

Braeburn®

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

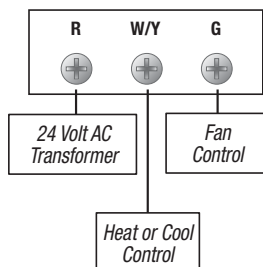
The
brighter
choice®



Builder Series

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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

| | |
|----------------------------------|---|
| Dimensions: | 3.75" x 4.94" x 1.19" |
| Electric Rating: | 24 Volt AC (18-30 Volt AC) 1 amp maximum load per terminal 2 amp total maximum load (all terminals) |
| DC Power: | 3.0 Volts DC (2 "AA" Alkaline batteries included) |
| Compatibility: | Single stage gas, oil or electric systems 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: | R, W/Y, G |

Shipping Information

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|--|---|
| 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 1005 Replaces

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

*Verify specific single stage application requirements.
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Accessories

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|---|
| 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) 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: _____ |