

# The brighter choice





Braeburn.

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Braeburn

Teor 70-

Braeburn

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

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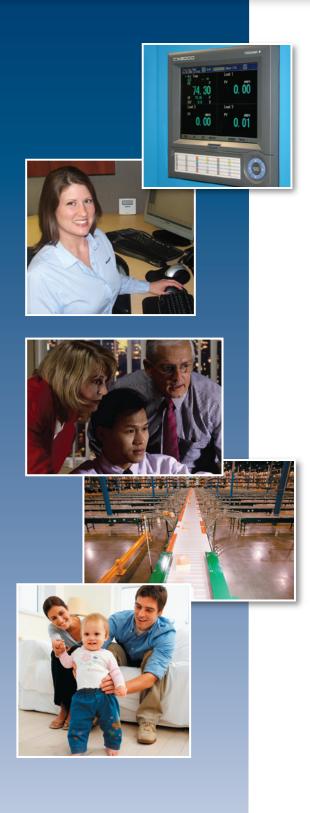
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	<b>FREE Contractor</b>	<b>Branding</b>	
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### Dear Customer,

Welcome to Braeburn. We're one of the fastest growing new wholesale thermostat manufacturers in North America. Our dedicated team of specialists provide digital electronic and electro-mechanical thermostats, humidifiers, zoning systems, air filtration and related accessories for installation by professional contractors worldwide. Braeburn products are available to contractors via our global network of HVACR distributors.

Founded in 2001, our corporate headquarters are located in Montgomery, Illinois — just west of Chicago. This facility is the central hub for all of our customer service and various business activities. Braeburn products are stored and shipped to all of our customers around the globe from UPS Supply Chain Solutions modern distribution and logistics center in Louisville, Kentucky.

At Braeburn, we're 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. And, our "Quality by Design" product philosophy focuses on core engineering, manufacturing and reliability testing processes to ensure you receive the product quality you can count on with every job! And our customers aren't the only ones to take notice. Braeburn Systems was a recent recipient of the renowned Frost & Sullivan Award for Growth Strategy Leadership in the North American Thermostats Market.

From our original Premier Series to our economical Builder Series, we provide 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 climate controls.

un Moore

Glenn A. Moore President / CEO





## **500 Series**

Braeburn's megaswitch<sup>®</sup> mechanical thermostats are designed to be the perfect mercury-free alternative to mercury-bulb thermostats. Our innovative megaswitch® magnetic switching technology provides a switch life of over 25 years-more durable than virtually any nonmercury residential mechanical thermostat available at the same cost. The Braeburn heavy duty heat anticipator construction, ball-type system and fan switches, and electro-plated front mounted wiring terminals provide the durability and reliability needed for years of trouble-free service on any residential application.

Now you can provide an affordable replacement for virtually any mercury-bulb thermostat without compromise. Our mechanical thermostat design provides the performance and accuracy your customers require on every job!





megaswitch<sup>®</sup> **Magnetic Switch Technology** 





# **500 Series**

- Over 25 Year Switch Life
- Heavy Duty Ball-Type System and Fan Switches
- Environmentally Safe Mercury-Free
- Front Mounted Wiring Terminals



Inside of Model 500 Shown



## **Common Features**

### megaswitch<sup>®</sup> magnetic switch technology

- Integrated Sub-Base for Easy Installation
- Electro-Plated Wiring Terminals to Prevent Corrosion
- No Leveling Required During Installation

### 500

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

### 505

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

### 507

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

Universal Thermostat Guard Available—See Page 15. U.S. Patent D534,088 and other patents pending.

Mechanical www.braeburnonline.com





## **1000 Series**

Braeburn 1000 Series non-programmable thermostats provide an economical temperature control solution in a contemporary small package. The bright blue backlight allows easy viewing, especially under low light conditions. And adjustable temperature limits\* give property owners a way to control temperature adjustment.

The 1000 Series provides an economical digital alternative to mechanical thermostats used in residential new construction. Whether it's a large tract project, semi-custom or custom home, builders and property owners want to offer their customers a reliable, attractive digital thermostat that provides increased accuracy and comfort.

### 1000

- Single Stage Conventional or Heat Pump Systems
- 24 Volt AC Gas, Oil, Electric and Millivolt Compatible
- Designer Cover with Quick Reference User Instructions
- Non-Volatile Memory Retains User Settings
- Separate 0 & B Terminals
- 5 Year Limited Warranty

### **1000NC** Economy Version

- Single Stage Conventional or Heat Pump Systems
- 24 Volt AC Gas. Oil. Electric and Millivolt Compatible
- Non-Volatile Memory Retains User Settings
- Separate O & B Terminals
- Adiustable Temperature Limits



# 1000 Series

Display Quick Reference

Setting Temperature Differential 1. Press and hold A and V buttons together for a few

2. Press ∧or ∨ to set

Display will turn to normal in seconds after adjustment.

Review Set Temperature

1. Press and hold Aor V button. SET temperature is displayed.

2. Release A or Voutton to

HEAT

COOL OFF SET D1

Heat Mode Cool Mode System is off Set Differential

Low Battery



- Adjustable Temperature Limits\*
- Large Display with Bright Blue Backlight
- Compressor Short Cycle Protection
- Dual Powered-Hardwired or Battery\*
- Separate Heating and Cooling Set Point Temperatures

For user manual or additional information see www.braeburnonline.con





Builder Series Toll-Free 866.268.5599 (U.S.) +1.630.844.1968 (Outside the U.S.)

- Braeburn. Model 1000 Non-Programmable Single Stage Heat/Cool Digital Thermostat Change Set Temperature . Press and hold A or V button. 2. Display will flash once. Press or v to adjust Display will return to normal in seconds.
- Braeburn Systems LLC Montgomery, IL 60538

Model 1000

- Easy Access Front Battery Door
- ESD Guard<sup>™</sup> Electronic Circuitry
- Front Access Reset Button
- Adjustable Temperature Differentials

### 1005

- Single Stage Conventional Heat Only or Cool Only
- 24 Volt AC Gas. Oil. Electric and Millivolt Compatible
- Designer Cover with Quick Reference User Instructions
- Battery Powered
- Low Battery Indicator
- 5 Year Limited Warranty

### **1005NC** Economy Version

- Single Stage Conventional Heat Only or Cool Only
- 24 Volt AC Gas, Oil, Electric and Millivolt Compatible
- Battery Powered
- Low Battery Indicator

### 1200

- Multi-Stage Conventional or Heat Pump Systems Up to 2 Heat/1 Cool
- 24 Volt AC Gas, Oil, Electric and Millivolt Compatible
- Designer Cover with Quick Reference User Instructions
- Non-Volatile Memory Retains User Settings
- Separate O & B Terminals
- Auxiliary Heat Status Indicator
- Emergency Heat Switch
- 5 Year Limited Warranty

### **1200NC** Economy Version

- Multi-Stage Conventional or Heat Pump Systems Up to 2 Heat/1 Cool
- 24 Volt AC Gas. Oil. Electric and Millivolt Compatible
- Non-Volatile Memory Retains User Settings
- Separate O & B Terminals
- Auxiliary Heat Status Indicator
- Emergency Heat Switch

Universal Thermostat Guard Available—See Page 15. U.S. Patents D527,658; D530,633; 7,438,469 and other patents pending.

### Non-Programmable 6 www.braeburnonline.com



## **2000 Series**

Braeburn 2000 Series digital programmable thermostats provide an economical energy-saving solution. The 5 - 2 weekday/weekend programming is guick and easy with simple, one-button programming that allows the homeowner to make program. temperature or time changes without using complicated user manuals. These models are pre-programmed with a default energy-saving program that can be modified to meet the homeowner's daily schedule. The individual settings are stored in permanent memory. The 2000 Series also offers a filter check monitor, adjustable temperature differentials and adjustable temperature limits, allowing homeowners or property owners total control over their indoor air quality, energy savings and comfort.



# 2000 Series

Review Set Temperature 1. Press and hold A or Y button. SET is displayed 2. Release A or Y to

for a few seconds. 2. Display will Flash once. Press ∧ or ∨ to adjust. 3. Display will return to non or press RETURN.

Extended Hold Mode 1. Press HOLD to bypass the

2. Press HOLD again to resume

# **Common Features**

- Adjustable Temperature Limits
- 5 2 Weekday/Weekend Programming
- Large Display with Bright Blue Backlight
- Dual Powered-Hardwired or Battery
- Easy Access Front Battery Door
- Non-Volatile Memory Retains User Settings
- Filter Check Monitor
- Adaptive Recovery Mode (ARM<sup>™</sup>)
- Adjustable Temperature Differentials
- Setting Energy Saving Programs Setting Energy Saving Programs 1. Place system switch in the HEAT mode. 2. Press PROG, MORN of Weekday group is disp 3. Press A or v to change hour, press PROG. 4. Press A or v to change minute, press PROG. 7. MORN of the Weekend group is displayed. 8. Repeat steps 3-6 to set the Weekend progra itch in the COOL mode Prace system switch in the COOL mode.
   Repeat steps 2-8 for the COOL settings. Press PROG to skip program segments you 5. Press Aor V to change temperature, press PROG. peat steps 3 - 5 to set DAY, EVE and NIGHT. do not wish to change. NOTE: Select COOL or HEAT with system switch to view or change s Filter Check Monitor and Option Settings - see User Ma Braeburn. Model 2000 5-2 Day Programmable Single Stage Heat/Cool Digital Thermostat Temporary Program Override 1. Press and hold the ^ or ~

Braeburn Systems LLC Montgomery, IL 60538 For user manual or additional information see: www.braeburnonline.com



**Builder Series** Toll-Free 866.268.5599 (U.S.) +1.630.844.1968 (Outside the U.S.)



Model 2000

- Front Access Reset Button
- ESD Guard<sup>™</sup> Electronic Circuitry
- Separate 0 & B Terminals
- Separate Heating and Cooling Set Point Program Times/Temperatures
- Programmable Extended Hold Mode
- Compressor Short Cycle Protection
- Meets California Title 24 Guidelines

### 2000

- Single Stage Conventional or Heat Pump Systems
- 24 Volt AC Gas, Oil, Electric and Millivolt Compatible
- Designer Cover with Quick Reference User Instructions
- 5 Year Limited Warranty

### **2000NC** Economy Version

- Single Stage Conventional or Heat Pump Systems
- 24 Volt AC Gas, Oil, Electric and Millivolt Compatible

### 2200

- Multi-Stage Conventional or Heat Pump Systems Up to 2 Heat/1 Cool
- 24 Volt AC Gas. Oil. Electric and Millivolt Compatible
- Designer Cover with Quick Reference User Instructions
- Auxiliary Heat Status Indicator
- Emergency Heat Switch
- 5 Year Limited Warranty

### **2200NC** Economy Version

- Multi-Stage Conventional or Heat Pump Systems Up to 2 Heat/1 Cool
- 24 Volt AC Gas, Oil, Electric and Millivolt Compatible
- Auxiliary Heat Status Indicator
- Emergency Heat Switch

Universal Thermostat Guard Available—See Page 15. U.S. Patents D527,288; D531,527; 7,438,469 and other patents pending.

SYSTE

AUTO COOL

YEAR LIMITED WARRANTY

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Braeburn

AUTO



### **3000 Series Common Features**

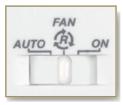
- Large Display with Bright Blue Backlight
- Designer Cover with Quick Reference User Instructions
- Dual Powered-Hardwired or Battery
- Recirculating Fan Mode
- Residual Cooling Fan Delay
- Separate Heating and Cooling Set Points
- Non-Volatile Memory Retains User Settings

1. Press	Set Temperature and hold A or V button. SET TEM	
	ect COOL or HEAT with system swite	on. ch to view or change cooling or heating s
	Set Temperature	
	and hold A or V button for a few se	conds.
2. Display	will flash once. Press A or V to ac	djust.
	will return to normal in seconds.	
		ch to view or change cooling or heating a
	itch Options	
	Fan runs when system running.	
Ð	Fan recirculates air at user selecta	able intervals - see user manual for set
ON	Fan runs continually.	
Keypad	Lock and Option Settings - see us	ser manual for details of operation.
Display	Quick Reference	Braeburn.
TEMP	Room Temp	Model 3200
TEMP	P Set Temp	Model 3200 Non-Programmabl
TEMP SET TEM HEAT	P Set Temp Heat Mode	Non-Programmabl
TEMP SET TEM HEAT	P Set Temp	Non-Programmabl Multi Stage 2 Heat
TEMP SET TEM HEAT COOL OFF	P Set Temp Heat Mode Cool Mode System is Off	Non-Programmabl Multi Stage 2 Heat
TEMP SET TEMI HEAT COOL OFF EM HEAT	P Set Temp Heat Mode Cool Mode System is Off Emergency Heat	Non-Programmabi Multi Stage 2 Heat Digital Heat Pump
TEMP SET TEMI HEAT COOL OFF EM HEAT	P Set Temp Heat Mode Cool Mode System is Off Emergency Heat First Stage	Non-Programmabi Multi Stage 2 Heat Digital Heat Pump
TEMP SET TEM HEAT COOL OFF EM HEAT SET D1	P Set Temp Heat Mode Cool Mode System is Off Emergency Heat First Stage Differential	Non-Programmabi Multi Stage 2 Heat Digital Heat Pump
TEMP SET TEMI HEAT COOL OFF EM HEAT	P Set Temp Heat Mode Cool Mode System is Off Emergency Heat First Stage Differential Second Stage	Non-Programmabi Multi Stage 2 Heat Digital Heat Pump Thermostat Braeburn Systems I
TEMP SET TEMI HEAT COOL OFF EM HEAT SET D1 SET D2	P Set Temp Heat Mode Cool Mode System is Off Emergency Heat Emergency Heat Differential Second Stage Differential	Non-Programmabi Multi Stage 2 Heat Digital Heat Pump Thermostat Braeburn Systems Montgomery, IL 605
TEMP SET TEMI HEAT COOL OFF EM HEAT SET D1 SET D2 SET FAN	P Set Temp Heat Mode Cool Mode System is Off Emergency Heat First Stage Differential Second Stage Differential Cooling Fan Delay	Non-Programmabi Multi Stage 2 Heat Digital Heat Pump Thermostat Braeburn Systems Monigomery, IL 605 For user manual or
TEMP SET TEMI HEAT COOL OFF EM HEAT SET D1 SET D2	P Set Temp Heat Mode Cool Mode System is Off Emergency Heat First Stage Differential Second Stage Differential Cooling Fan Delay	Non-Programmab Multi Stage 2 Heat Digital Heat Pump Thermostat Braeburn Systems Montgomery, IL 605



## **3000 Series**

Braeburn 3000 Series digital non-programmable thermostats are an economical, innovative solution to lower energy costs and provide additional comfort in any residential or light commercial application. The 3000 Series provides simple temperature control with the increased accuracy, comfort and reliability required by today's higher efficiency systems. Our unique recirculating fan mode, residual cooling fan delay and adjustable temperature differentials allow total control-increasing system efficiency and comfort. An innovative fossil fuel backup heat option helps save costs and reduces installation time on heat pump applications. And our newest model 3300 takes comfort control to the next level with features like auto changeover, remote sensor capability and adjustable temperature set point limits.



**Recirculating Fan Mode for** Independent Fan Operation



### Premier Series Toll-Free 866.268.5599 (U.S.) +1.630.844.1968 (Outside the U.S.)

Model 3300



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- Adjustable Temperature Differential
- Front Access Reset Button
- ESD Guard<sup>™</sup> Electronic Circuitry
- Keypad Lockout
- Easy Access Front Battery Door
- Compressor Short Cycle Protection
- Separate O & B Terminals
- Low Battery Indication

### 3000

- Single Stage Conventional or Heat Pump Systems
- 24 Volt AC Gas, Oil, Electric and Millivolt Compatible

### 3200

- Multi-Stage Conventional or Heat Pump Systems Up to 2 Heat / 2 Cool
- 24 Volt AC Gas, Oil, Electric and Millivolt Compatible
- Auxiliary Heat Fossil Fuel Option
- Auxiliary, Emergency and Check LCD Status Indicators

### 3300

- Multi-Stage Heat Pump Systems Up to 3 Heat / 2 Cool or Conventional Systems Up to 2 Heat / 2 Cool
- 24 Volt AC Gas, Oil, Electric and Millivolt Compatible
- Selectable Auto Changeover Mode
- Remote Indoor / Outdoor Sensor Compatible
- Adjustable Temperature Set Point Limits
- Filter, UV and Humidifier Pad Check Monitor
- Adjustable Compressor Balance Points
- Auxiliary Heat Fossil Fuel Option

Model 3200

Universal Thermostat Guard Available-See Page 15. U.S. Patents D524,663; D536,271; 7,156,317; 7,438,469.



# 8:00



YEAR LIMITED WARRANTY

Model 5200

looking for innovative solutions to lower energy costs and provide additional comfort in their homes. The simple one-button programming is easy to understand and allows the homeowner to change temperature settings or manually hold the current setting with the touch of a button. These models are pre-programmed with a default energy-saving program that can be modified to meet the homeowner's daily schedule. The individual settings are stored in permanent memory.



**5000 Series** 

Braeburn 5000 Series diaital programmable

thermostats are for homeowners and builders

**Recirculating Fan Mode for** Independent Fan Operation



# **5000 Series**



- Designer Cover with Quick Reference User Instructions
- Non-Volatile Memory Retains User Settings
- Dual Powered-Hardwired or Battery
- Recirculating Fan Mode
- Residual Cooling Fan Delay
- Filter Check Monitor
- Adaptive Recovery Mode (ARM™)
- Adjustable Temperature Differential





## **Common Features**

- ESD Guard<sup>™</sup> Electronic Circuitry
- Front Access Reset Button
- Keypad Lockout
- Programmable Extended Hold Mode
- Compressor Short Cycle Protection
- Separate O & B Terminals
- Easy Access Front Battery Door
- Separate Heating and Cooling Set Point Times/Temperatures
- Temporary Program Override for 4 Hours or Until Next Set Point
- Meets California Title 24 Guidelines

### 5000

- Single Stage Conventional or Heat Pump Systems
- 24 Volt AC Gas. Oil. Electric and Millivolt Compatible
- 5-2 Day or 7-Day Programmable

### 5200

- Multi-Stage Conventional or Heat Pump Systems Up to 2 Heat/2 Cool
- 24 Volt AC Gas, Oil, Electric and Millivolt Compatible
- Universal 5-2, 7-Day or Non-Programmable
- Compressor Power Outage Protection
- Auxiliary Heat Fossil Fuel Option
- Auxiliary, Emergency and Check LCD Status Indicators

## **Turn the Page to see our** 5300 / 5400 Universal **Auto Changeover Thermostats!**

Universal Thermostat Guard Available-See Page 15. U.S. Patents D525,154; D531,528; 7,156,317; 7,438,469.



### SYSTEM M AUTO ΔM 8:00 HEAT

Braeburn



## Universal **Auto Changeover Thermostats**

**5300** 3 Heat / 2 Cool

## 5400 3 Heat / 2 Cool with Humidity Control

Braeburn 5300 and 5400 Thermostats are the universal solution to any application. Need a Residential thermostat? You're covered. Is a Commercial thermostat your requirement? You decide. System and program modes are determined at installation, simplifying programming steps by automatically removing unnecessary menu options. And our flexible programming modes are designed to fit every application—the default energy saving 7 day mode, the simplified 5-2 day weekday-weekend mode, or for use as a non-programmable thermostat. Need more? The 5400 offers added comfort control with Humidification and Dehumidification features.



7 Dav/5-2 Dav Programming or Non-Programmable Mode Fits every application-the default energy-saving 7 day mode, the simplified 5-2 day weekday-weekend mode, or non-programmable mode.

### **Auto Humidification Control** 5400 only-controls humidification and

dehumidification by set point, or use the optional outdoor sensor to auto adjust by outdoor temperature.

### **Optional 5490 Outdoor Remote Sensor**

Senses the outdoor temperature and transmits the information to the Braeburn 5300 or 5400 thermostat for balance point and humidity control.

YSTEM M MORN Multi-Level Keypad Lockout Prevents accidental or undesired temperature or settings adjustment. **Selectable Auto Changeover Mode** SYSTEM Selects between the heating or cooling mode to provide optimal comfort.

NOTE: Select COOL or HEAT

with system button to view or

change separate cooling or heating set points.

Fan Switch Options AUTO Fan runs when system running. ON Fan runs continually. CIRC Fan recirculate air at user selectable intervals - see user

manual for settings PROG Fan runs

ammed time

**Dual Powered** Choose from hardwired or battery operation.

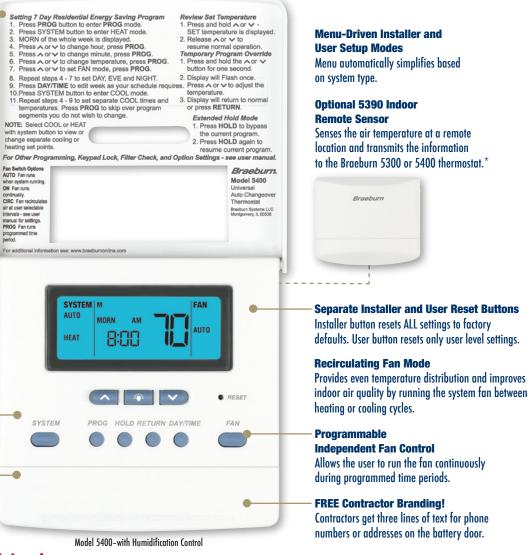
Features two levels of security.

Buy a 5300 or 5400 Thermostat and get a 5970 Thermostat Guard, a 5390 or a 5490 Remote Sensor FREE! Visit www.braeburnonline.com for details

Additional **Features** 

### Multi-Stage Heat Pump Syst or Conventional Systems U

- Compatible with 24 Volt AC Heat Pump or Millivolt Syst
- Dual Powered-Hardwired
- Two Outside Air Modes-Eco Time of Dav
- Programmable Humidificat with Fan Speed Control (Mo
- Selectable Adaptive Recove
- Adjustable Temperature Dif
- Filter, UV and Humidifier Pa



	* When installing a 5300 or 5400, the installer has the option of controlling the temperature sensing by using only the thermostat, only the remote sensor or combining the two.
stems Up to 3 Heat/2 Cool	Simple Menu-Driven Programming
Ip to 2 Heat/2 Cool	<ul> <li>Programmable Independent Fan Control</li> </ul>
C Gas, Oil, Electric,	Recirculating Fan Mode
stems	<ul> <li>ESD Guard<sup>™</sup> Electronic Circuitry</li> </ul>
or Battery	<ul> <li>Non-Volatile Memory Retains User Settings</li> </ul>
onomizer or	Compressor Short Cycle Protection and
	Power Outage Protection
tion and Dehumidification	<ul> <li>Programmable Extended Hold Mode</li> </ul>
lodel 5400)	<ul> <li>Programmable AC Power Monitoring</li> </ul>
ery Mode (ARM™)	Meets California Title 24 Guidelines
fferential for All Stages Pad Check Monitor	U.S. Patents D525,154; D531,528; 7,156,317; 7,438,469.

### www.braeburnonline.com

## **Accessories**



### **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

**Non-Programmable** 

### **2950 Universal Wall Plate**

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

## Product **Features**









Thermostats	1000	1000N	1005	1005N	1200	1200N	3000	3200	3300
Stages Heat / Cool	1/1	1/1	1	1	2/1	2/1	1/1	2/2	3/2
Conventional Gas, Oil, Electric Systems	Х	Х	Х	Х	Х	Х	Х	Х	Х
Heat Pump Systems	Х	Х			Х	Х	Х	Х	Х
Millivolt Compatible	Х	Х	Х	Х	Х	Х	Х	Х	Х
System Fan Option (Gas / Electric)	Х	Х	Х	Х	Х	Х	Х	Х	Х
Dual Power 24 VAC Hardwire or 2 "AA" Battery	Х	Х			Х	Х	Х	Х	Х
Non-Volatile Memory Retains User Settings	Х	Х			Х	Х	Х	Х	Х
Latching Relay System Outputs	Х	Х	Х	Х	Х	Х	Х	Х	Х
Quick-Connect Wiring Terminals	Х	Х	Х	Х	Х	Х	Х	Х	Х
Compressor Short-Cycle Protection	Х	Х	Х	Х	Х	Х	Х	Х	Х
Adjustable Temperature Differentials (All Stages)	Х	Х	Х	Х	Х	Х	Х	Х	Х
Large Display with Bright Blue Backlight	Х	Х	Х	Х	Х	Х	Х	Х	Х
Low Battery Indication	Х	Х	Х	Х	Х	Х	Х	Х	Х
Front User Reset Button	Х	Х	Х	Х	Х	Х	Х	Х	Х
Easy Access Front Battery Door	Х	Х	Х	Х	Х	Х	Х	Х	Х
*F/*C Option	Х	Х	Х	Х	Х	Х	Х	Х	Х
Interchangeable Sub-Base Design with Model	2000	2000NC			2200		5000	5200	
ESD Guard™ Electronic Circuitry	Х	Х	Х	Х	Х	Х	Х	Х	Х
Vertical / Horizontal Box Mounting Option	Н	Н	Н	Н	Н	Н	V/H	V/H	V/H
Adjustable Temperature Limits	Х	Х			Х	Х	Х	Х	Х
Recirculating Fan Mode							Х	Х	Х
Residual Cooling Fan Delay							Х	Х	Х
Keypad Lockout Option							Х	Х	Х
Auxiliary Heat Fossil Fuel Option								Х	Х
Menu-Driven Operational Test Mode									Х
Indoor / Outdoor Remote Sensor Option									Х
Auto Changeover Mode									Х





### **5390 Remote Indoor Sensor**

- Compatible with Braeburn 3300, 5300 and 5400 Thermostats
- Attractive Housing for Placement in Occupied Areas

### 5490 Remote Outdoor Sensor

- Mounts Outdoors up to 200 Feet Away
- Auto Detected by Braeburn Thermostats
- Compatible with Braeburn 3300, 5300 and 5400 Thermostats

### **5970 Universal Thermostat Guard**

Х

- Universal–Fits Thermostats up to 7.3"W x 5.25"H x 1.8"D
- Replaces Over 100 Competitive Models
- Tamper Resistant Design
- For New and Existing Thermostat Applications
- Strong Durable Clear Plastic

## **Product Features**

continued









Model 5000





Model 2000







Model 2000NC

Adjustable Heat Pump Balance Points



Thermostats         80         82         52         52         52         7.	Programmable		e		<b>U</b>				
Toy or 52 Day Programmable         52         52         52         52         7/52 <th>•</th> <th>8</th> <th>NOO</th> <th>8</th> <th>NOO</th> <th>8</th> <th>8</th> <th>8</th> <th>8</th>	•	8	NOO	8	NOO	8	8	8	8
universal 7 Day, 52 Day or Non-Prog. Configurable     X     X     X     X       Separate Heating/Cooling Time and Temp. Set Paints     4/4     4/4     4/4     4/4     4/4     4/4     4/4       Commercial Occupied/Unoccupied Set Points     X     X     X     X     X     X       Mates Califorini Title 42 Guidelines     X     X     X     X     X     X     X       Mates Califorini Title 42 Guidelines     X     X     X     X     X     X     X     X       Singer Hear Yong Statems     X     X     X     X     X     X     X     X       Singer Hear Yang Statems     X     X     X     X     X     X     X     X     X     X       Million Libertic Systems     X     X     X     X     X     X     X     X     X       System Fon Option Glaz-Cletentic)     X     <	monnostats	20	20	22	22	50	52	23	54
Separete Hening/Cooling Time and Temp. Set Points         4/4	7 Day or 5-2 Day Programmable	5-2	5-2	5-2	5-2	7/5-2	7/5-2	7/5-2	7/5-2
Commercial Occupied/Linoscupied Set Points         2/2         2/2         2/2         2/2         2/2           Meets Galfornia Title 24 Gaidelines         X	Universal 7 Day, 5-2 Day or Non-Prog. Configurable						Х	Х	Х
Meets California Tille 24 GuidelinesXXX <td>Separate Heating/Cooling Time and Temp. Set Points</td> <td>4/4</td> <td>4/4</td> <td>4/4</td> <td>4/4</td> <td>4/4</td> <td>4/4</td> <td>4/4</td> <td>4/4</td>	Separate Heating/Cooling Time and Temp. Set Points	4/4	4/4	4/4	4/4	4/4	4/4	4/4	4/4
Adaptive Recovery Mode (ARM <sup>M</sup> )       X	Commercial Occupied/Unoccupied Set Points							2/2	2/2
Suges Heat/Col         1/1         1/1         1/1         2/1         1/1         2/2         3/2         3/2           Conventional Gas, Oil, Electric Systems         X <td< td=""><td>Meets California Title 24 Guidelines</td><td>Х</td><td>Х</td><td>Х</td><td>Х</td><td>Х</td><td>Х</td><td>Х</td><td>X</td></td<>	Meets California Title 24 Guidelines	Х	Х	Х	Х	Х	Х	Х	X
Conventional Gas, Oil, Electric SystemsXXX<	Adaptive Recovery Mode (ARM <sup>TM</sup> )	Х	Х	Х	Х	Х	Х	Х	Х
Heel Pump SystemsXXX <td>Stages Heat/Cool</td> <td>1/1</td> <td>1/1</td> <td>2/1</td> <td>2/1</td> <td>1/1</td> <td>2/2</td> <td>3/2</td> <td>3/2</td>	Stages Heat/Cool	1/1	1/1	2/1	2/1	1/1	2/2	3/2	3/2
Millivol CompetibleXXX<	Conventional Gas, Oil, Electric Systems	Х	Х	Х	Х	Х	Х	Х	Х
System Fan Option (Ges/Electric)     X </td <td>Heat Pump Systems</td> <td>Х</td> <td>Х</td> <td>Х</td> <td>Х</td> <td>Х</td> <td>Х</td> <td>Х</td> <td>Х</td>	Heat Pump Systems	Х	Х	Х	Х	Х	Х	Х	Х
Dual Power 24 VAK Hardwire or 2 "AA" BotteryXX<	Millivolt Compatible	Х	Х	Х	Х	Х	Х	Х	Х
Non-Volotile Memory Retains User Settings     X	System Fan Option (Gas/Electric)	Х	Х	Х	Х	Х	Х	Х	Х
Latching Relay System OutputsXX<	Dual Power 24 VAC Hardwire or 2 "AA" Battery	Х	Х	Х	Х	Х	Х	Х	Х
Quick-Connert Wring Terminals       X <t< td=""><td>Non-Volatile Memory Retains User Settings</td><td>Х</td><td>Х</td><td>Х</td><td>Х</td><td>Х</td><td>Х</td><td>Х</td><td>Х</td></t<>	Non-Volatile Memory Retains User Settings	Х	Х	Х	Х	Х	Х	Х	Х
Compressor Short-Cycle ProtectionXXX <t< td=""><td>Latching Relay System Outputs</td><td>Х</td><td>Х</td><td>Х</td><td>Х</td><td>Х</td><td>Х</td><td>Х</td><td>Х</td></t<>	Latching Relay System Outputs	Х	Х	Х	Х	Х	Х	Х	Х
Adjustable Temperature Differentials (All Stages)       X	Quick-Connect Wiring Terminals	Х	Х	Х	Х	Х	Х	Х	Х
Linge Display with Bright Blue BacklightXXX	Compressor Short-Cycle Protection	Х	Х	Х	Х	Х	Х	Х	Х
Important Temperature Override       X       <	Adjustable Temperature Differentials (All Stages)	Х	Х	Х	Х	Х	Х	Х	Х
Temporary Temperature OverrideXX	Large Display with Bright Blue Backlight	Х	Х	Х	Х	Х	Х	Х	Х
Low Bottery IndicationXXXXXXXXFront User Reset ButtonXXXXXXXXFilter Check MonitorXXXXXXXXXFilter Check MonitorXXXXXXXXXXEasy Access Front Battery DoorXXX <td>· · · · · · · · · · · · · · · · · · ·</td> <td>Х</td> <td>Х</td> <td>Х</td> <td>Х</td> <td>Х</td> <td>Х</td> <td>Х</td> <td>Х</td>	· · · · · · · · · · · · · · · · · · ·	Х	Х	Х	Х	Х	Х	Х	Х
Front User Reset ButtonXXXXXXXXFilter Check MonitorXXXXXXXXXEasy Access Front Battery DoorXXXXXXXXXXEasy Access Front Battery DoorXX <td>Permanent and 24 Hour Hold Modes</td> <td>Х</td> <td>Х</td> <td>Х</td> <td>Х</td> <td>Х</td> <td>Х</td> <td>Х</td> <td>Х</td>	Permanent and 24 Hour Hold Modes	Х	Х	Х	Х	Х	Х	Х	Х
Filter Check MonitorXXXXXXXXXXEasy Access Front Battery DoorXXXXXXXXXXXEasy Access Front Battery DoorXX <td>Low Battery Indication</td> <td>Х</td> <td>Х</td> <td>Х</td> <td>Х</td> <td>Х</td> <td>Х</td> <td>Х</td> <td>х</td>	Low Battery Indication	Х	Х	Х	Х	Х	Х	Х	х
Filter Check MonitorXXXXXXXXXXEasy Access Front Battery DoorXXXXXXXXXXXEasy Access Front Battery DoorXX <td>Front User Reset Button</td> <td>Х</td> <td>Х</td> <td>Х</td> <td>Х</td> <td>Х</td> <td>Х</td> <td>Х</td> <td>Х</td>	Front User Reset Button	Х	Х	Х	Х	Х	Х	Х	Х
'F/'C Option       X       <	Filter Check Monitor			Х	Х	Х	Х		Х
Interchangeable Sub-Base Design with Model       1000       1000NC       1200       1200NC       3000       3200         ESD Guard <sup>™</sup> Electronic Circuitry       X       <	Easy Access Front Battery Door	Х	х	Х	Х	Х	Х	Х	х
Interchangeable Sub-Base Design with Model10001000NC12001200NC30003200ESD Guard™ Electronic CircuitryXXXXXXXXVertical / Horizontal Box Mounting OptionHHHHV/HV/HV/HV/HAdjustable Temperature LimitsXXXXXXXXXRecirculating Fan ModeXXXXXXXXResidual Cooling Fan DelayXXXXXXXKeypad Lockout OptionXXXXXXXCompressor Power Outage ProtectionXXXXXAL Power MonitorXXXXAuxiliary Heat Fossil Fuel OptionXXXAuto Changeover ModeXXXInstaller Set-Up Reset ButtonXXXIndoor / Outdoor Remote Sensor OptionXXXAdjustable Compressor Short Cycle ProtectionXXXAdjustable Temperature Override PeriodXXXAdjustable Temperature Override PeriodXXAdjustable Heat Pump Balance PointsXXHumidification ControlX <t< td=""><td>°F/°C Option</td><td>Х</td><td>X</td><td>х</td><td>X</td><td>x</td><td>х</td><td>х</td><td>x</td></t<>	°F/°C Option	Х	X	х	X	x	х	х	x
ESD GuardTM Electronic CircuitryXXX <th< td=""><td>Interchangeable Sub-Base Design with Model</td><td>1000</td><td>1000NC</td><td>1200</td><td></td><td></td><td>3200</td><td></td><td></td></th<>	Interchangeable Sub-Base Design with Model	1000	1000NC	1200			3200		
Vertical / Horizontal Box Mounting OptionHHHHHV/HV/HV/HV/HAdjustable Temperature LimitsXXXXXXXXXRecirculating Fan ModeXXXXXXXXXRecirculating Fan ModeXXXXXXXXXResidual Cooling Fan DelayXXXXXXXXResidual Cooling Fan DelayXXXXXXXKeypad Lockout OptionXXXXXXCompressor Power Outage ProtectionXXXXXAC Power MonitorXXXXXAuxiliary Heat Fossil Fuel OptionXXXXAuto Changeover ModeXXXXIndoor / Outdoor Remote Sensor OptionXXXMulti-Level Keypad LockoutXXXAdjustable Compressor Short Cycle ProtectionXXXFresh Air/Economizer ControlXXXAdjustable Temperature Override PeriodXXXHumidification ControlXXX								х	х
Adjustable Temperature LimitsXXXXXXXXRecirculating Fan ModeXXXXXXXResidual Cooling Fan DelayXXXXXXResidual Cooling Fan DelayXXXXXXKeypad Lockout OptionXXXXXXCompressor Power Outage ProtectionXXXXXAC Power MonitorXXXXXAuxiliary Heat Fossil Fuel OptionXXXXAuto Changeover ModeXXXXInstaller Set-Up Reset ButtonXXXIndoor / Outdoor Remote Sensor OptionXXXAdjustable Compressor Short Cycle ProtectionXXXAdjustable Temperature Override PeriodXXXAdjustable Temperature Override PeriodXXXHumidification ControlXXX	Vertical / Horizontal Box Mounting Option	Н							
Recirculating Fan ModeXXXXResidual Cooling Fan DelayXXXXKeypad Lockout OptionXXXXCompressor Power Outage ProtectionXXXXAC Power MonitorXXXXALC Power MonitorXXXXAuxiliary Heat Fossil Fuel OptionXXXXAuto Changeover ModeXXXXInstaller Set-Up Reset ButtonXXXXIndoor / Outdoor Remote Sensor OptionXXXMulti-Level Keypad LockoutXXXAdjustable Compressor Short Cycle ProtectionXXXAdjustable Temperature Override PeriodXXXAdjustable Heat Pump Balance PointsXXXDehumidification ControlXXX	Adjustable Temperature Limits				Х				
Keypad Lockout OptionXXXXCompressor Power Outage ProtectionXXXAC Power MonitorXXXALXXXXAuxiliary Heat Fossil Fuel OptionXXXAuto Changeover ModeXXXInstaller Set-Up Reset ButtonXXXIndoor / Outdoor Remote Sensor OptionXXXMulti-Level Keypad LockoutXXXAdjustable Compressor Short Cycle ProtectionXXXFresh Air/Economizer ControlXXXAdjustable Heat Pump Balance PointsXXXHumidification ControlXXX	Recirculating Fan Mode							Х	Х
Keypad Lockout OptionXXXXCompressor Power Outage ProtectionXXXAC Power MonitorXXXAL Power MonitorXXXAuxiliary Heat Fossil Fuel OptionXXXAuto Changeover ModeXXXInstaller Set-Up Reset ButtonXXXIndoor / Outdoor Remote Sensor OptionXXXMulti-Level Keypad LockoutXXXAdjustable Compressor Short Cycle ProtectionXXXFresh Air/Economizer ControlXXXAdjustable Heat Pump Balance PointsXXXHumidification ControlXXX	Residual Cooling Fan Delay					Х	Х	Х	Х
Compressor Power Outage ProtectionXXXAC Power MonitorXXXAC Power MonitorXXXAuxiliary Heat Fossil Fuel OptionXXXAuto Changeover ModeXXXInstaller Set-Up Reset ButtonXXXIndoor / Outdoor Remote Sensor OptionXXXMulti-Level Keypad LockoutXXXAdjustable Compressor Short Cycle ProtectionXXXFresh Air/Economizer ControlXXXAdjustable Heat Pump Balance PointsXXXHumidification ControlXXX	Keypad Lockout Option								
AC Power Monitor       X       X       X         Auxiliary Heat Fossil Fuel Option       X       X       X         Auxiliary Heat Fossil Fuel Option       X       X       X         Auto Changeover Mode       X       X       X         Installer Set-Up Reset Button       X       X       X         Indoor / Outdoor Remote Sensor Option       X       X       X         Multi-Level Keypad Lockout       X       X       X         Adjustable Compressor Short Cycle Protection       X       X       X         Fresh Air/Economizer Control       X       X       X         Adjustable Temperature Override Period       X       X       X         Adjustable Heat Pump Balance Points       X       X       X         Humidification Control       X       X       X	Compressor Power Outage Protection								
Auto Changeover Mode       X       X         Installer Set-Up Reset Button       X       X         Indoor / Outdoor Remote Sensor Option       X       X         Multi-Level Keypad Lockout       X       X         Adjustable Compressor Short Cycle Protection       X       X         Fresh Air/Economizer Control       X       X         Adjustable Temperature Override Period       X       X         Adjustable Heat Pump Balance Points       X       X         Humidification Control       X       X         Dehumidification Control       X       X	AC Power Monitor								
Installer Set-Up Reset Button       X       X         Indoor / Outdoor Remote Sensor Option       X       X         Multi-Level Keypad Lockout       X       X         Adjustable Compressor Short Cycle Protection       X       X         Fresh Air/Economizer Control       X       X         Adjustable Temperature Override Period       X       X         Adjustable Heat Pump Balance Points       X       X         Humidification Control       X       X         Dehumidification Control       X       X	Auxiliary Heat Fossil Fuel Option						Х	Х	
Installer Set-Up Reset Button       X       X         Indoor / Outdoor Remote Sensor Option       X       X         Multi-Level Keypad Lockout       X       X         Adjustable Compressor Short Cycle Protection       X       X         Fresh Air/Economizer Control       X       X         Adjustable Temperature Override Period       X       X         Adjustable Heat Pump Balance Points       X       X         Humidification Control       X       X         Dehumidification Control       X       X	Auto Changeover Mode							Х	Х
Indoor / Outdoor Remote Sensor Option       X       X         Multi-Level Keypad Lockout       X       X         Adjustable Compressor Short Cycle Protection       X       X         Ar/Economizer Control       X       X         Adjustable Temperature Override Period       X       X         Adjustable Heat Pump Balance Points       X       X         Humidification Control       X       X         Dehumidification Control       X       X									
Multi-Level Keypad Lockout     X     X       Adjustable Compressor Short Cycle Protection     X     X       Fresh Air/Economizer Control     X     X       Adjustable Temperature Override Period     X     X       Adjustable Heat Pump Balance Points     X     X       Humidification Control     X     X       Dehumidification Control     X     X									
Adjustable Compressor Short Cycle Protection       X       X         Fresh Air/Economizer Control       X       X         Adjustable Temperature Override Period       X       X         Adjustable Heat Pump Balance Points       X       X         Humidification Control       X       X         Dehumidification Control       X       X									
Fresh Air/Economizer Control       X       X         Adjustable Temperature Override Period       X       X         Adjustable Heat Pump Balance Points       X       X         Humidification Control       X       X         Dehumidification Control       X       X									
Adjustable Temperature Override Period     X     X       Adjustable Heat Pump Balance Points     X     X       Humidification Control     X     X       Dehumidification Control     X     X									
Adjustable Heat Pump Balance Points     X     X       Humidification Control     X     X       Dehumidification Control     X     X	-								
Humidification Control     X       Dehumidification Control     X									
Dehumidification Control X									
	Dehumidification Fan Speed Control								X

Toll-Free 866.268.5599 (U.S.) +1.630.844.1968 (Outside the U.S.) Product Features 16

# **FREE Contractor Branding and Online Ordering**

- No Setup Fees
- No Separate Branding Charges
- Available on All Thermostats
- Advertise 24 Hours a Day



ee User Manua Sraeburn. lodel 5000 niversal Single Stage tat/Cool Digital



## **Contractor Branding Made Simple**

### In Other Words, it's FREE.

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.

### **Braeburn Digital Thermostats**

Our program allows your customers to permanently laser mark up to 3 lines of copy on the inside battery door of our digital thermostats. Many programs only allow contractors to print information on the exposed outside thermostat cover surfaces. This can diminish the thermostat's appearance to customers. With Braeburn, contractors can advertise their services while maintaining the quality appearance of the thermostat for the homeowner.

And instead of keeping an inventory of multiple thermostats, contractors can stock just two doors-one that fits all of our Builder models and one that fits all of our Premier models. It's that simple.

### Braeburn **mega**switch<sup>®</sup> Mechanical Thermostats

Our megaswitch mechanical thermostats can also be contractor branded with a highly durable, clear polyester label that is easily applied and permanently adheres to the thermostat. This clear label provides a seamless, low profile look for the homeowner, while allowing contractors to continuously advertise their services.

Contractor Branding has never been so simple - it's FREE, and ready to use on any job without the expense of carrying a huge inventory of thermostats! Visit www.braeburnonline.com to place an order.

# **Participation is Fast**, **Easy and FREE**





## **Participation is Quick and Easy...**

• To order, visit www.braeburnonline.com or call our customer service department at 1-866-268-8892.

• Contractors will receive 48 contractor branded doors or labels 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 doors or labels 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 Doors or Labels
- Always Available
- No Minimum Order
- Lower Inventory Costs

No set-up fees or separate branding charges<sup>1</sup>. Conveniently stock battery doors or labels on trucks<sup>2</sup>. Purchase the thermostats you need for every job. No minimum thermostat purchase required.

1 Text only. Excludes logo requests. 2 Battery Door No. 2990 fits all Builder Series digital thermostats. Battery Door No. 5990 fits all Premier Series thermostats. Label No. 590 fits all megaswitch® mechanical thermostat

U.S. Patent 7,438,469 and other patents pending.



Braeburn offers a wide variety of indoor air quality control products. From our cost effective thermostat line to our innovative zoning, humidification and air filtration products, we have a solution for any residential or light commercial application.



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