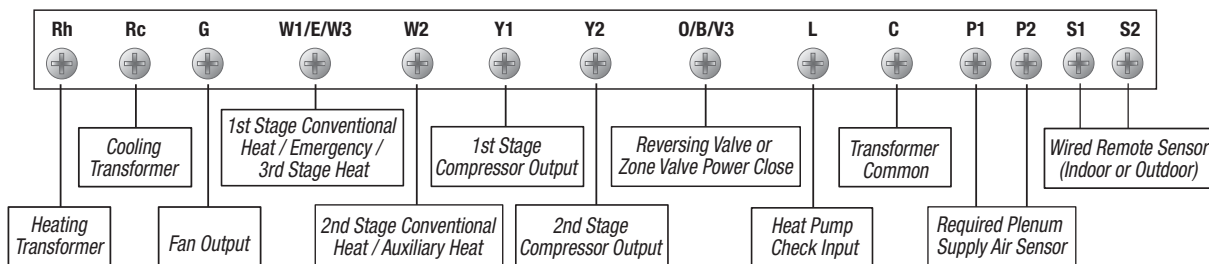
**FREE Contractor Branding! Visit [braeburnonline.com](http://braeburnonline.com)**

\*Up to 4 wireless remote sensors can be connected.

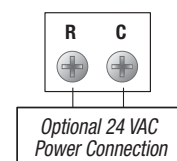
**Toll-Free 866.268.5599 (U.S.) +1.630.844.1968 (Outside the U.S.)**

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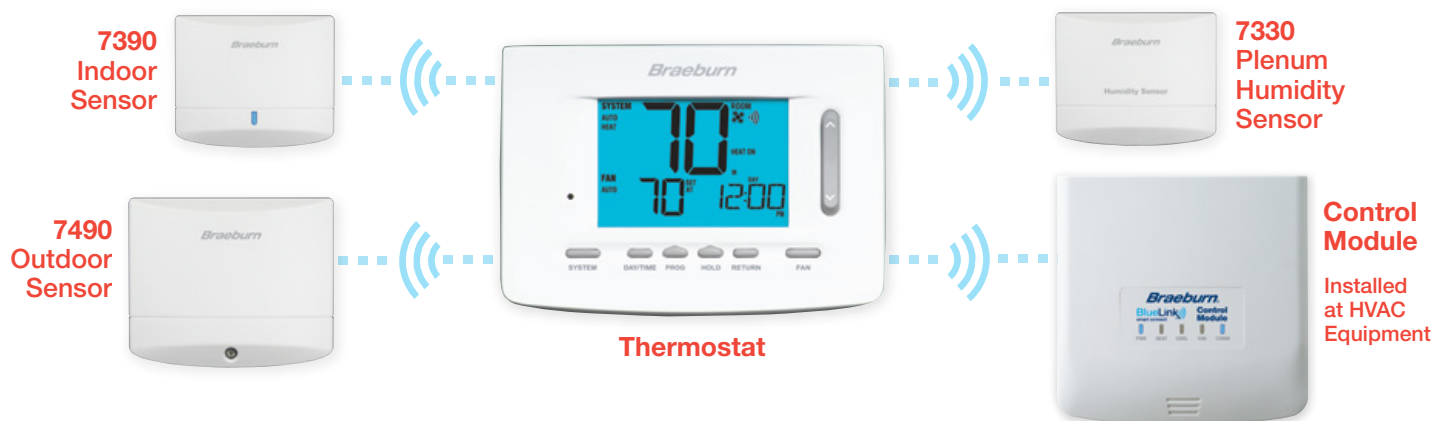
## Control Module Terminal Designations



## Thermostat Terminal Designations



## Total Installation Flexibility



Up to 4 wireless Sensors can be connected - see Installer Manual.

## Product Specifications

<b>Thermostat Dimensions:</b>	3.86" x 5.11" x 1.42"
<b>Control Module Dimensions:</b>	6.0" x 6.0" x 1.25"
<b>Electric Rating:</b>	24 Volt AC (18-30 Volt AC) 1 amp maximum load per terminal 5 amp total maximum load (all terminals)
<b>DC Power:</b>	3.0 Volts DC (2 "AA" Alkaline batteries included)
<b>Optional AC Power:</b>	18-30 Volt AC
<b>Compatibility:</b>	Heat pump systems up to 3 heat/2 cool, Conventional systems up to 2 heat/2 cool
<b>Control Range:</b>	45° to 90° F (7° to 32° C)
<b>Display Range:</b>	40° to 99° F (5° to 37° C)
<b>Accuracy:</b>	+/- 1° F (+/- .5° C)
<b>Temperature Differential:</b>	1st Stage - .5°, 1°, or 2° F (0.2°, 0.5°, or 1° C) 2nd and 3rd Stage - 1°, 2°, 3°, 4°, 5°, or 6° F (.5°, 1°, 1.5°, 2°, 2.5°, or 3° C)
<b>Storage Temperature:</b>	14° to 140° F (-10° to 60° C)
<b>Operating Humidity:</b>	5% to 95% Relative Humidity
<b>Terminations:</b>	Rh, Rc, G, W1/E/W3, W2, Y1, Y2, O/B/V3, L, C, P1, P2, S1, S2

## Shipping Information

### INDIVIDUAL CARTON

**Dimensions:** 7.0" x 9.0" x 4.0"  
**Weight:** 2.5 lbs.

### MASTER CARTON

**Quantity:** 3  
**Dimensions:** 8.0" x 16" x 6.0"  
**Cubic Feet:** .45  
**Weight:** 8 lbs.

## Braeburn 7500 Replaces

**Honeywell®** YTH5320R, YTH6320R, TH8110R\*, TH8320R\*, TH8321R\*  
**Emerson®** 1F98EZ-1621  
**Pro1®** T955W, T955WH

\*Additional control module required.

Verify specific application requirements. All trademarks are the property of their respective owners.

## Accessories

**7330** Wireless Remote Humidity Sensor  
**7390** Wireless Remote Indoor Sensor  
**7490** Wireless Remote Outdoor Sensor  
**2950** Universal Wall Plate (6.5" x 6.5" x .125")  
**5390** Wired Remote Indoor Sensor  
**5490** Wired Remote Outdoor Sensor  
**5970** Universal Thermostat Guard

## FREE Contractor Branding Available!

Visit our website ([www.braeburnonline.com](http://www.braeburnonline.com)) for more information, contact your local distributor or call our sales department toll-free at 866.268.5599 (U.S.), +1.630.844.1968 (Outside the U.S.).

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