

# Braeburn®

## The brighter choice®



# Thermostats

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## BUILDER SERIES

## Mechanical Thermostats

**500 - 1H / 1C**

**505 - Heat Only**

**507 - Cool Only**

**meGaswitch® magnetic switch technology - tested for 25 year switch life**

### 500 Series Features

- Over 25 Year Switch Life
- Heavy Duty Ball-Type System and Fan Switches
- Environmentally Safe - Mercury Free
- Front Mounted Wiring Terminals
- Heavy Duty Anticipator (500, 505)
- Integrated Sub-Base for Easy Installation
- Electro-Plated Wiring Terminals to Prevent Corrosion
- No Leveling Required During Installation

ABC Heating & Cooling  
For Service Call 800-555-1234  
abcservice@internet.com

*Durable Clear Labels with FREE Contractor Branding Available. See page 15.*

### 500 - 1H / 1C

- Single Stage Conventional or Heat Pump Systems
- 24 Volt AC Gas, Oil, Electric and Millivolt Systems
- System Lever COOL/OFF/HEAT
- Fan Control Lever AUTO/ON
- Terminations Rc, Rh, W, Y, G, O and B

### 505 - Heat Only

- Heat Only
- 24 Volt AC Gas, Oil, Electric and Millivolt Systems
- System Lever OFF/HEAT
- Terminations Rh and W

### 507 - Cool Only

- Cool Only
- 24 Volt AC Conventional Air Conditioning Systems
- System Lever OFF/COOL
- Terminations Rc and Y

Accessories Available—See Page 17.



NEW!

NEW!

NEW!



**Bright Blue Display**

## BUILDER SERIES Non-Programmable Thermostats

### Value Models

- 1000NC - 1H / 1C
- 1200NC - 2H / 1C

Get the comfort of digital control for close to the cost of a mechanical thermostat

#### 1000NC/1200NC Features

- Bright Blue Display Backlight
- Adjustable Temperature Limits
- Hardwire or Battery Powered
- Permanent Memory Retains Settings
- Compressor Short Cycle Protection
- Separate O & B Terminals
- Easy Access Front Battery Door
- ESD Guard™ Electronic Circuitry
- Front Access Reset Button
- Gas / Electric Fan Switch
- Mounts to Horizontal Box

- Low Battery Indicator
- F° / C° Switch

FREE Contractor Branding on Battery Doors. See page 15.

ABC Heating & Cooling  
For Service Call 800-555-1234  
abcservice@intenet.com

#### 1000NC - 1H / 1C

- Single Stage Conventional or Heat Pump Systems
- Millivolt Systems

#### 1200NC - 2H / 1C

- Conventional Systems Up to 2H / 1C
- Heat Pump Systems with a Single Compressor and Up to One Auxiliary Stage
- Millivolt Systems

Accessories Available—See Page 17.



**Bright Blue Display**

## BUILDER SERIES Programmable Thermostats

### Value Models

- 2000NC - 1H / 1C
- 2200NC - 2H / 1C

Simple 5-2 day programming with large display

#### 2000NC/2200NC Features

- 5-2 Day Separate Weekend / Weekday Programming
- Bright Blue Display Backlight
- Adjustable Temperature Limits
- Hardwire or Battery Powered
- Permanent Memory Retains Settings
- Adjustable Temperature Differentials
- Adaptive Recovery Mode (ARM™)
- Separate O & B Terminals

- ESD Guard™ Electronic Circuitry
- Easy Access Front Battery Door
- Programmable Extended Hold Mode
- Compressor Short Cycle Protection
- Auxiliary Heat Status Indicator
- Temporary Program Override
- Front Access Reset Button
- Mounts to Horizontal Box
- Meets California Title 24 Guidelines

- Low Battery Indicator
- F° / C° Switch
- Filter Check Monitor

FREE Contractor Branding on Battery Doors. See page 15.

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For Service Call 800-555-1234  
abcservice@intenet.com

#### 2000NC - 1H / 1C

- Single Stage Conventional or Heat Pump Systems
- Millivolt Systems

#### 2200NC - 2H / 1C

- Conventional Systems Up to 2H / 1C
- Heat Pump Systems with a Single Compressor and Up to One Auxiliary Stage
- Millivolt Systems

Accessories Available—See Page 17.





## BUILDER SERIES

### Non-Programmable Thermostats

- NEW!**
- 1020NC - 1H / 1C
  - 1025NC - Heat Only
  - 1220NC - 2H / 1C

Large 2 Sq. In. Display



## BUILDER SERIES

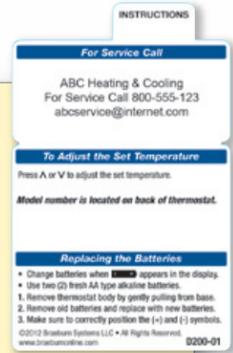
### Programmable Thermostats

- NEW!**
- 2020NC - 1H / 1C
  - 2220NC - 2H / 1C

Large 2 Sq. In. Display

### Large 2 sq. in. easy-to-read display

- 1020NC/1220NC Features**
- Large 2 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
  - Low Battery Indicator
  - ESD Guard™ Electronic Circuitry
  - Front Access Reset Button
  - F° / C° Switch
  - Gas / Electric Fan Switch
  - Adjustable Temperature Differential
  - English / Spanish Packaging and Instructions



FREE Contractor Branding on Quick Reference Instruction Card. See page 15.

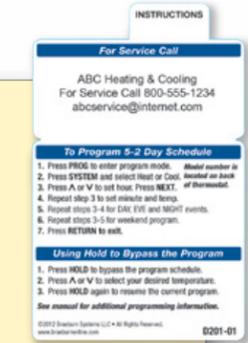
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|--|--|--|
| <p><b>1020NC - 1H / 1C</b></p> <ul style="list-style-type: none"> <li>- Single Stage Conventional or Heat Pump Systems</li> <li>- Millivolt Systems</li> </ul> | <p><b>1025NC - Heat Only</b></p> <ul style="list-style-type: none"> <li>- Conventional Heat Only Systems</li> <li>- Millivolt Systems</li> </ul> | <p><b>1220NC - 2H / 1C</b></p> <ul style="list-style-type: none"> <li>- Conventional Systems Up to 2H / 1C</li> <li>- Heat Pump Systems with a Single Compressor and Up to One Auxiliary Stage</li> <li>- Millivolt Systems</li> </ul> |
|--|--|--|



Accessories Available—See Page 17.

### Large 2 sq. in. display with simple one button 5-2 day programming

- 2020NC/2220NC Features**
- 5-2 Day Programming
  - Large 2 Sq. In. Display with Bright Blue Backlight
  - Adjustable Temperature Limits
  - Hardwire or Battery Powered
  - Permanent Memory Retains Settings
  - Filter Check Monitor
  - Adaptive Recovery Mode (ARM™)
  - Low Battery Indicator
  - ESD Guard™ Electronic Circuitry
  - Compressor Short Cycle Protection
  - Temporary Program Override
  - Programmable Extended Hold Mode
  - Front Access Reset Button
  - F° / C° Switch
  - Auxiliary Heat Status Indicator
  - English / Spanish Packaging and Instructions
  - Meets California Title 24 Guidelines



FREE Contractor Branding on Quick Reference Instruction Card. See page 15.

- |  |  |
|--|--|
| <p><b>2020NC - 1H / 1C</b></p> <ul style="list-style-type: none"> <li>- Single Stage Conventional or Heat Pump Systems</li> <li>- Millivolt Systems</li> </ul> | <p><b>2220NC - 2H / 1C</b></p> <ul style="list-style-type: none"> <li>- Conventional Systems Up to 2H / 1C</li> <li>- Heat Pump Systems with a Single Compressor and Up to One Auxiliary Stage</li> <li>- Millivolt Systems</li> </ul> |
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Accessories Available—See Page 17.



## ECONOMY SERIES

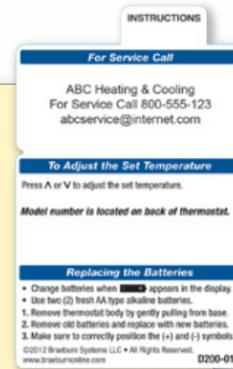
### Non-Programmable Thermostats

**NEW!**  
**1020 - 1H / 1C**  
**1220 - 2H / 2C**

Large 3 sq. in. display with easy-to-use controls

#### 1020/1220 Features

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



FREE Contractor Branding on Quick Reference Instruction Card. See page 15.

#### 1020 - 1H / 1C

- Single Stage Conventional or Heat Pump Systems
- Millivolt Systems

#### 1220 - 2H / 2C

- Conventional Systems Up to 2H / 2C
- Heat Pump Systems with a Single Compressor and Up to One Auxiliary Stage
- Millivolt Systems

Accessories Available—See Page 17.



## ECONOMY SERIES

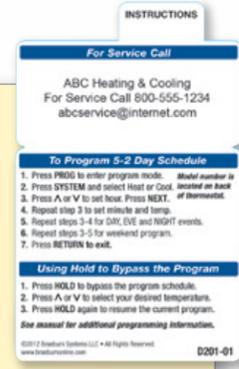
### Programmable Thermostats

**NEW!**  
**2020 - 1H / 1C**  
**2220 - 2H / 2C**

Large 3 sq. in. display with one button 5-2 day programming

#### 2020/2220 Features

- 5-2 Day Separate Weekday / Weekend Programming
- Large 3 Sq. In. Display with Bright Blue Backlight
- Adjustable Temperature Limits
- Hardwire or Battery Powered
- Adjustable Temperature Limits
- Permanent Memory Retains All Settings
- Filter Check Monitor
- Low Battery Indicator
- Adaptive Recovery Mode (ARM™)
- ESD Guard™ Electronic Circuitry
- Compressor Short Cycle Protection
- Temporary Program Override
- Programmable Extended Hold Mode
- Front Access Reset Button
- F° / C° Switch
- Auxiliary Heat Indicator
- English / Spanish Packaging and Instructions
- Meets California Title 24 Guidelines



FREE Contractor Branding on Quick Reference Instruction Card. See page 15.

#### 2020 - 1H / 1C

- Single Stage Conventional or Heat Pump Systems
- Millivolt Systems

#### 2220 - 2H / 2C

- Conventional Systems Up to 2H / 2C
- Heat Pump Systems with a Single Compressor and Up to One Auxiliary Stage
- Millivolt Systems

Accessories Available—See Page 17.





Large  
4 Sq. In.  
Display

## PREMIER SERIES

### Non-Programmable Thermostats

**NEW!**

**3020 - 1H / 1C\***

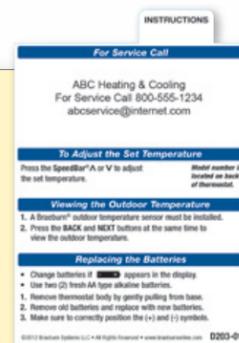
**3220 - 3H / 2C\***

\*Available Summer 2012

SpeedBar® interface simplifies  
setup and operation

#### 3020/3220 Features

- Bright Blue Backlight
- Auto or Manual Changeover
- Speedbar Multi-Function Button
- Indoor or Outdoor Remote Sensing
- User Selectable Service Monitors
- Separate User and Installer Reset Buttons
- Multi-Level Keypad Lockout
- Adjustable Temperature Limits
- Hardwire or Battery Powered
- Residual Cooling Fan Delay
- Temporary Override Limits
- Auxiliary Heat Fossil Fuel Option and Adjustable Balance Points (3220)
- English / Spanish Packaging and Instructions



FREE  
Contractor  
Branding on  
Quick Reference  
Instruction Card.  
See page 15.

#### 3020 - 1H / 1C

- Single Stage Conventional or Heat Pump Systems

#### 3220 - 3H / 2C

- Conventional Systems Up to 2H / 2C
- Heat Pump Systems with Up to Two Compressors and One Auxiliary Stage



5390 Indoor Remote Sensor

Contractors! Buy a 3020 or 3220 thermostat and get a FREE Braeburn thermostat guard or remote sensor.

Visit [www.braeburnonline.com](http://www.braeburnonline.com) for details.



5970 Thermostat Guard

Accessories  
Available –  
See Page 17.



Large  
5 Sq. In.  
Display

## PREMIER SERIES

### Programmable Thermostats

**NEW!**

**5020 - 1H / 1C\***

**5220 - 3H / 2C\***

\*Available Summer 2012

Flexible programming for residential  
and commercial applications

#### 5020/5220 Features

- 7 Day, 5-2 Day or Non-Programmable
- Bright Blue Backlight
- Auto or Manual Changeover
- SpeedBar® Multi-Function Button
- Adjustable Temperature Limits
- Indoor or Outdoor Remote Sensing
- SpeedSet™ 7 Day Programming Mode
- User Selectable Service Monitors
- Hardwire or Battery Powered
- Multi-Level Keypad Lockout
- Separate User and Installer Reset Buttons
- Programmable Fan Operation
- Temporary Override Limits
- Residential and Commercial Modes
- Auxiliary Heat Fossil Fuel Option and Adjustable Balance Points (5220)
- English / Spanish Packaging and Instructions
- Meets California Title 24 Guidelines



FREE  
Contractor  
Branding on  
Quick Reference  
Instruction Card.  
See page 15.

#### 5020 - 1H / 1C

- Single Stage Conventional or Heat Pump Systems

#### 5220 - 3H / 2C

- Conventional Systems Up to 2H / 2C
- Heat Pump Systems with Up to Two Compressors and One Auxiliary Stage



5390 Indoor Remote Sensor

Contractors! Buy a 5020 or 5220 thermostat and get a FREE Braeburn thermostat guard or remote sensor.

Visit [www.braeburnonline.com](http://www.braeburnonline.com) for details.



5970 Thermostat Guard

Accessories  
Available –  
See Page 17.





## PREMIER SERIES Programmable Touchscreen Thermostats

**NEW!**  
5310 - 1H / 1C  
5320 - 4H / 2C

Large 6.5 Sq. In. Display

The affordable touchscreen. All the features of our deluxe touchscreen with a compact easy-to-read display

**SpeedBar® Multi-Function Button**  
Simplifies programming and set-up

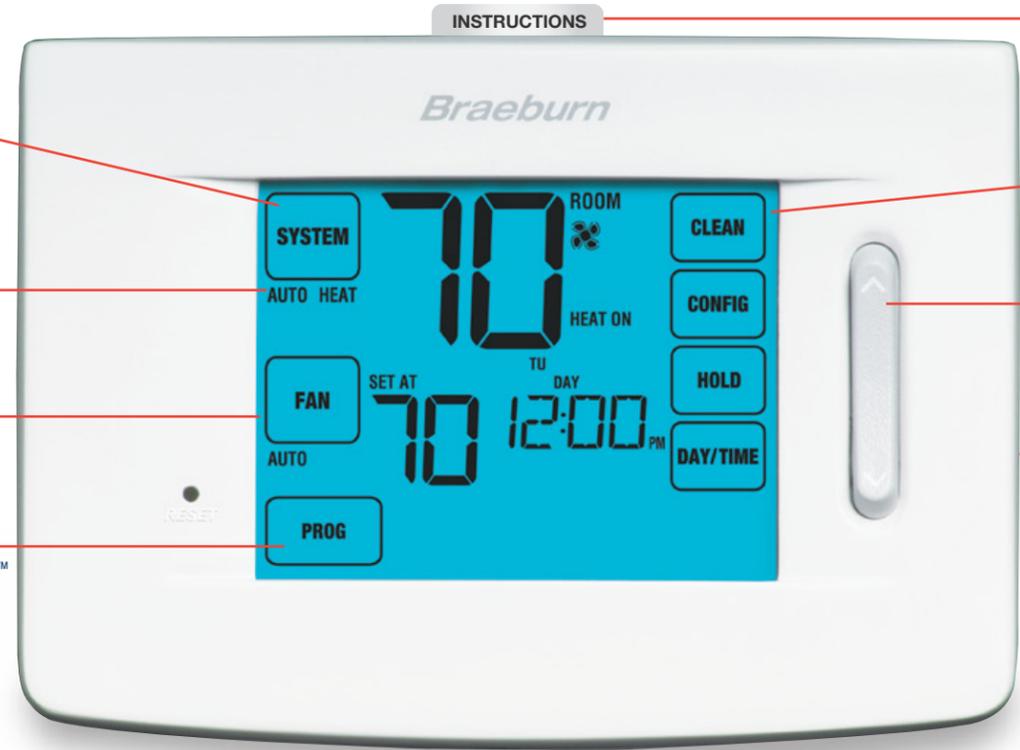
**Large 6.5 Sq. In. Touchscreen with Oversized Characters**  
Easier to view and change settings

**SpeedSet™ 7 Day Programming**  
Quickly program all 7 days

**Quick Reference Instruction Card**  
User instructions with FREE Contractor Branding



FREE Contractor Branding on Quick Reference Instruction Card. See page 15.



Compatible with Conventional and Heat Pump Systems, Up to 4H and 2C

Selectable Auto Changeover Selects Between Heating or Cooling

Bright Blue Backlight with High Intensity LED Technology

7 Day, 5-2 Day or Non-Programmable Modes with SpeedSet™

Quick Reference Instruction Card with FREE Contractor Branding

Large 6.5 sq. in. Easy-to-Read Touchscreen

SpeedBar® Multi-Function Button Simplifies Programming and Setup

Compatible with Braeburn Indoor or Outdoor Remote Sensors

ACTUAL SIZE

A blend of touchscreen and button thermostats for the best of both worlds.

### Additional Features

- 7 Day, 5-2 Day or Non-Programmable
- Bright Blue Backlight Display
- Auto or Manual Changeover
- Circulating Fan Mode
- Hardwire or Battery Powered
- Programmable Fan Mode
- User Selectable Service Monitors
- Built in Economizer Control (5320)
- Multi-Level Keypad Lockout
- Indoor or Outdoor Remote Sensing
- Adjustable Temperature Limits
- Separate User and Installer Reset Buttons
- Residential and Commercial Modes
- Auxiliary Heat Fossil Fuel Option and Adjustable Balance Points (5320)
- English / Spanish Packaging and Instructions
- Meets California Title 24 Guidelines

5970 Thermostat Guard



Accessories Available – See Page 17.



Contractors! Buy a touchscreen hybrid thermostat and get a FREE Braeburn thermostat guard or remote sensor. Visit [www.braeburnonline.com](http://www.braeburnonline.com) for details.

Touchscreen hybrid®





Large 12 Sq. In. Display

## DELUXE SERIES

### Programmable Touchscreen Thermostats

- 6100 - 1H / 1C
- 6300 - 4H / 2C
- 6400 - 4H / 2C with Humidity Control

Compatible with Conventional and Heat Pump Systems, Up to 4H and 2C

Selectable Auto Changeover Selects Between Heating or Cooling

Bright Blue Backlight with High Intensity LED Technology

Non-Programmable, 5-2, 7 Day or SpeedSet™ 7 Day Programming



ACTUAL SIZE

Quick Reference Instruction Card with FREE Contractor Branding

Large 12 sq. in. Easy-to-Read Touchscreen

SpeedBar Multi-Function Button Simplifies Programming and Setup

Compatible with Braeburn Indoor or Outdoor Remote Sensors

Our full featured thermostat. It solves the problems of today's touchscreens.

**SpeedBar® Multi-Function Button**  
Simplifies programming and set-up

**Large 12 Sq. In. Touchscreen with Oversized Characters**  
Easier to view and change settings

**SpeedSet™ 7 Day Programming**  
Quickly program all 7 days

**Quick Reference Instruction Card**  
User instructions with FREE Contractor Branding



FREE Contractor Branding on Quick Reference Instruction Card. See page 15.

A blend of touchscreen and button thermostats for the best of both worlds.

#### Additional Features

- 7 Day, 5-2 Day or Non-Programmable
- Bright Blue Backlight Display
- Auto or Manual Changeover
- Circulating Fan Mode
- Hardwire or Battery Powered
- Programmable Fan Mode
- User Selectable Service Monitors
- Indoor or Outdoor Remote Sensing
- Adjustable Temperature Limits
- Residential or Commercial Modes
- Separate User and Installer Reset Buttons
- Humidification and Dehumidification Control (6400)
- Economizer Control (6300, 6400)
- Auxiliary Heat Fossil Fuel Option and Adjustable Balance Points (6300, 6400)
- English / Spanish Packaging and Instructions
- Meets California Title 24 Guidelines



Contractors! Buy a touchscreen hybrid thermostat and get a FREE Braeburn thermostat guard or remote sensor. Visit [www.braeburnonline.com](http://www.braeburnonline.com) for details.



Accessories Available – See Page 17.

Touchscreen hybrid®



# FREE Contractor Branding and Online Ordering

**Builder, Economy, Premier and Deluxe Series**  
Durable Clear Labels



**Value Models**  
Attractive Laser Marking on Battery Doors

**Mechanical**  
Durable Clear Labels



## Braeburn® Contractor Branding Participation is Quick and Easy...

Competitive programs require you or your contractors to purchase huge inventories of their product to participate. With Braeburn, there are no minimum purchase requirements for the contractor to advertise 24 hours a day in customers' homes—where their name will get the most attention when it is time for maintenance or equipment repair.

- To order, visit [www.braeburnonline.com](http://www.braeburnonline.com) or call our customer service department at 1-866-268-8892.
- Contractors will receive 48 contractor branded labels or doors absolutely FREE, with no set-up fees or separate branding charges<sup>1</sup>. Please allow 2 to 3 weeks for delivery.
- Thermostats can be purchased when the contractor needs them for a job. Neither you nor your customers will need to carry huge inventory costs.
- Contractor branded labels or doors will always be in your customers' inventory when they need them.

### Distributor Benefits of the FREE Braeburn Contractor Branding Program

- Easy Program to Sell** The program is FREE to contractors. No minimum thermostat purchase is required.
- Quick Delivery** No long lead-times.
- Easier Logistics** No ordering or receiving the same thermostat item number with various contractor brands.
- Lower Inventory Costs** No stocking of multiple thermostat variations required.
- No Excess Inventory** Eliminate carrying dead inventory of contractor specific branded thermostats.

### Contractor Benefits of the FREE Braeburn Contractor Branding Program

- **FREE Labels or Doors** No set-up fees or separate branding charges<sup>1</sup>.
- **Always Available** Conveniently stock labels or battery doors on trucks<sup>2</sup>.
- **No Minimum Order** Purchase the thermostats you need for every job.
- **Lower Inventory Costs** No minimum thermostat purchase required.

<sup>1</sup> Text only. Excludes logo requests.

<sup>2</sup> Label No. 590 fits all Builder, Economy, Premier and Deluxe Series Quick Reference Instruction Cards. Battery Door No. 2990 fits Builder Series Value Model 1000NC, 1200NC, 2000NC and 2200NC Thermostats.

U.S. Patent 7,438,469.

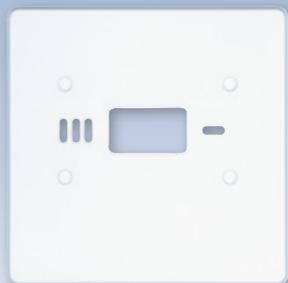
# FREE Accessory with Thermostat Purchase!



## Additional Accessories



Lowers Costs—Can be  
Reused from Job to Job



## Braeburn® Accessories

**Contractors! Buy a 3020, 3220, 5020, 5220, 5310, 5320, 6100, 6300 or 6400 thermostat and get a FREE thermostat guard or remote sensor.** Visit [www.braeburnonline.com](http://www.braeburnonline.com) for details.

### 5390 Remote Indoor Sensor

- Contemporary Style for Any Decor
- For Use with Compatible Braeburn Thermostats
- Sense Range of 40° to 99°F

### 5490 Remote Outdoor Sensor

- Mounts Outdoors up to 200 Feet Away
- Auto Detected by Braeburn Thermostats
- Enables Outdoor Control Functions on Compatible Braeburn Thermostats
- Sense Range of -40° to 99°F

### 5970 Universal Thermostat Guard

- Universal—Fits Virtually All Thermostats
- Replaces Over 100 Competitive Models
- Tamper Resistant Design
- For New and Existing Thermostat Applications
- Slim Contemporary Style
- Strong Durable Clear Plastic
- Two Keys Included
- Fits thermostats up to 7.3"W x 5.25"H x 1.8"D

### 165 Construction Thermostat

- Install in Place of Standard 24 Volt AC Thermostat During Construction
- Maintains Fixed Temperature Set Point of 65° Heat
- Tamper-proof Design Prevents Temperature Adjustment
- Sturdy Enclosure Protects Switch from Drywall Dust, Paint and Mudding

### 2950 Universal Wall Plate

- Covers Mounting Marks from Old Thermostats
- Use with All Braeburn Digital Thermostats
- 6.5"W x 6.5"H

# Braeburn® Products



Welcome! Braeburn is the value alternative for a wide variety of indoor air quality control products. Founded in 2001, our corporate headquarters is located in Montgomery, Illinois – just west of Chicago. We are committed to providing you with the precision products you would expect from a world class company. Our manufacturing facility is ISO 9001 and QS9000 rated for the highest assurance of quality. Braeburn provides solutions to lower energy costs and increase comfort in any home or business environment. Our innovative value-added features, reliability and contemporary designs make us the brighter choice in thermostats, air filtration products, humidification and zoning.



*We support the  
Energy Aware  
Program*

**Toll-Free 866.268.5599 (U.S.) +1.630.844.1968 (Outside the U.S.)  
Fax 866.268.8897 • [www.braeburnonline.com](http://www.braeburnonline.com)**