

# Braeburn®

# 8205

**Up to 3 Heat / 2 Cool Heat Pump  
Up to 2 Heat / 2 Cool Conventional  
Smart Wi-Fi Universal Thermostat**



**BlueLink**  
smart connect

Phone not included.



**NEW!  
Ultra-Slim  
Design**

Wi Fi

**5 YEAR  
LIMITED  
WARRANTY**

## Thermostat Features

- 7 Day, 5-2 Day or Non-Programmable
- Large 4.4 sq. in. Backlit Display
- Bright Blue Backlight
- Auto or Manual Changeover
- User and Installer Lock Modes
- SmartLimit® Temperature Limits
- Auxiliary Heat Fossil Fuel Option
- Hardwire or Battery Powered
- Circulating Fan Mode
- Works without common (C) wire on most systems; requires common on Heat Pump, Heat Only or Cool Only Systems

## Application Features

- Compatible with Virtually All Smartphones, Tablets or PC's
- Multi-Color Program Groups Simplify Scheduling
- Flexible Vacation and Holiday Scheduling
- Text and E-Mail Service and Temperature Alerts
- BlueLink QuickCopy® Allows User to Duplicate Program and Configuration to Other Thermostats
- QuickEdit® Makes Schedule Changes Easy
- BlueLink SmartData® Energy Report Capability
- Monitor and Control Multiple Thermostats
- Easy Access Dealer Information
- Optional Geofencing for Increased Energy Savings



**FREE Contractor Branding  
on Removable Face Plate!**



**Compatible with Amazon Alexa**  
Amazon Alexa is a trademark of Amazon.com, Inc.

[www.braeburnonline.com](http://www.braeburnonline.com)

works with the  
**Google Assistant**

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

# Braeburn®



## BlueLink Smart Connect® Application Screens

FREE app to monitor and control multiple thermostats from virtually any Smartphone, Tablet or PC

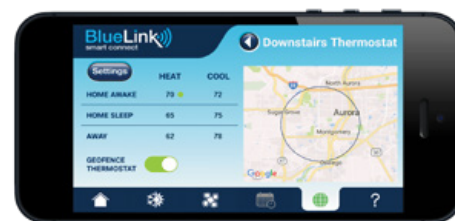
### Multi-Color Program Groups



### Vacation and Holiday Scheduling



### Geofencing



### BlueLink QuickCopy® Feature



### BlueLink SmartData® Reports

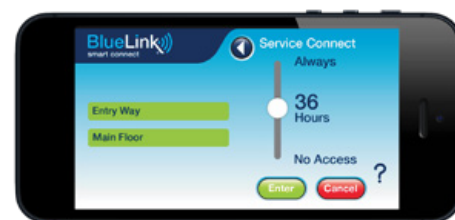
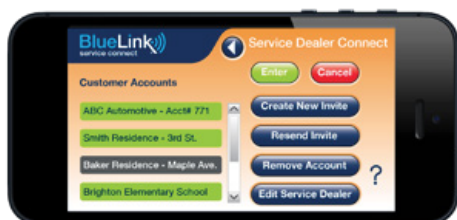


### Service and Temperature Alerts



## BlueLink Service Connect® Application Screens

FREE app for contractors, allowing them the ability to monitor and manage multiple customer thermostats



### Product Specifications

<b>Dimensions:</b>	4.25" x 5.12" x 1"
<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>AC Power:</b>	18-30 Volt AC
<b>DC Power:</b>	3.0 Volts DC (2 "AA" Alkaline batteries included)
<b>Note:</b>	Works without common (C) wire on most systems; requires common on Heat Pump, Heat Only or Cool Only Systems
<b>Compatibility:</b>	Heat pump systems up to 3 heat/2 cool, Conventional systems up to 2 heat/2 cool
<b>Wi-Fi Communication:</b>	802.11 b/g/n 2.4GHZ
<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>Terminations:</b>	Rh, Rc, W2, W1/E/W3, O/B, G, Y2, Y1, C

### Shipping Information

<b>INDIVIDUAL CARTON</b>	<b>MASTER CARTON</b>
<b>Dimensions:</b> 5.0" x 6.0" x 1.7"	<b>Quantity:</b> 3
<b>Weight:</b> 1.0 lbs.	<b>Dimensions:</b> 6.75" x 5.5" x 5.7"
	<b>Cubic Feet:</b> .13
	<b>Weight:</b> 3.25 lbs.

### Braeburn 8205 Replaces\*

<b>Honeywell®</b> TH8732WF, TH6220WF	<b>Pro1®</b> T855i, T701i, T721i
<b>Emerson®</b> 1F86U-42WF	<b>Nest®</b> T100577, T200577, T3007ES

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

### Accessories

<b>5970</b> Universal Thermostat Guard
<b>2940</b> Vertical J-Box Adapter Wall Plate (6.5" x 5.1")
<b>2950</b> Universal Wall Plate (6.5" x 6.5")

### 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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# Braeburn®

# 8500

**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 4.4 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

## Wireless Features

- Superior Wireless Range
- Battery Life Exceeds Virtually All Competitive Models
- Includes Return 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\*
- Affordable Solution for Virtually Any Thermostat Application



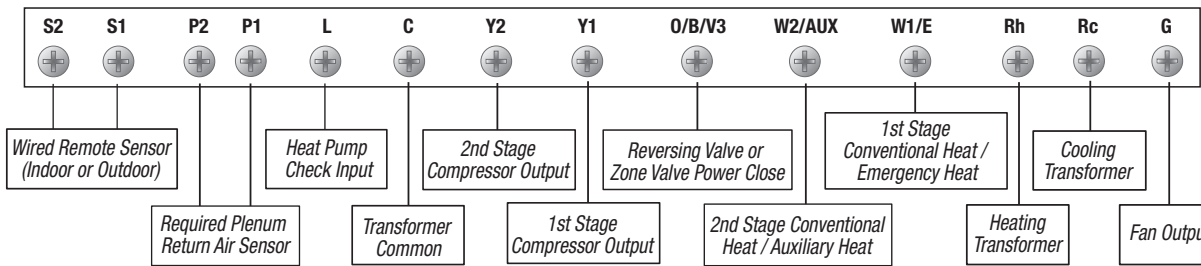
**FREE Contractor Branding!**  
Visit [braeburnonline.com](http://braeburnonline.com)

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

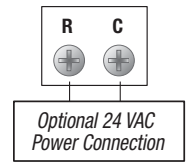
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# Braeburn®

## Control Module Terminal Designations



## Thermostat Terminal Designations



## Total Installation Flexibility



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

## Product Specifications

<b>Thermostat Dimensions:</b>	4.25" x 5.2" x 1.04"
<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>Control Module Terminations:</b>	S2, S1, P2, P1, L, C, Y2, Y1, O/B/V3, W2/AUX, W1/E, Rh, Rc, G

## Shipping Information

### INDIVIDUAL CARTON

**Dimensions:** 7.25" x 6.6" x 4.0"  
**Weight:** 1.85 lbs.

### MASTER CARTON

**Quantity:** 3  
**Dimensions:** 12.25" x 7.5" x 7.25"  
**Cubic Feet:** .39  
**Weight:** 6.1 lbs.

## Braeburn 8500 Replaces

**Honeywell®** YTH5320R, YTH6320R, TH8110R\*, TH8320R\*, TH8321R\*  
**Emerson®** 1F98EZ-1621  
**Pro1®** T751W0, T755W0

\*Additional control module required.

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

## Accessories

<b>7390</b> Wireless Remote Indoor Sensor	<b>5390</b> Wired Remote Indoor Sensor
<b>7490</b> Wireless Remote Outdoor Sensor	<b>5490</b> Wired Remote Outdoor Sensor
<b>2950</b> Universal Wall Plate (6.5" x 6.5" x .125")	<b>5970</b> Universal Thermostat Guard
<b>2940</b> Vertical J-Box Adapter Wall Plate (6.5" x 5.5")	

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