

# Braeburn®

## 1025NC

**Heat Only  
Non-Programmable Thermostat**



ACTUAL SIZE

### Features

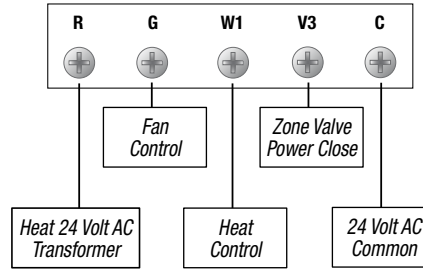
- Large 2 Sq. In. Display with Bright Blue Backlight
- Compatible with 2 or 3 Wire Hydronic Zone Systems
- Adjustable Temperature Limit
- Hardwire or Battery Powered
- Permanent Memory Retains Settings
- Low Battery Indication
- Front Access Reset Button
- F° / C° Switch
- Trilingual Packaging and Instruction Card with FREE Contractor Branding

**BUILDER  
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 shall be a Braeburn® model number 1025NC, 3.62" high x 4.72" 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 conventional heating systems, 250mv – 750mv millivolt heating systems and 2 or 3 wire hydronic zone systems. The thermostat shall have a bright blue backlight display, adjustable temperature limit 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

<b>Dimensions:</b>	3.62" x 4.72" x 1.38"
<b>Electric Rating:</b>	24 Volt AC (18-30 Volt AC) 1 amp maximum load per terminal 2 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 conventional systems 2 or 3 wire hydronic zone systems 250mv - 750mv millivolt heat only 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 1.0° 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>	R, G, W1, V3, C

## Shipping Information

### INDIVIDUAL CARTON

**Dimensions:** 3.8" x 5.8" x 1.6"  
**Weight:** .70 lbs.

### MASTER CARTON

**Quantity:** 12  
**Dimensions:** 11" x 11.7" x 4.3"  
**Cubic Feet:** .32  
**Weight:** 9.2 lbs.

## Braeburn 1025NC Replaces\*

**Honeywell®** T8400, T87F, T810C, T810D, T812A, T812B, T822, TH100  
**Emerson®** 1F51, 1E30, 1E31, 1F30, 1F36, 1C30, 1D30, 1C20, 1C21, 1E78-140

\*Verify specific application requirements.

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## Accessories

2920 Vertical J-Box Adapter Wall Plate  
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](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:** \_\_\_\_\_  
**Job Name:** \_\_\_\_\_  
**Location:** \_\_\_\_\_  
**Contractor:** \_\_\_\_\_

**Engineer:** \_\_\_\_\_  
**Model No.:** \_\_\_\_\_  
**Submitted By:** \_\_\_\_\_  
**Submitted For Approval:** \_\_\_\_\_ **Record:** \_\_\_\_\_