

Model 3300

Auto Changeover, Multi-Stage 3 Heat / 2 Cool
Conventional or Heat Pump Thermostat

Premier Series
Non-Programmable



Features

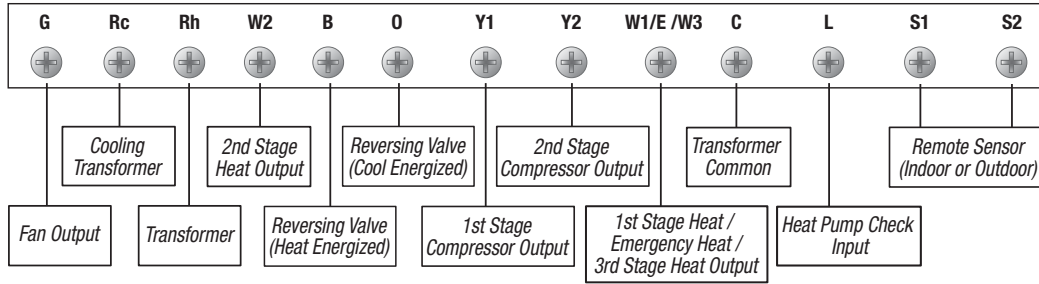
- Dual Powered—Hardwired or Battery
- Large Display with Bright Blue Backlight
- View Set Point and Temperature at the Same Time
- Menu-Driven Operational Test Mode
- Remote Indoor / Outdoor Sensor Compatible
- Adjustable Heat Pump Balance Points
- Simple Menu-Driven Programming
- Recirculating Fan Mode
- Residual Cooling Fan Delay
- Separate Heating and Cooling Set Points
- Adjustable Compressor Short Cycle Protection
- Auxiliary Heat Fossil Fuel Option
- Compressor Power Outage Protection
- Programmable AC Monitoring
- ESD Guard™ Electronic Circuitry
- Easy Access Front Battery Door
- Compressor Power Outage Protection
- Mount to Horizontal or Vertical Box
- Adjustable Temperature Set Point Limits
- Separate O & B Terminals
- Multi-Level Keypad Lockout
- Separate Installer and User Setup Modes
- Non-Volatile Memory to Maintain User Settings
- Filter, UV and Humidifier Pad Check Monitor

The
brighter
choice®



Braeburn®

Model 3300 Terminal Designations



Architectural Specifications

The digital non-programmable, auto changeover thermostat shall be a Braeburn®, model number 3300, 4.63" high x 5.00" wide x 1.20" deep, powered with either 24 Volt AC or with two "AA" Alkaline batteries (3.0 Volt DC). In the event of a power failure, the unit shall retain settings. The thermostat shall be compatible with low voltage single stage or multi-stage gas, oil, or electric heating or cooling systems, including heat pump systems with up to three stages of heating and two stages of cooling and 250mv – 750mv millivolt heating only systems. The thermostat shall have a bright blue backlight display, front loading battery door, separate sub-base and multi-level keypad lockout. Temperature control range shall be between 45° and 90° F (7° and 32° C), accuracy of +/- 1° F (+/- .5° C). The thermostat shall include separate installer and user setup modes, permanent non-volatile memory to retain user settings, filter, UV and humidifier pad check monitor, residual cooling fan delay, indoor or outdoor remote sensor capability, auxiliary heat fossil fuel programming, and compressor power outage protection. A front reset button will return user settings to default values when pressed. An installer reset button will return all settings to factory defaults. The thermostat can be mounted to a horizontal or vertical junction box.

Product Specifications

Dimensions:	4.63" x 5.00" x 1.20"
Electric Rating:	24 Volt AC (18-30 Volt AC) 1 amp maximum load per terminal 5 amp total maximum load (all terminals)
AC Power:	18-30 Volt AC
DC Power:	3.0 Volt DC (2 "AA" Alkaline batteries included)
Compatibility:	Single stage or Multi-stage heat / cool systems including heat pumps with up to three stages of heating and two stages of cooling. Three stage heat available on heat pump systems. 250mv – 750mv millivolt heating systems
Control Range:	45° to 90° F (7° to 32° C)
Display Range:	40° to 99° F (5° to 37° C)
Accuracy:	+/- 1° F (+/- .5° C)
Temperature Differential:	1st Stage - 0.2°, 0.5°, or 1°F (0.1°, 0.25°, or 0.5°C) 2nd and 3rd Stage - 1°, 2°, 3°, 4°, 5°, or 6°F (.5°, 1°, 1.5°, 2°, 2.5°, or 3°C)
Storage Temperature:	14° to 140°F (-10° to 60°C)
Operating Humidity:	5% to 95% Relative Humidity
Terminations:	G, Rc, Rh, W2, B, O, Y1, Y2, W1/E/W3, C, L, S1, S2

Shipping Information

INDIVIDUAL CARTON	MASTER CARTON
Dimensions: 5.25" x 5.88" x 2.00"	Quantity: 6
Weight: .84 lbs.	Dimensions: 6.25" x 11.75" x 6.25"
	Cubic Feet: .26
	Weight: 5.1 lbs.

Braeburn 3300 Replaces

Honeywell®	TH5320*, TH5220*
White-Rodgers®	IF83-277*
Robertshaw®	8425*, 9555*, 9560*, 300-201*, 300-202*, 300-203*, 300-207*, 300-208*, RS4220*, RS4320*
ICM®	SC2811*, SC4011*, SC4211*, SC4811*, SC4812*
LuxPro®	PSD122E*, PSDH121*

*Verify specific multi-stage heat pump application requirements.
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Accessories

2950 Universal Wall Plate (6.5" x 6.5" x .125")	5390 Remote Indoor Sensor
5970 Universal Thermostat Guard	5490 Remote Outdoor Sensor

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Visit our website (www.braeburnonline.com) for more information, contact your local distributor or call our sales department toll-free at 866.268.5599 (U.S.), +1.630.844.1968 (Outside the U.S.).

Date: _____
Job Name: _____
Location: _____
Contractor: _____

Engineer: _____
Model No.: _____
Submitted By: _____
Submitted For Approval: _____ **Record:** _____

Braeburn Systems LLC • 2215 Cornell Avenue • Montgomery, IL 60538 • Toll-Free 866.268.5599 (U.S.) +1.630.844.1968 (Outside the U.S.)