

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.





BUILDER SERIES

Non-Programmable Thermostats

Value Models

1000NC - 1H / 1C

1200NC - 2H / 1C

**Bright
Blue
Display**

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@internet.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.



BUILDER SERIES

Programmable Thermostats

Value Models

2000NC - 1H / 1C

2200NC - 2H / 1C

**Bright
Blue
Display**

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.

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

1020NC - 1H / 1C

- Single Stage Conventional or Heat Pump Systems
- Millivolt Systems

1025NC - Heat Only

- Conventional Heat Only Systems
- Millivolt Systems

1220NC - 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

Programmable Thermostats

NEW!

2020NC - 1H / 1C

2220NC - 2H / 1C

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
- Adjustable Temperature Differential
- 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.

2020NC - 1H / 1C

- Single Stage Conventional or Heat Pump Systems
- Millivolt Systems

2220NC - 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.



ECONOMY SERIES

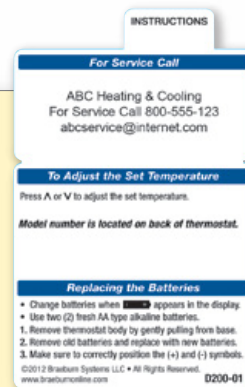
Non-Programmable Thermostats

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

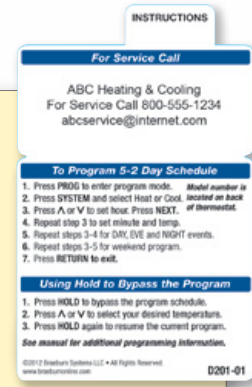
Programmable Thermostats

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.



PREMIER SERIES

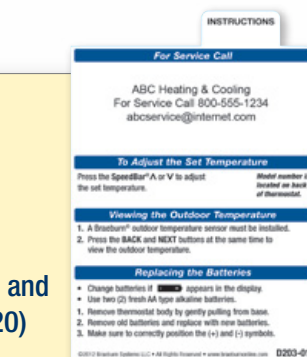
Non-Programmable Thermostats

NEW!

3020 - 1H / 1C*

3220 - 3H / 2C*

**Available Summer 2012*



**Large
4 Sq. In.
Display**

**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

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

**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

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



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



Contractors! Buy a 3020 or 3220 thermostat and get a FREE Braeburn thermostat guard or remote sensor.
Visit www.braeburnonline.com for details.



Contractors! Buy a 5020 or 5220 thermostat and get a FREE Braeburn thermostat guard or remote sensor.
Visit www.braeburnonline.com for details.



**Accessories
Available –
See Page 17.**





PREMIER SERIES

Programmable Touchscreen Thermostats

NEW!

5310 - 1H / 1C
5320 - 4H / 2C

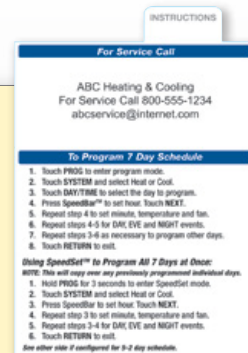
The affordable touchscreen. All the features of our deluxe touchscreen with a compact easy-to-read display

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.



Contractors! Buy a touchscreen hybrid thermostat and get a FREE Braeburn thermostat guard or remote sensor. Visit www.braeburnonline.com for details.



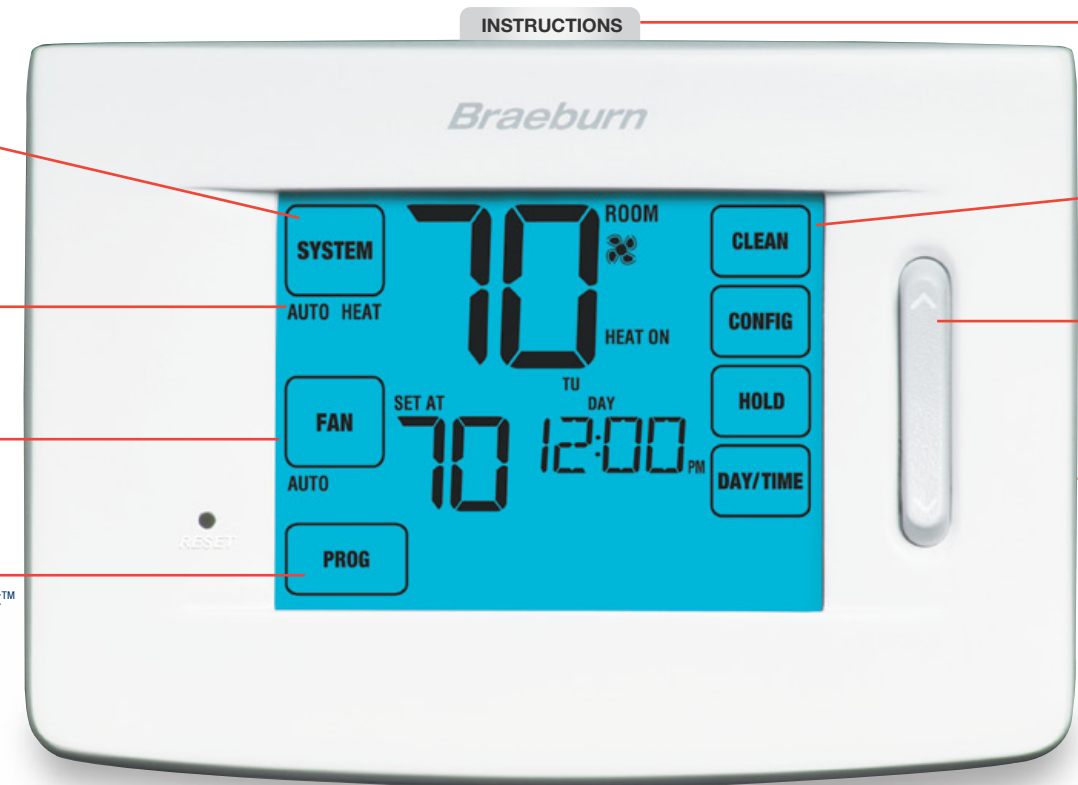
Accessories Available –
See Page 17.

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™



INSTRUCTIONS

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

Touchscreen
hybrid®





DELUXE SERIES

Programmable Touchscreen Thermostats

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

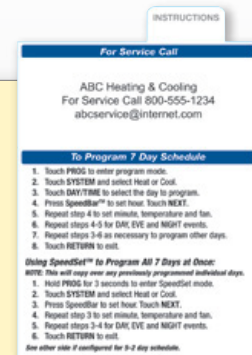
Our full featured thermostat. It solves the problems of today's touchscreens.

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



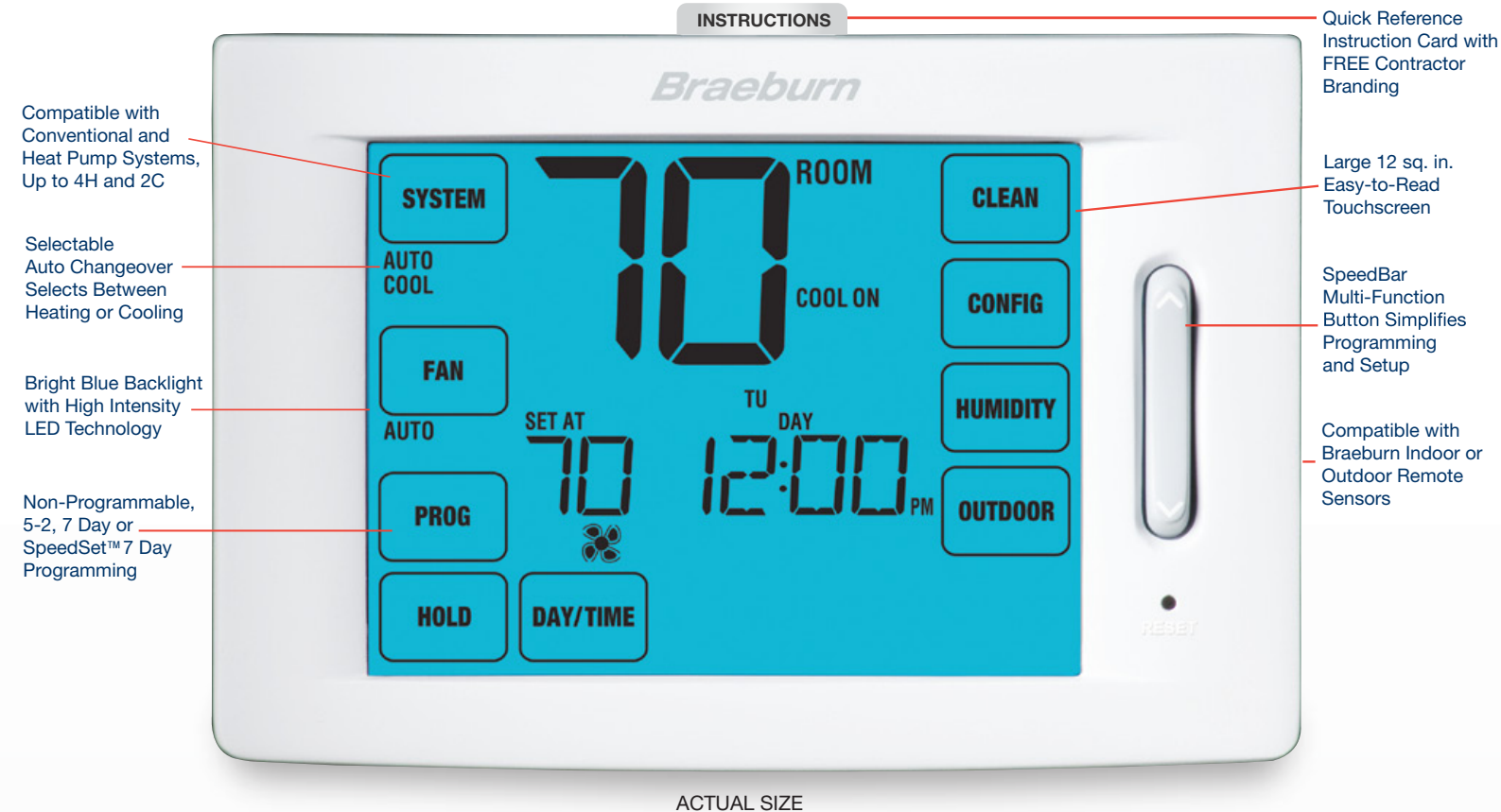
FREE Contractor Branding on Quick Reference Instruction Card. See page 15.



Contractors! Buy a touchscreen hybrid thermostat and get a FREE Braeburn thermostat guard or remote sensor. Visit www.braeburnonline.com for details.



Accessories Available – See Page 17.



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

Touchscreen
hybrid



FREE Contractor Branding and Online Ordering

Builder, Economy, Premier and Deluxe Series
Durable Clear Labels



Mechanical
Durable Clear Labels



Value Models
Attractive Laser Marking on Battery Doors

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 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 charges¹. 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

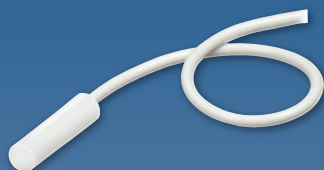
- | | |
|------------------------------|---------------------------------------------------------------------|
| FREE Labels or Doors | No set-up fees or separate branding charges ¹ . |
| Always Available | Conveniently stock labels or battery doors on trucks ² . |
| No Minimum Order | Purchase the thermostats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

¹ Text only. Excludes logo requests.

² 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 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*

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