

Model 2000 Heat / Cool

Builder Series Programmable



Features

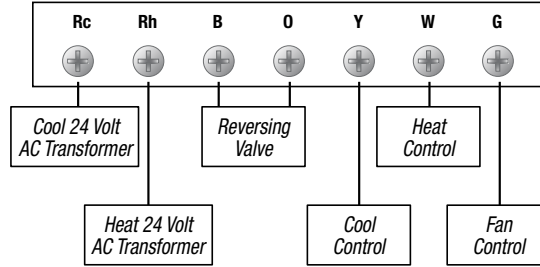
- 5-2 Day Separate Weekday / Weekend Programming
- Large Display with Bright Blue Backlight
- Battery Powered with Latching Relay Output
- Non-Volatile Memory to Maintain User Settings
- Filter Check Monitor
- Adaptive Recovery Mode (ARM™)
- Adjustable Temperature Differential
- ESD Guard™ Electronic 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
- Mount to Horizontal Box
- Easy Access Front Battery Door
- Separate O & B Terminals
- Meets ENERGY STAR® and California Title 24 Guidelines

The
brighter
choice®



Braeburn®

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 by two "AA" Alkaline batteries (3.0 Volt DC) with 5-2 day 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 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 low temperature "freeze" protection, non-volatile memory to retain user settings, filter check monitor, adaptive recovery mode (ARM™) and separate heating and cooling set point program times and temperatures. 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 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 1000 Non-Programmable 1 Heat / 1 Cool
Terminations:	Rc, Rh, B, O, Y, W, G

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, TH6100*, TH6110*, T8000*, T8112*, T8131, T8132
White-Rodgers®	1F78-151*
Robertshaw®	8600*, 8601, 9600*
ICM®	SC3000*, SC3001*, SC3006*
LuxPro®	PSP211*, PSP511*, PSP511L*, PSP600*, PSP700*

*Verify specific single stage application requirements.
All trademarks are the property of their respective owners.

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) 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: _____