

Model 5050 Heat / Cool

Premier Series Programmable



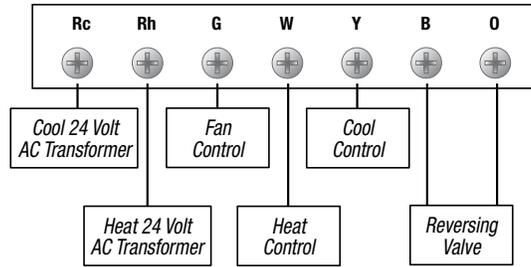
Features

- Universal 7 Day or 5-2 Day Programming
- Large Display with Bright Blue Backlight
- Battery Powered with Latching Relay Output
- Non-Volatile Memory to Maintain User Settings
- Recirculating Fan Mode
- Residual Cooling Fan Delay
- Filter Check Monitor
- Adaptive Recovery Mode (ARM™)
- Adjustable Temperature Differential
- ESD Guard™ Electronic Circuitry
- Low Temperature “Freeze” Protection
- 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
- Mounts to Vertical or Horizontal Box
- Easy Access Front Battery Door
- Separate O & B Terminals
- Keypad Lockout
- Meets ENERGY STAR® and California Title 24 Guidelines

The
brighter
choice®



Terminal Designations



Architectural Specifications

The digital programmable thermostat shall be a Braeburn®, model number 5050, 4.63” high x 5.00” wide x 1.25” deep, powered by two “AA” Alkaline batteries (3.0 Volt DC) with universal 7 or 5-2 day switch selectable programming. 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, separate sub-base for trouble free installation and keypad lockout. 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 low temperature “freeze” protection, non-volatile memory to retain user settings, filter check monitor, adaptive recovery mode (ARM™), separate heating and cooling set point program times and temperatures, programmable recirculating fan mode and residual cooling fan delay. A front reset button will return user settings to default values when pressed. The thermostat can be mounted to a horizontal or vertical junction box.

Product Specifications

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|----------------------------------|--|
| Dimensions: | 4.63” x 5.00” x 1.25” |
| 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 Single stage heat pump 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 |
| Interchangeable Sub-Base: | Braeburn 3000 Non-Programmable and 5000 Programmable 1 Heat / 1 Cool |
| Terminations: | Rc, Rh, G, W, Y, B, O |

Shipping Information

| | |
|--|---|
| INDIVIDUAL CARTON | MASTER CARTON |
| Dimensions: 5.25” x 5.88” x 2.00” | Quantity: 6 |
| Weight: .70 lbs. | Dimensions: 6.25” x 11.75” x 6.25” |
| | Cubic Feet: .26 |
| | Weight: 4.2 lbs. |

Braeburn 5050 Replaces

| | |
|-----------------------|--------------------------------|
| Honeywell® | TH7110*, T8110* |
| White-Rodgers® | 1F87-251, 1F90-371*, 1F97-371* |
| Robertshaw® | 8600-1, 9600, 9610, 9701i* |

*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 |

FREE Contractor Branding Available!

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. Only), 630-844-1968 (Outside the U.S.).

Date: _____
Job Name: _____
Location: _____
Contractor: _____

Engineer: _____
Model No.: _____
Submitted By: _____
Submitted For Approval: _____ **Record:** _____