

Braeburn®

3020

2 Heat / 1 Cool Heat Pump
1 Heat / 1 Cool Conventional
Non-Programmable Thermostat



ACTUAL SIZE

Features

- Large 4 Sq. In. Display with Bright Blue Backlight
- Auto or Manual Changeover
- SpeedBar® Multi-Function Button
- Adjustable Temperature Limits
- Indoor or Outdoor Remote Sensing
- Permanent Memory Retains Settings
- Separate User and Installer Reset Buttons
- Circulating Fan Mode
- Auxiliary Heat Fossil Fuel Option
- User Selectable Service Monitors
- Hardwire or Battery Powered
- Multi-Level Keypad Lockout
- Set Point Adjustment Limits
- Compressor Short Cycle Protection
- Compatible with 2 or 3 Wire Hydronic Zone Systems
- Trilingual Packaging and Instruction Card with FREE Contractor Branding

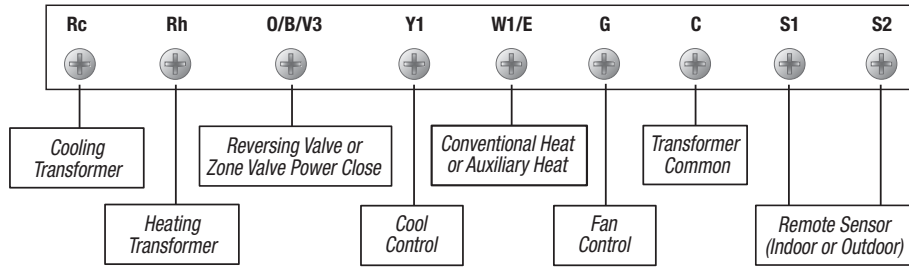
**PREMIER
SERIES**

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 with auto changeover shall be a Braeburn® model number 3020, 3.86" high x 5.11" wide x 1.42" deep, powered with either 24 Volt AC or with two "AA" Alkaline batteries (3.0 Volt DC). The thermostat shall be compatible with low voltage single stage gas, oil, or electric heating or cooling systems, and single stage heat pumps with auxiliary heat. Also compatible with 250mv – 750mv millivolt heating only systems and 2 or 3 wire hydronic zone systems. The thermostat shall have a bright blue backlight display, SpeedBar®, separate sub-base and multi-level keypad lockout. Temperature control range shall be between 45° and 90° F (7° and 32° C), accuracy of +/- 1° F (+/- .5° C) and operating humidity range between 5% and 95% relative humidity. The thermostat shall include separate installer and user setup modes, permanent memory to retain all user, installer and temperature settings, filter, UV and humidifier pad check monitor, adaptive recovery mode (ARM™), residual cooling fan delay and indoor or outdoor remote sensor capability. A front reset button will return user settings to default values when pressed.

Product Specifications

Dimensions:	3.86" x 5.11" x 1.42"
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 pumps with or without auxiliary heat 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° C)
Storage Temperature:	14° to 140° F (-10° to 60° C)
Operating Humidity:	5% to 95% Relative Humidity
Terminations:	Rc, Rh, O/B/V3, Y1, W1/E, G, C, S1, S2

Shipping Information

INDIVIDUAL CARTON	MASTER CARTON
Dimensions: 5.0" x 6.3" x 2.0"	Quantity: 6
Weight: .92 lbs.	Dimensions: 6.4" x 13" x 5.6"
	Cubic Feet: .27
	Weight: 6 lbs.

Braeburn 3020 Replaces*

Honeywell®	TS5110D, TH5220D
Emerson®	1F85U-22NP, 1F86-0471

*Verify specific application requirements.

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Accessories

2920 Vertical J-Box Adapter Wall Plate	5390 Remote Indoor Sensor
2950 Universal Wall Plate (6.5" x 6.5" x .125")	5490 Remote Outdoor Sensor
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.)