

Braeburn®

The brighter choice®



Thermostats

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BUILDER SERIES

Mechanical Thermostats

500 - 1H / 1C

505 - Heat Only

**megaswitch® magnetic switch technology –
tested for long switch life**

500 Series Features

- Heavy Duty Ball-Type System and Fan Switches
- Environmentally Safe - Mercury Free
- Front Mounted Wiring Terminals
- Heavy Duty Anticipator
- Integrated Sub-Base for Easy Installation
- Electro-Plated Wiring Terminals to Help 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 17.*

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
- 2 Wire Hydronic Zone Systems

505 - Heat Only

- Heat Only
- 24 Volt AC Gas, Oil, Electric and Millivolt Systems
- System Lever OFF/HEAT
- 2 Wire Hydronic Zone Systems

Accessories Available—See Page 15.





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
- Front Access Reset Button
- Gas / Electric Fan Switch
- Low Battery Indicator
- F° / C° Switch
- English / Spanish Packaging and Instructions

FREE Contractor Branding on Battery Doors. See page 17.

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

1000NC - 1H / 1C

- Single Stage Conventional or Heat Pump Systems
- 2 Wire Hydronic Zone 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
- 2 Wire Hydronic Zone Systems
- Millivolt Systems



Accessories Available—See Page 15.



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 Programming
- Bright Blue Display Backlight
- Adjustable Temperature Limits
- Hardwire or Battery Powered
- Permanent Memory Retains Settings
- Compressor Short Cycle Protection
- Adjustable Temperature Differentials
- Programmable Extended Hold Mode
- Adaptive Recovery Mode (ARM™)
- Separate O & B Terminals
- Auxiliary Heat Status Indicator (2200NC)
- Front Access Reset Button
- Meets California Title 24 Guidelines
- Filter Check Monitor
- Low Battery Indicator
- F° / C° Switch
- English / Spanish Packaging and Instructions

FREE Contractor Branding on Battery Doors. See page 17.

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

2000NC - 1H / 1C

- Single Stage Conventional or Heat Pump Systems
- 2 Wire Hydronic Zone 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
- 2 Wire Hydronic Zone Systems
- Millivolt Systems

*As a licensee in the Energy Aware Programmable Thermostat Program, Braeburn Systems LLC has determined that this product meets the NEMA Energy Aware efficiency specifications for programmable thermostats. Visit www.getenergyaware for more information.





BUILDER SERIES

Non-Programmable Thermostats

1020NC - 1H / 1C

1025NC - Heat Only

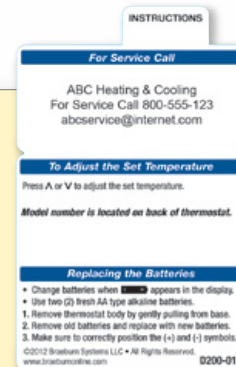
1220NC - 2H / 1C

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 17.

1020NC - 1H / 1C

- Single Stage Conventional or Heat Pump Systems
- 2 Wire Hydronic Zone Systems
- Millivolt Systems

1025NC - Heat Only

- Conventional Heat Only Systems
- 2 or 3 Wire Hydronic Zone 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
- 2 Wire Hydronic Zone Systems
- Millivolt Systems

*Except model 1025NC.

Accessories Available—See Page 15.



BUILDER SERIES

Programmable Thermostats

2020NC - 1H / 1C

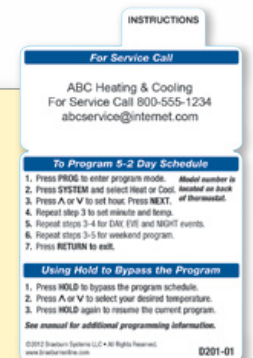
2220NC - 2H / 1C

2
Sq. In.
Display

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 (2220NC)
- English / Spanish Packaging and Instructions
- Meets California Title 24 Guidelines



FREE
Contractor
Branding on
Quick Reference
Instruction Card.
See page 17.

2020NC - 1H / 1C

- Single Stage Conventional or Heat Pump Systems
- 2 Wire Hydronic Zone 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
- 2 Wire Hydronic Zone Systems
- Millivolt Systems

Accessories Available—See Page 15.





ECONOMY SERIES

Non-Programmable Thermostats

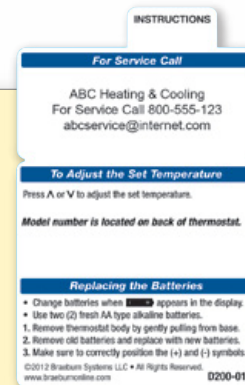
1020 - 1H / 1C
1220 - 2H / 2C

3
Sq. In.
Display

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 17.

1020 - 1H / 1C

- Single Stage Conventional or Heat Pump Systems
- 2 Wire Hydronic Zone 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
- 2 Wire Hydronic Zone Systems
- Millivolt Systems

Accessories Available—See Page 15.



ECONOMY SERIES

Programmable Thermostats

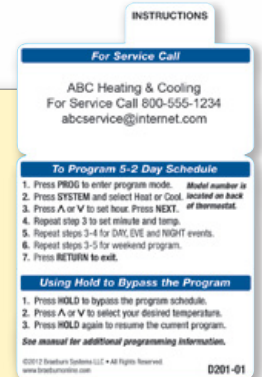
2020 - 1H / 1C
2220 - 2H / 2C

3
Sq. In.
Display

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

2020/2220 Features

- 5-2 Day Programming
- Large 3 Sq. In. Display with Bright Blue Backlight
- Adjustable Temperature Limits
- Hardwire or Battery Powered
- Permanent Memory Retains 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 (2220)
- English / Spanish Packaging and Instructions
- Meets California Title 24 Guidelines



FREE
Contractor
Branding on
Quick Reference
Instruction Card.
See page 17.

2020 - 1H / 1C

- Single Stage Conventional or Heat Pump Systems
- 2 Wire Hydronic Zone 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
- 2 Wire Hydronic Zone Systems
- Millivolt Systems

Accessories Available—See Page 15.





PREMIER SERIES

Non-Programmable Thermostats

3020 - 1H / 1C

3220 - 3H / 2C

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
- Set Point Adjustment Limits
- Auxiliary Heat Fossil Fuel Option and Adjustable Balance Points (3220)
- English / Spanish Packaging and Instructions



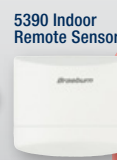
FREE
Contractor
Branding on
Quick Reference
Instruction Card.
See page 17.

3020 - 1H / 1C

- Single Stage Conventional or Heat Pump Systems
- 2 or 3 Wire Hydronic Zone Systems

3220 - 3H / 2C

- Conventional Systems Up to 2H / 2C
- Heat Pump Systems with Up to Two Compressors and One Auxiliary Stage
- 2 or 3 Wire Hydronic Zone Systems



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

5970
Thermostat
Guard



**Accessories
Available –
See Page 15.**



PREMIER SERIES

Programmable Thermostats

5020 - 1H / 1C

5220 - 3H / 2C

5
Sq. In.
Display

**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™ 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



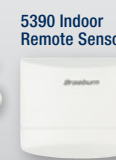
FREE
Contractor
Branding on
Quick Reference
Instruction Card.
See page 17.

5020 - 1H / 1C

- Single Stage Conventional or Heat Pump Systems
- 2 or 3 Wire Hydronic Zone Systems

5220 - 3H / 2C

- Conventional Systems Up to 2H / 2C
- Heat Pump Systems with Up to Two Compressors and One Auxiliary Stage
- 2 or 3 Wire Hydronic Zone Systems



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

5970
Thermostat
Guard



**Accessories
Available –
See Page 15.**





PREMIER SERIES Programmable Touchscreen Thermostats

5310 - 1H / 1C

5320 - 4H / 2C

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™ Programming Mode
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 17.



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



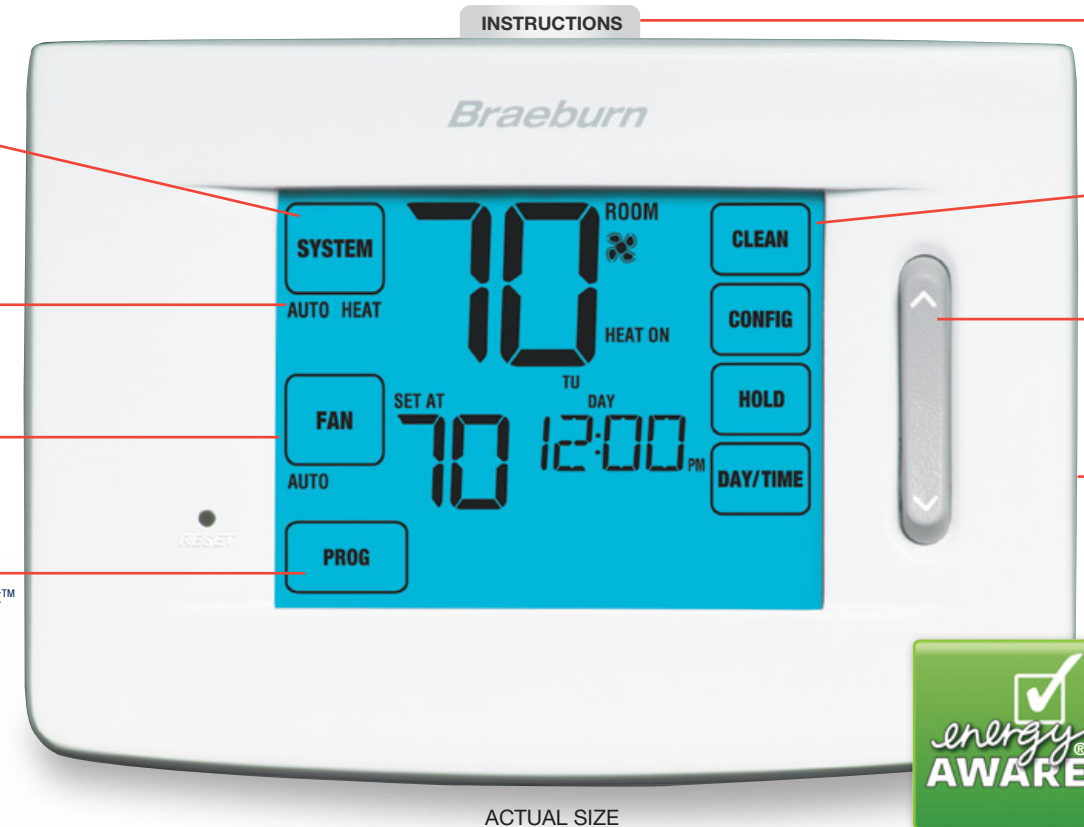
Accessories
Available –
See Page 15.

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

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

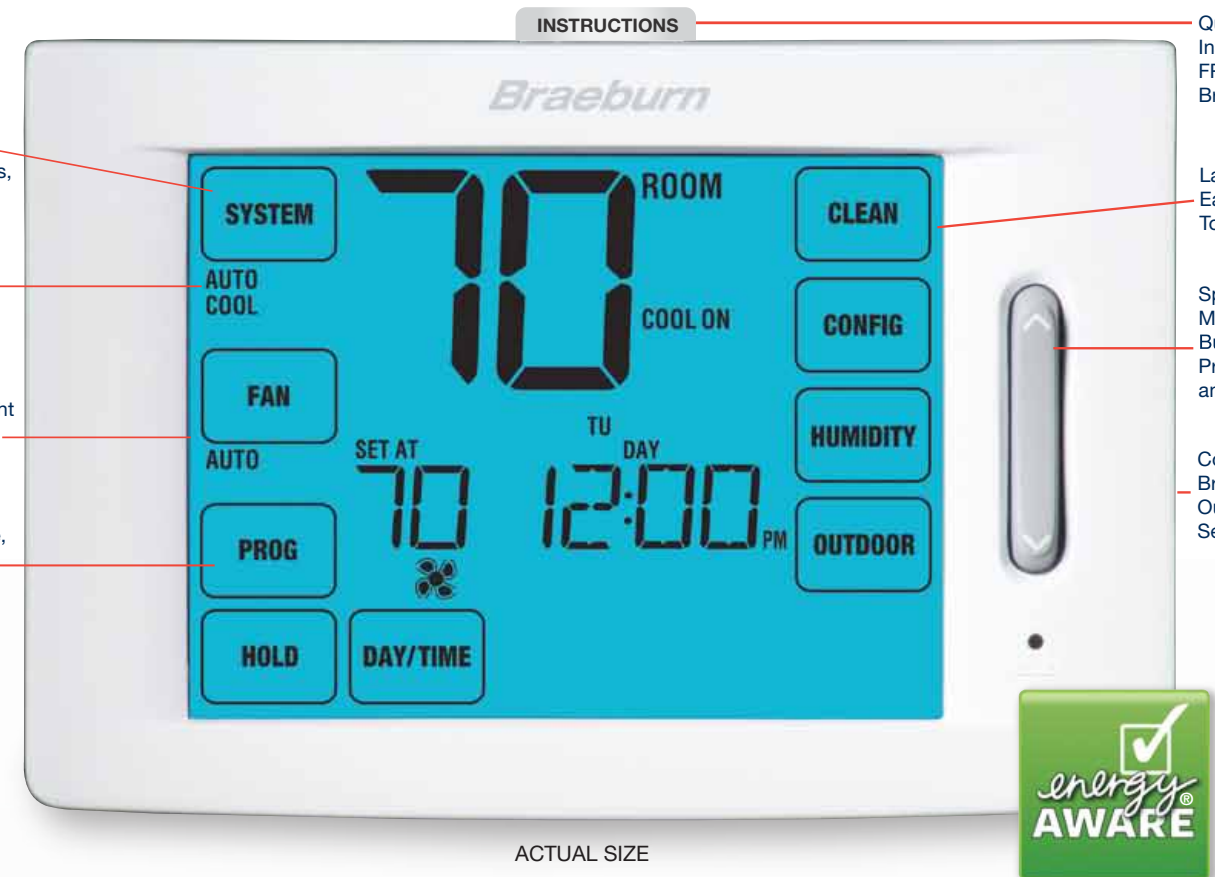
Large 12 Sq. In. Touchscreen with Oversized Characters
 Easier to view and change settings

SpeedSet™ Programming Mode
 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 17.



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
- 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



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 15.



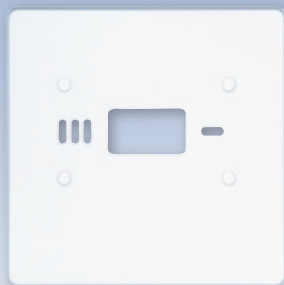
FREE Accessory with Thermostat Purchase!



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 120°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

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

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 charges¹.
- **Always Available** Conveniently stock labels or battery doors on trucks².
- **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.

Your Value Source for Indoor Comfort

Air Filtration

Braeburn Air Cleaners are the value solution to satisfy today's residential and light commercial air filtration needs. Six easy to install cabinets can replace over 35 competitive models.



Humidification

Braeburn Humidifiers offer an economical solution to whole house humidification! Choose from 12, 17 or 18 gallon bypass and fan powered humidifiers. All models include a manual or digital humidistat.



Zone Control

Braeburn Zoning Products feature the latest in zone control technology, and allow one panel to control virtually any system. Dampers are available in round, rectangular and retrofit.



Ask your Braeburn sales team for more information and catalogs.

Energy Aware®

Your assurance of accurate, comfortable temperature control in an energy efficient programmable thermostat. Founded by NEMA®, Honeywell®, White Rodgers® and Braeburn®, Energy Aware is a certification and labeling program for high-performance programmable thermostats for residential use. Visit www.getenergyaware.com for more information. Only programmable thermostats that meet the energy efficiency requirements in NEMA DC-3 Annex A qualify for the ENERGY AWARE label.

RoHS - Restriction of Hazardous Substances

Primarily focused on lead removal, all Braeburn products featured with the RoHS logo are safe from: Cadmium, Chromium VI, Lead, Mercury, PBB and PBDE (flame retardants)

Braeburn Systems LLC

Your value source for indoor comfort products. Visit www.braeburnonline.com to download manuals and specifications for the entire Braeburn product line.

NOTES

All trademarks are the property of their respective owners.

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***

www.getenergyaware.com

Toll-Free 866.268.5599 (U.S.) +1.630.844.1968 (Outside the U.S.)
Fax 866.268.8897 • www.braeburnonline.com

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