

## Model 1005 Universal Heat Only or Cool Only

## Builder Series Non-Programmable



### Features

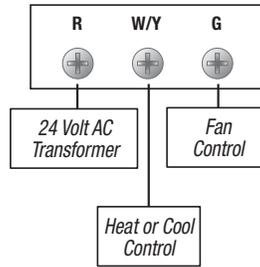
- Large Display with Bright Blue Backlight
- Easy Access Front Battery Door
- Battery Powered with Latching Relay Output
- Switch Selectable Heat Only or Cool Only Configuration
- Compressor Short Cycle Protection
- Adjustable Temperature Differential
- ESD Guard™ Electronic Circuitry
- Front Access Reset Button
- F° / C° Switch
- Gas / Electric Fan Switch
- Mount to Horizontal Box

The  
brighter  
choice®



# Braeburn®

## Model 1005 Terminal Designations



## Architectural Specifications

The digital non-programmable thermostat shall be a Braeburn®, model number 1005, 3.75" high x 4.94" wide x 1.19" deep, powered by 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 250mv – 750mv millivolt heating systems. The thermostat is a switch selectable universal heat only or cool only thermostat. 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. 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>	3.75" x 4.94" x 1.19"
<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>DC Power:</b>	3.0 Volts DC (2 "AA" Alkaline batteries included)
<b>Compatibility:</b>	Single stage gas, oil or electric 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>	R, W/Y, G

## Shipping Information

<b>INDIVIDUAL CARTON</b>	<b>MASTER CARTON</b>
<b>Dimensions:</b> 4.33" x 5.63" x 1.86"	<b>Quantity:</b> 6
<b>Weight:</b> .58 lbs.	<b>Dimensions:</b> 5.94" x 11.81" x 4.80"
	<b>Cubic Feet:</b> .19
	<b>Weight:</b> 3.7 lbs.

## Braeburn 1005 Replaces

<b>Honeywell®</b>	T87F*, T810C, T810D, T812A, T812B, T822*, T8400*
<b>White-Rodgers®</b>	1C20, 1C21, 1C30, 1D30, 1E30, 1E31, 1F30, 1F36, 1F51
<b>Robertshaw®</b>	986-1, 984-1, 9204, 9206, 9405, 9505
<b>ICM®</b>	SC1600*, SC1601*, SC1800*, SC1801*, SC1900*, SC1901*
<b>LuxPro®</b>	PSD158*, PSM200SA*

\*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

## 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: \_\_\_\_\_ Engineer: \_\_\_\_\_  
Job Name: \_\_\_\_\_ Model No.: \_\_\_\_\_  
Location: \_\_\_\_\_ Submitted By: \_\_\_\_\_  
Contractor: \_\_\_\_\_ Submitted For Approval: \_\_\_\_\_ Record: \_\_\_\_\_

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