

## Model 2000 Single Stage Heat / Cool

**Builder Series**  
**5-2 Day Programmable**



### Features

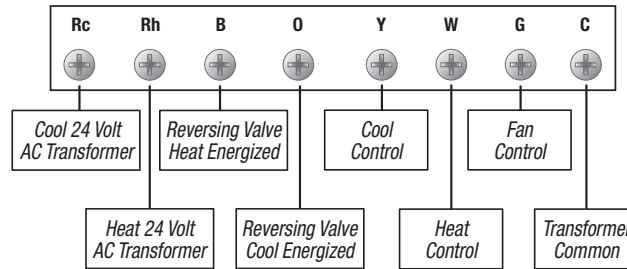
- 5-2 Day Separate Weekday / Weekend Programming
- Adjustable Temperature Limits
- Large Display with Bright Blue Backlight
- Hardwire or Battery Powered
- Non-Volatile Memory Retains User Settings
- Filter Check Monitor
- Adaptive Recovery Mode (ARM™)
- Adjustable Temperature Differential
- ESD Guard™ Electronic Circuitry
- Compressor Short Cycle Protection
- Separate Heating and Cooling Set Point Program Times and Temperatures
- Temporary Program Override for 4 Hours or Until Next Set Point
- Programmable Extended Hold Mode
- Front Access Reset Button
- F° / C° Switch
- Gas / Electric Fan Switch
- Mount to Horizontal Box
- Low Battery Indication
- Easy Access Front Battery Door
- Separate O & B Terminals
- Meets California Title 24 Guidelines

The  
brighter  
choice®



# Braeburn®

## Model 2000 Terminal Designations



## Architectural Specifications

The digital programmable thermostat shall be a Braeburn®, model number 2000, 3.75" high x 4.94" wide x 1.19" deep, powered independently with either 24 Volt AC or with two "AA" alkaline batteries (3.0 Volt DC). The thermostat shall be compatible with single stage gas, oil or electric heating or cooling systems including single stage heat pumps and 250mv – 750mv millivolt heating systems. The thermostat shall have a bright blue backlight display, front loading battery door and separate sub-base for trouble free installation. Temperature control range shall be between 45° and 90° F (7° and 32° C), accuracy of +/- 1° F (+/- .5° C), humidity range between 5% and 95% relative humidity. The thermostat shall include non-volatile memory to retain user settings, adjustable temperature limits, filter check monitor, adaptive recovery mode (ARM™) and separate heating and cooling set point program times and temperatures. Thermostat shall have low battery indication and a front reset button will return user settings to default values when pressed. The thermostat can be mounted to a horizontal junction box.

## Product Specifications

|                           |                                                                                                                        |
|---------------------------|------------------------------------------------------------------------------------------------------------------------|
| Dimensions:               | 3.75" x 4.94" x 1.19"                                                                                                  |
| Electric Rating:          | 24 Volt AC (18-30 Volt AC)<br>1 amp maximum load per terminal<br>3 amp total maximum load (all terminals)              |
| AC Power:                 | 18-30 Volt AC                                                                                                          |
| DC Power:                 | 3.0 Volts DC<br>(2 "AA" Alkaline batteries included)                                                                   |
| Compatibility:            | Single stage gas, oil or electric systems<br>Single stage heat pump systems<br>250mv – 750mv millivolt heating systems |
| Control Range:            | 45° to 90° F (7° to 32° C)                                                                                             |
| Display Range:            | 40° to 99° F (4° to 37° C)                                                                                             |
| Accuracy:                 | +/- 1° F (+/- .5° C)                                                                                                   |
| Temperature Differential: | .5°, 1°, or 2° F (.25°, .5°, or 1° C)                                                                                  |
| Storage Temperature:      | 14° to 140° F (-10° to 60° C)                                                                                          |
| Operating Humidity:       | 5% to 95% Relative Humidity                                                                                            |
| Terminations:             | Rc, Rh, B, O, Y, W, G, C                                                                                               |

## Shipping Information

| INDIVIDUAL CARTON                 | MASTER CARTON                      |
|-----------------------------------|------------------------------------|
| Dimensions: 4.33" x 5.63" x 1.86" | Quantity: 6                        |
| Weight: .58 lbs.                  | Dimensions: 5.94" x 11.81" x 4.80" |
|                                   | Cubic Feet: .19                    |
|                                   | Weight: 3.7 lbs.                   |

## Braeburn 2000 Replaces\*

|                |                                                  |
|----------------|--------------------------------------------------|
| Honeywell®     | TH4110, T8000, T8001, T8090, T8112, T8131, T8132 |
| White-Rodgers® | 1F78-151                                         |
| Robertshaw®    | RS3110, 8600, 8600-1, 8601, 9600                 |
| ICM®           | SC3000, SC3001, SC3006                           |
| LuxPro®        | PSP511C, PSP511LC                                |

\*Verify specific application requirements.  
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## Accessories

|      |                                            |
|------|--------------------------------------------|
| 2950 | Universal Wall Plate (6.5" x 6.5" x .125") |
| 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.).

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

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

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