

# Braeburn®

## Model 1000TL Single Stage Heat / Cool

**Economy Version**  
**Non-Programmable**



### Features

- Dual Powered—Hardwired or Battery
- Bright Blue Display Backlight
- Adjustable Temperature Set Point Limits
- Non-Volatile Memory Retains User Settings
- Easy Access Front Battery Door
- Separate O & B Terminals
- Compressor Short Cycle Protection
- Separate Heating and Cooling Set Point Temperatures
- Three Level Low Battery Indication
- ESD Guard™ Electronic Circuitry
- Front Access Reset Button
- F° / C° Switch
- Gas / Electric Fan Switch
- Mount to Horizontal Box

The  
brighter  
choice®

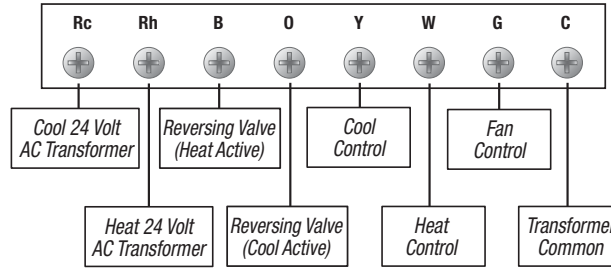


**Builder Series**

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# Braeburn®

## Model 1000TL Terminal Designations



## Architectural Specifications

The digital non-programmable thermostat shall be a Braeburn®, model number 1000TL, 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, adjustable temperature set point limits, 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. Thermostat shall have three level 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

<b>Dimensions:</b>	3.72" x 4.72" x 1.17"
<b>Electric Rating:</b>	24 Volt AC (18-30 Volt AC) 1 amp maximum load per terminal 2 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 or electric systems Single stage heat pump systems 250mv – 750mv millivolt heating systems
<b>Control Range:</b>	45° to 90° F (7° to 32° C)
<b>Display Range:</b>	40° to 99° F (4° to 37° C)
<b>Accuracy:</b>	+/- 1° F (+/- .5° C)
<b>Temperature Differential:</b>	.5°, 1°, or 2° F (.25°, .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, B, O, Y, W, G, C

## Shipping Information

### INDIVIDUAL CARTON

**Dimensions:** 3.75" x 5.50" x 1.44"  
**Weight:** .45 lbs.

### MASTER CARTON

**Quantity:** 6  
**Dimensions:** 6" x 4.50" x 17"  
**Cubic Feet:** .27  
**Weight:** 5.7 lbs.

## Braeburn 1000TL Replaces

**Honeywell®** T87F\*, T834\*, TH1110\*, TH3110\*, T8034\*, T8400, T8401\*  
**White-Rodgers®** 1F51\*, 1F56\*, 1D56\*, 1E56\*, 1F78-144\*, 1F78H-144\*  
**Robertshaw®** RS2110, 8400, 8401\*, 9200\*, 9400, 9401\*, 9500\*  
**ICM®** SC2000, SC2000L\*, SC2000N\*, SC2001\*, SC2001L\*, SC2001N\*, SC2010\*

### LuxPro®

PSD011W\*, PSD011B\*, PSD100\*, PSD111\*, PSM400SA\*  
\*Verify specific single stage application requirements.  
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## Accessories

2950 Universal Wall Plate (6.5" x 6.5" x .125")  
5970 Universal Thermostat Guard

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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:** \_\_\_\_\_