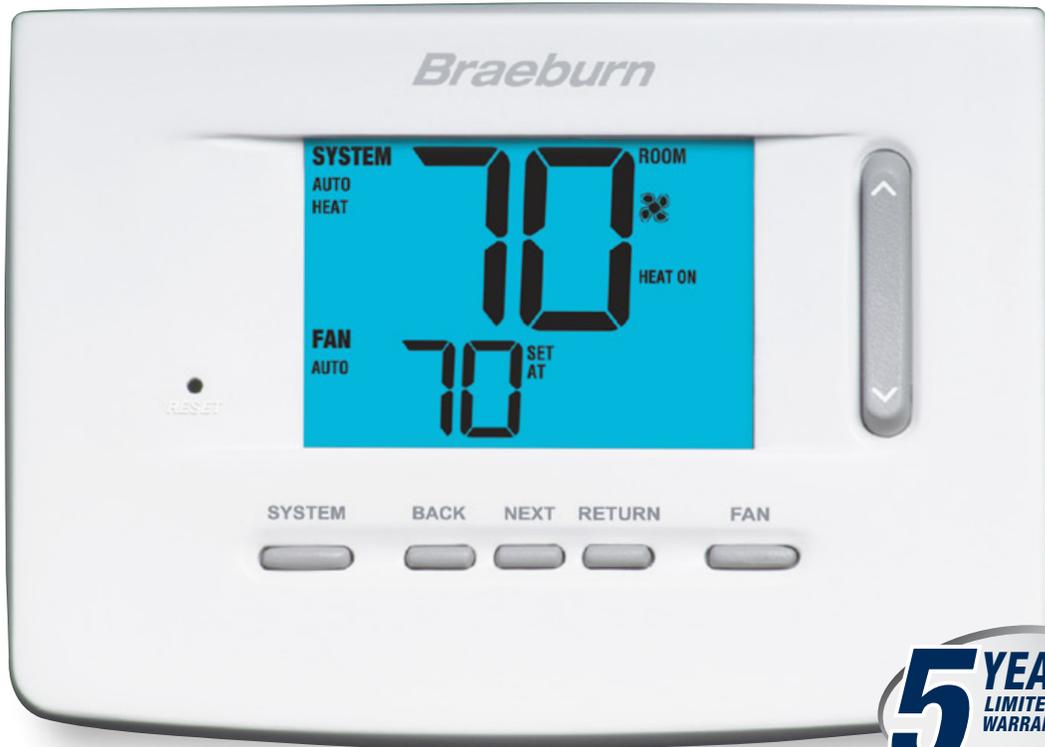


# Braeburn®

## 3020

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



ACTUAL SIZE

### Features

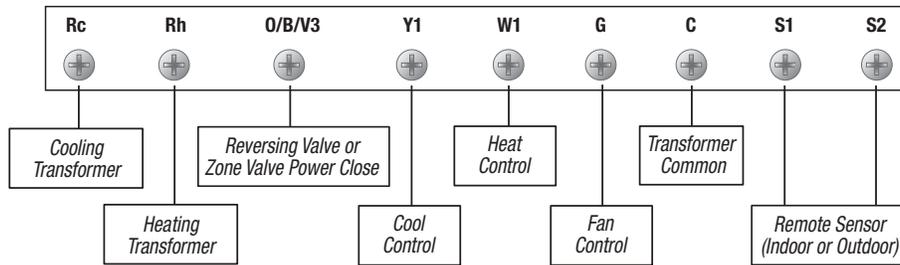
- Large 4 Sq. In. Display with Bright Blue Backlight
- Auto or Manual Changeover
- SpeedBar® Multi-Function Button
- Adjustable Temperature Limits
- Indoor or Outdoor Remote Sensing
- Permanent Memory Retains Settings
- Separate User and Installer Reset Buttons
- User Selectable Service Monitors
- Hardwire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

**PREMIER  
SERIES**

**FREE Contractor Branding! Visit [braeburnonline.com](http://braeburnonline.com)**

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

## 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 pump systems. 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

<b>Dimensions:</b>	3.86" x 5.11" x 1.42"
<b>Electric Rating:</b>	24 Volt AC (18-30 Volt AC) 1 amp maximum load per terminal 3 amp total maximum load (all terminals)
<b>AC Power:</b>	18-30 Volt AC
<b>DC Power:</b>	3.0 Volts DC (2 "AA" Alkaline batteries included)
<b>Compatibility:</b>	Single stage gas, oil or electric systems Single stage heat pump systems 250mv – 750mv millivolt heating systems
<b>Control Range:</b>	45° to 90° F (7° to 32° C)
<b>Display Range:</b>	40° to 99° F (5° to 37° C)
<b>Accuracy:</b>	+/- 1° F (+/- .5° C)
<b>Temperature Differential:</b>	.5°, 1°, or 2° F (0.2°, 0.5°, or 1° C)
<b>Storage Temperature:</b>	14° to 140° F (-10° to 60° C)
<b>Operating Humidity:</b>	5% to 95% Relative Humidity
<b>Terminations:</b>	Rc, Rh, O/B/V3, Y1, W1, G, C, S1, S2

## Shipping Information

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

## Braeburn 3020 Replaces\*

<b>Honeywell®</b>	TH5110
<b>Emerson®</b>	1F86-0471

\*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")	5390 Remote Indoor Sensor
5970 Universal Thermostat Guard	5490 Remote Outdoor Sensor

## FREE Contractor Branding Available!

Visit our website ([www.braeburnonline.com](http://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:** \_\_\_\_\_