The brighter choice



Thermostats



Table of Contents

Builder Series - Value Models 500 / 505 megaswitch Mechanical	3
Builder Series 1020NC / 1025NC / 1220NC Non-Programmable 2020NC / 2220NC Programmable	
Economy Series 1020 / 1220 Non-Programmable 2020 / 2220 Programmable	
Premier Series	
3020 / 3220 Non-Programmable	9
5020 / 5220 Programmable 1	0
Premier Series Touchscreen 5310 / 532011-1	2
Deluxe Series Touchscreen	
6100 / 6300 / 640013-1	4
Smart Wi-Fi Universal Thermostat 7320	6
Universal Wireless Thermostat Kit	
750017-18	8
Accessories	
Thermostat Features	
FREE Contractor Branding	2



BUILDER SERIES

Mechanical Thermostats

500 - 1H / 1C

505 - Heat Only

mecaswitch 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 22.

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 21.





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 0 & 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 22.

ABC Heating & Cooling or Service Call 800-555-1234

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 21.



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 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 0 & B Terminals
- Auxiliary Heat Status Indicator (2200NC)
- Front Access Reset Button
- Filter Check Monitor
- Low Battery Indicator
- F° / C° Switch
- English / Spanish Packaging and Instructions

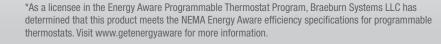
FREE Contractor Branding on Battery Doors. See page 22.

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











BUILDER **SERIES**

Non-Programmable Thermostats

1020NC - 1H / 1C

1025NC - Heat Only

1220NC - 2H / 1C

Braeburn COOL OFF HEAT HOLD RETURN DAY/TIME 2 Sq. In. Display

BUILDER **SERIES**

Programmable Thermostats

2020NC - 1H / 1C

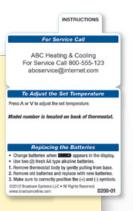
2220NC - 2H / 1C

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

1020NC/1025NC/ 1220NC Features

- · Large 2 Sq. In. Display with **Bright Blue Backlight**
- Adjustable Temperature Limits
- Hardwire or Battery Powered
- Permanent Memory Retains Settings
- Separate 0 & 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 22.

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 21.

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

2020NC/2220NC Features • Low Battery Indicator

- 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™)

- 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

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





FREE

Contractor

Branding on

See page 22.

Quick Reference

Instruction Card.

Accessories Available-See Page 21.





ECONOMY SERIES

Non-Programmable **Thermostats**

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 0 & 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

ABC Heating & Cooling For Service Call 800-555-123

Contractor Branding on Quick Reference Instruction Card. See page 22.

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 21.

COOL OFF HEAT 3 Sq. In. Display

Braeburn

ECONOMY SERIES

Universal **Programmable Thermostats**

2020 - 1H / 1C

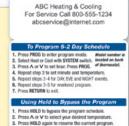
2220 - 2H / 2C

Large 3 sq. in. display with one button programming

2020/2220 Features

- 7 Day, 5-2 Day or Non-Programmable
- 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



FREE Contractor Branding on Quick Reference Instruction Card. See page 22.

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 21.





PREMIER **SERIES**

Non-Programmable Thermostats

3020 - 1H / 1C 3220 - 3H / 2C

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

3220 - 3H / 2C

- Conventional Systems Up to 2H / 2C

- Heat Pump Systems with Up to Two

- 2 or 3 Wire Hydronic Zone Systems

Compressors and One Auxiliary Stage



FREE Contractor Branding on Quick Reference Instruction Card. See page 22.

3020 - 1H / 1C

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









- Millivolt Systems

5970 Thermostat Guard itractors! Buy a 3020 oi 20 thermostat and get a REE Braeburn thermostat

Accessories Available -See Page 21.

Braeburn 5 DAY/TIME PROG HOLD RETURN Sq. In. Display

PREMIER SERIES

Universal **Programmable Thermostats**

5020 - 1H / 1C 5220 - 3H / 2C

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



FREE Contractor Branding on Quick Reference Instruction Card. See page 22.

5020 - 1H / 1C

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





Contractors! Buy a 5020 or 220 thermostat and get a FREE Braeburn thermostat guard or remote sensor.







PREMIER **SERIES**

Universal **Programmable Thermostats**

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® Programming Mode Quickly program all 7 days

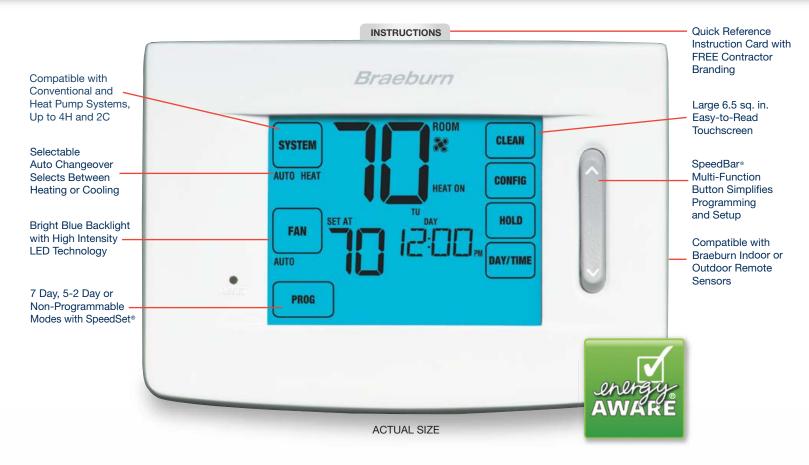
Quick Reference Instruction Card

User instructions with FREE Contractor Branding



Contractor Branding on Quick Reference Instruction Card. See page 22.





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)
- Separate User and Installer Reset Buttons
 - Residential and Commercial Modes

Adjustable Temperature Limits

Multi-Level Keypad Lockout

 Auxiliary Heat Fossil Fuel Option and Adjustable Balance Points (5320)

Indoor or Outdoor Remote Sensing

 English / Spanish Packaging and Instructions







DELUXE SERIES

Universal **Programmable 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.



Large 12 Sq. In. Touchscreen with **Oversized Characters**

Easier to view and change settings

SpeedSet® Programming Mode Quickly program all 7 days

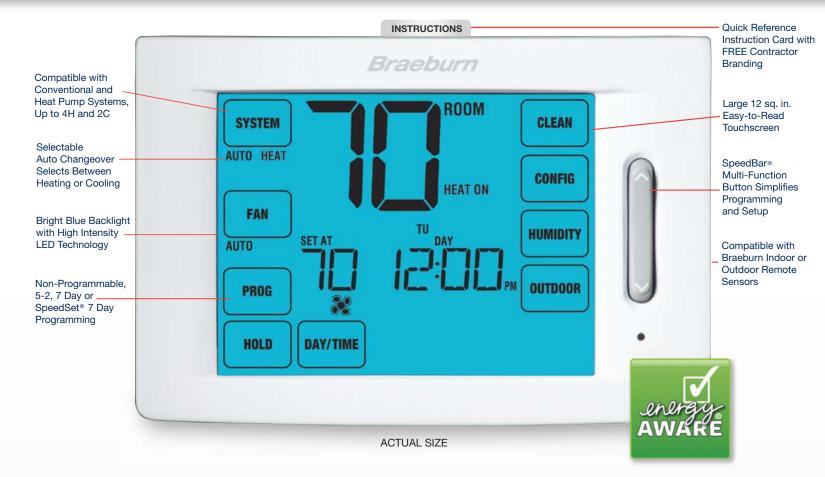
Quick Reference Instruction Card

User instructions with FREE Contractor Branding



FREE Contractor Branding on Quick Reference Instruction Card. See page 22.





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





aeburn thermostat guard or note sensor. Visit www.braebur

Braeburn.



All the Features of our Premier Touchscreen with the Added Benefits of Wi-Fi Control

Thermostat Features

- 7 Day, 5-2 Day or Non-Programmable
- Large 6.5 Sq. In. Easy-Read Touchscreen
- Auto or Manual Changeover
- Residential or Commercial Modes
- Adjustable Temperature Limits
- Wireless or Wired Remote Sensing
- Auxiliary Heat Fossil Fuel Option
- Hardwire or Battery Powered*
- Humidification and Dehumidification Control with 7330 Wireless Sensor
- Auxiliary "A" Terminal for Economizer, Fresh Air or Output Control

Application Features

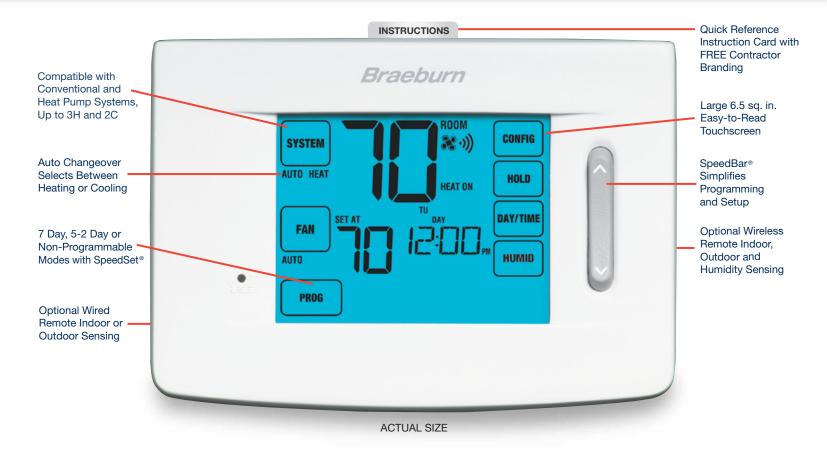
- Compatible with Virtually All Smartphones, Tablets or PC's
- Multi-Color Program Groups Simplify Scheduling
- Text and E-Mail Service and Temperature Alerts
- QuickCopy™ Allows User to Duplicate Program and Configuration to Other Thermostats
- Monitor and Control Multiple Thermostats
- View Outdoor Temperature**
- Adjust and View Indoor Humidity**
- Easy Access Dealer Information
- Help Screens Guide User Through Application
- BlueLink SmartData[™] Energy Report Capability (Fall 2015)

*Common "C" wire required to use Wi-Fi. **Optional sensor required.

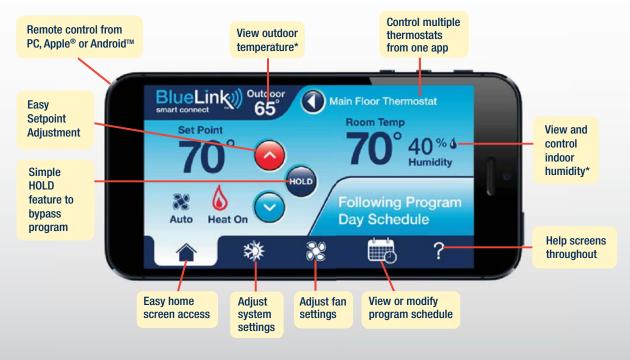
BlueLink
smart connect







Get the FREE BlueLink Smart Connect™App



*Optional remote sensor required.

Accessories

Pages 19, 21.



Complete Kit to Add or Relocate a Thermostat

Thermostat Features

- 7 Day, 5-2 Day or Non-Programmable
- Large 5 Sq. In. Backlit Display
- Auto or Manual Changeover
- Residential or Commercial Modes
- Battery Operated for Total Installation Flexibility
- Compatible with 2 or 3 Wire Hydronic **Zone Systems**
- Auxiliary Heat Fossil Fuel Option
- Programmable Fan Control
- R and C Terminals for Optional 24 Volt Operation
- Adjustable Temperature Limits
- Multi-Level Keypad Lockout
- Quick Reference Instruction Card

Wireless Features

- Superior Wireless Range
- Battery Life Exceeds Virtually All Competitive Models
- Includes Return Air Sensor for Default Temperature Control Even if Batteries are Drained
- . Connect up to 4 Optional Wireless Indoor Sensors for Remote Temperature Sensing*
- Optional Wireless Outdoor Sensing for Outdoor Temperature Display or Balance Point Control*
- Optional Wireless Humidity Plenum Sensor for Whole-House Humidification Control*
- Affordable Solution for Most Thermostat Applications



Total Installation Flexibility





Accessories Available – See Pages 19, 21.

* Up to 4 wireless Sensors can be connected - see Installer Guide.

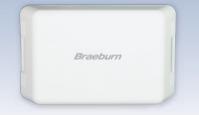












Wireless Remote Sensors and Accessories

7390 Wireless Remote Indoor Sensor

- Sense temperature at remote location or combine with thermostat
- Up to 4 wireless remote indoor sensors can be connected*
- Front LED light shows sensor status
- Requires 2 "AA" Alkaline batteries (included)

7490 Wireless Remote Outdoor Sensor

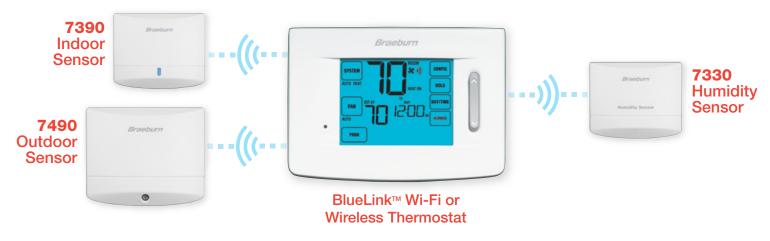
- Display outdoor temperature
- Use for heat pump balance point control
- 1 wireless remote outdoor sensor can be connected*
- Requires 2 "AA" Lithium batteries (included)

7330 Wireless Remote Humidity Sensor

- Controls humidifier or dehumidifier
- · Mounts directly to return air plenum
- 1 wireless remote humidity sensor can be connected*
- 24 VAC Powered

7340 Share-a-Wire™ Module

- For use with BlueLink Smart Connect™ Wi-Fi Thermostats
- Provides a common "c wire" connection on a 4 wire system



*A maximum of 4 wireless sensors can be connected.

FREE Accessory with Thermostat Purchase!





Additional Accessories



Accessories

Contractors! Buy a 3020, 3220, 5020, 5220, 5310, 5320, 6100, 6300 or 6400 thermostat and get a FREE thermostat guard or wired remote sensor.*

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
- 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

^{*}Visit www.braeburnonline.com for details.

FREE Contractor Branding and Online Ordering







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 trucks².

No Minimum Order
 Purchase the thermostats you need for

every job.

• Lower Inventory Costs No minimum thermostat purchase required.

U.S. Patent 7,438,469.

¹ Text only. Excludes logo requests.

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

Your Value Source for Indoor Comfort

Zone Controls

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.





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.

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.



Ask your Braeburn sales team for more information and catalogs.



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.



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