

Braeburn[®]

**Premier 5300/5400
Universal Auto Changeover
Digital Thermostats**



The brighter choice[®]

The 5300 and 5400

Universal Auto Changeover Digital Thermostats



7 Day/5-2 Day 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 for balance point and humidity control.

Multi-Level Keypad Lockout prevents accidental or undesired temperature or settings adjustment, featuring two levels of security.

Auto Changeover Mode selects between the heating or cooling mode to provide optimal comfort.

Dual Powered choose from hardwired or battery operated for added flexibility.

Recirculating Fan Mode provides even temperature distribution and improves indoor air quality by running the system fan between heating or cooling cycles.

Buy a 5300 or 5400 Thermostat and Get a FREE Product!

Details included with product purchase or visit braeburnonline.com.



Model 5400 - with Humidification Control

Setting 7 Day Residential Energy Saving Program

1. Press PROG button to enter PROG mode.
2. Press SYSTEM button to enter HEAT mode.
3. MORN of the whole week is displayed.
4. Press ▲ or ▼ to change hour, press PROG.
5. Press ▲ or ▼ to change minute, press PROG.
6. Press ▲ or ▼ to change temperature, press PROG.
7. Press ▲ or ▼ to set FAN mode, press PROG.
8. Repeat steps 4 - 7 to set DAY, EVE and NIGHT.
9. Press DAYTIME to edit week as your schedule requires.
10. Press SYSTEM button to enter COOL mode.
11. Repeat steps 4 - 9 to set separate COOL times and temperatures. Press PROG to skip over program segments you do not wish to change.

NOTE: Select COOL or HEAT with system button to view or change separate cooling or heating set points.

For Other Programming, Keypad Lock, Filter Check, and Option Settings - see user manual.

Fan Switch Options
 AUTO Fan runs when system turning ON
 ON Fan runs continually
 CIRC Fan recirculates air at user selectable intervals - see user manual for settings.
 PROG Fan runs programmed time period.

For additional information see: www.braeburnonline.com

Review Set Temperature

1. Press and hold ▲ or ▼ - SET temperature is displayed.
2. Release ▲ or ▼ to resume normal operation.

Temporary Program Override

1. Press and hold the ▲ or ▼ button for one second.
2. Display will Flash once.
3. Press ▲ or ▼ to adjust the temperature.
3. Display will return to normal or press RETURN.

Extended Hold Mode

1. Press HOLD to bypass the current program.
2. Press HOLD again to resume current program.

Braeburn Model 5400 Universal Auto Changeover Thermostat
 Braeburn Systems LLC
 Montgomery, IL 60538

Menu-Driven Installer and User Setup Modes

System modes are determined at installation, simplifying programming steps by automatically removing unnecessary menu options.

Optional 5390 Indoor Remote Sensor

senses the air temperature at a remote location and transmits the information to the Braeburn 5300 or 5400 thermostat.*



Installer Clear Button

located on inside of thermostat, this button resets ALL installer and user settings to the factory default settings.

User Reset Button

returns user options to default settings if previously programmed.

Programmable Independent Fan Control

allows the user to run the fan continuously during a selected time period.

FREE Contractor Branding!

Contractors get three lines of text on the battery door for phone numbers or addresses. Ask your local distributor or visit www.braeburnonline.com.

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.



* When installing a 5300 or 5400 thermostat, the installer has the option of controlling the temperature sensing by using only the thermostat, only the remote sensor or by averaging the two.

U.S. Patents D525,154; D531,528; 7,156,317; 7,438,469

Model 5300 and 5400 Universal Product Features

- Multi-Stage Heat Pump Systems Up to 3 Heat/2 Cool or Conventional Systems Up to 2 Heat/2 Cool
- Compatible with Gas, Oil, Electric, Heat Pump and Millivolt Systems
- 7 Day, 5-2 Day Programming or Non-Programmable
- Selectable Auto Changeover Mode
- Simple Menu-Driven Programming
- Dual Powered—Hardwired or Battery
- Residential or Commercial Program Modes
- Large Display with Bright Blue Backlight
- Non-Volatile Memory to Maintain User Settings
- Programmable Independent Fan Control
- Recirculating Fan Mode
- Multi-Level Keypad Lockout
- Selectable Adaptive Recovery Mode (ARM™)
- Separate Installer and User Setup Modes
- Temporary Program Override
- Adjustable Temperature Differential for All Stages
- Gas or Electric Fan Control
- ESD Guard™ Electronic Circuitry
- Residual Cooling Fan Delay
- Auxiliary Heat Fossil Fuel Option
- Compressor Short Cycle Protection
- Compressor Power Outage Protection
- Programmable AC Power Monitor
- Mounts to a Vertical or Horizontal Box
- Easy Access Front Battery Door
- Two Fresh Air Modes—Economizer or Time of Day
- Compatible with 5390 Indoor Sensor and 5490 Outdoor Sensor
- Adjustable Balance Points (Compressor and Aux Stages)
- Installer Adjustable Temperature Set Point Limits
- Filter, UV and Humidifier Pad Check Monitor
- Meets ENERGY STAR® and California Title 24 Guidelines

5400 Bonus Features

- Programmable Humidification Control
- Dehumidification with Fan Speed Control
- Automatic Humidity Control with Outdoor Sensor

Braeburn®

Braeburn Products



Braeburn offers a wide variety of thermostats and accessories. From our economical Builder Series to our innovative Premier Series, we have a solution for any residential or light commercial application.

Setting 7 Day Residential Energy Saving Program

1. Press **PROG** button to enter **PROG** mode.
2. Press **SYSTEM** button to enter **HEAT** mode.
3. **MORN** of the whole week is displayed.
4. Press **▲** or **▼** to change hour, press **PROG**.
5. Press **▲** or **▼** to change minutes, press **PROG**.
6. Press **▲** or **▼** to change temperature, press **PROG**.
7. Press **▲** or **▼** to set **FAN** mode, press **PROG**.
8. Repeat steps 4 - 7 to set **DAY**, **EVE** and **NIGHT**.
9. Press **DAYTIME** to edit week as your schedule requires.
10. Press **SYSTEM** button to enter **COOL** mode.
11. Repeat steps 4 - 9 to set separate **COOL** times and temperatures. Press **PROG** to skip over program segments you do not wish to change.

NOTE: Select **COOL** or **HEAT** with system button to view or change separate cooling or heating set points.

For Other Programming, Keypad Lock, Filter Check, and Option Settings - see user manual.

Fan Switch Options
AUTO Fan runs when system running.
ON Fan runs continually.
CRIC Fan retracts at all user selectable intervals - see user manual for settings.
PROG Fan runs programmed time period.

Review Set Temperature

1. Press and hold **▲** or **▼** - **SET** temperature is displayed.
2. Release **▲** or **▼** to resume normal operation.

Temporary Program Override

1. Press and hold the **▲** or **▼** button for one second.
2. Display will Flash once. Press **▲** or **▼** to adjust the temperature.
3. Display will return to normal or press **RETURN**.

Extended Hold Mode

1. Press **HOLD** to bypass the current program.
2. Press **HOLD** again to resume current program.

Braeburn®
Model S300
Universal
Auto Changer
Thermostat
Braeburn Systems LLC
Montgomery, IL 60538

For additional information see www.braeburnonline.com

SYSTEM M FAN
AUTO MORN AM 70 AUTO
HEAT 8:00

▲ ▼ ● RESET

SYSTEM PROG HOLD RETURN DAYTIME FAN

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AND ONLINE
ORDERING!

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Proud Recipient of the Frost & Sullivan 2006 North American Thermostats Growth Strategy Leadership of the Year Award

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