

# Braeburn®

# 2230

**2 Heat / 1 Cool Conventional**  
**2 Heat / 1 Cool Heat Pump**  
**Universal Programmable Thermostat**



ACTUAL SIZE

## Features

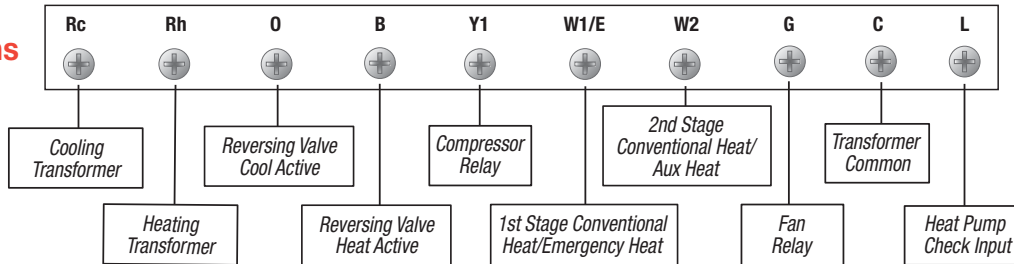
- 7 Day, 5-2 Day or Non-Programmable
- Large 4.4 Sq. In. Display
- Bright Blue Backlight
- SmartLimit® Temperature Limits
- SpeedSet® Programming Mode
- Hardwire or Battery Powered
- Installer Lock Mode
- Heat Pump Check Terminal
- Adjustable Temperature Differential
- Filter Check Monitor
- Optional Celsius Display
- Separate O and B Terminals
- Adaptive Recovery Mode (ARM™)
- Compatible with 2-Wire Hydronic Zone Systems

**ECONOMY  
SERIES**



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

## Terminal Designations



## Architectural Specifications

The universal programmable thermostat shall be a Braeburn® model number 2230, 4.25" high x 5.12" wide x 1" deep, powered with either 24 Volt AC or with two "AA" Alkaline batteries (3.0 Volt DC). In the event of a power failure, the unit shall retain all user, installer settings and program settings. The thermostat shall be compatible with low voltage single or multi-stage gas, oil, or electric heating or cooling systems, and single stage heat pumps with or without auxiliary heat. Also compatible with 250mv – 750mv millivolt heating only systems and 2 wire hydronic zone systems. The thermostat shall have a bright blue backlight display and separate sub-base. Temperature control range shall be between 45° and 90° F (7° and 32° C), accuracy of +/- 1° F (+/- .5° C) and operating humidity range between 5% and 95% relative humidity. The thermostat shall include separate installer and user setup modes, heat pump check terminal, permanent non-volatile memory to retain user settings, filter check monitor and installer lock mode.

## 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 4 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>Compatibility:</b>	Single stage gas, oil, electric or hydronic systems Single stage heat pumps with or without auxiliary heat 250mv – 750mv millivolt heating systems
<b>Control Range:</b>	45° to 90° F (7° to 32° C)
<b>Display Range:</b>	35° to 99° F (1.5° to 37° C)
<b>Accuracy:</b>	+/- 1° F (+/- .5° C)
<b>Temperature Differential:</b>	0.5°, 1°, or 2° F (0.2°, 0.5°, or 1° 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>	Rc, Rh, O, B, Y1, W1/E, W2, G, C, L

## Shipping Information

<b>INDIVIDUAL CARTON</b>	<b>MASTER CARTON</b>
<b>Dimensions:</b> 6.13" x 5.13" x 1.75"	<b>Quantity:</b> 6
<b>Weight:</b> .95 lbs.	<b>Dimensions:</b> 11" x 6.63" x 5.75"
	<b>Cubic Feet:</b> .24
	<b>Weight:</b> 6.25 lbs.

## Braeburn 2230 Replaces\*

<b>Honeywell®</b>	TH4210, TH6210
<b>Emerson®</b>	1F82-0261, 1F83H-21PR, 1F85U-22PR
<b>Pro1®</b>	T605-2, T625-2, T715, T725

\*Verify specific application requirements.  
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## Accessories

2920	Vertical J-Box Adapter Wall Plate
2950	Universal Wall Plate (6.5" x 6.5" x .125")
5970	Universal Thermostat Guard

## FREE Contractor Branding on Removable Faceplate!

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.).

Date: \_\_\_\_\_  
Job Name: \_\_\_\_\_  
Location: \_\_\_\_\_  
Contractor: \_\_\_\_\_

Engineer: \_\_\_\_\_  
Model No.: \_\_\_\_\_  
Submitted By: \_\_\_\_\_  
Submitted For Approval: \_\_\_\_\_ Record: \_\_\_\_\_