

Braeburn®

1020

**Single Stage Heat / Cool
Conventional or Heat Pump
Non-Programmable Thermostat**



ACTUAL SIZE

Features

- Large 3 Sq. In. Display with Bright Blue Backlight
- Adjustable Temperature Limits
- Hardwire or Battery Powered
- Permanent Memory Retains Settings
- Separate O & B Terminals
- Compressor Short Cycle Protection
- Adjustable Temperature Differential
- Low Battery Indication
- ESD Guard™ Electronic Circuitry
- Front Access Reset Button
- F° / C° Switch
- Gas / Electric Fan Switch
- Mount to Horizontal Box
- English / Spanish Packaging and Instruction Card with FREE Contractor Branding

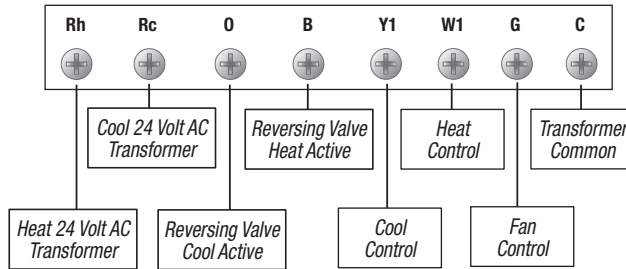
**ECONOMY
SERIES**

FREE Contractor Branding! Visit braeburnonline.com

Toll-Free 866.268.5599 (U.S.) +1.630.844.1968 (Outside the U.S.)

Braeburn®

Terminal Designations



Architectural Specifications

The digital non-programmable thermostat shall be a Braeburn®, model number 1020, 3.70" high x 5.16" wide x 1.38" 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 limits 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 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

Dimensions:	3.70" x 5.16" x 1.38"
Electric Rating:	24 Volt AC (18-30 Volt AC) 1 amp maximum load per terminal 3 amp total maximum load (all terminals)
AC Power:	18-30 Volt AC
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 (5° to 37° C)
Accuracy:	+/- 1° F (+/- .5° C)
Temperature Differential:	.5°, 1°, or 2° F (0.2°, 0.5°, or 1.0° C)
Storage Temperature:	14° to 140° F (-10° to 60° C)
Operating Humidity:	5% to 95% Relative Humidity
Terminations:	Rc, Rh, O, B, Y1, W1, G, C

Shipping Information

INDIVIDUAL CARTON	MASTER CARTON
Dimensions: 3.9" x 6.2" x 1.6"	Quantity: 6
Weight: .72 lbs.	Dimensions: 5.2" x 12.8" x 4.5"
	Cubic Feet: .17
	Weight: 4.7 lbs.

Braeburn 1020 Replaces*

Honeywell®	TH3110
White-Rodgers®	1F86-344, 1F86-0244, 1F86EZ-0251

*Verify specific 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.), +1.630.844.1968 (Outside the U.S.).

Date: _____

Job Name: _____

Location: _____

Contractor: _____

Engineer: _____

Model No.: _____

Submitted By: _____

Submitted For Approval: _____ Record: _____

Braeburn Systems LLC • 2215 Cornell Avenue • Montgomery, IL 60538 • Toll-Free 866.268.5599 (U.S.) +1.630.844.1968 (Outside the U.S.)