

Braeburn®

Model 5200

Universal Manual Changeover

Multi-Stage 2 Heat / 2 Cool Conventional or Heat Pump

Premier Series

Programmable or

Non-Programmable



Features

- Dual Powered—Hardwired or Battery
- 7 Day, 5-2 Day Programming or Non-Programmable
- Large Display with Bright Blue Backlight
- Non-Volatile Memory to Retains User Settings
- Recirculating Fan Mode
- Residual Cooling Fan Delay
- Filter Check Monitor
- Adaptive Recovery Mode (ARM™)
- Adjustable 1st and 2nd Stage Temperature Differential
- Auxiliary Heat Fossil Fuel Switch
- ESD Guard™ Electronic Circuitry
- Compressor Short Cycle Protection
- Compressor Power Outage Protection
- AC Power Monitor
- Separate Heating and Cooling Set Point Program Times and Temperatures
- Temporary Program Override for 4 Hours or Until Next Set Point
- Programmable Extended Hold Mode
- Three Level Low Battery Indication
- Front Access Reset Button
- F° / C° Switch
- Gas / Electric Fan Switch
- Mounts to Vertical or Horizontal Box
- Easy Access Front Battery Door
- Separate O & B Terminals
- Keypad Lockout
- Meets ENERGY STAR® and California Title 24 Guidelines

The
brighter
choice®

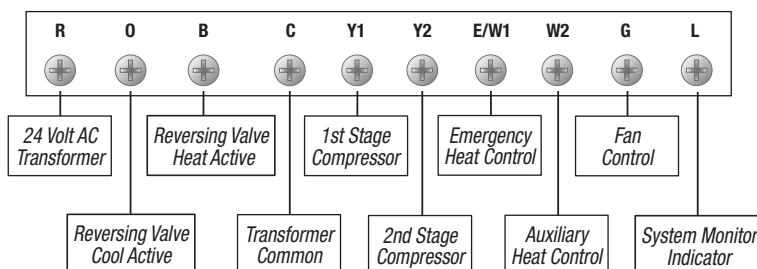


Premier Series

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Braeburn®

Model 5200 Terminal Designations



Architectural Specifications

The digital programmable thermostat shall be a Braeburn®, model number 5200, 4.63" high x 5.00" wide x 1.25" deep, powered independently with either 24 Volt AC or two "AA" Alkaline batteries (3.0 Volt DC). The thermostat shall be compatible with multi-stage conventional or heat pump systems with up to two stages of heating and two stages of cooling. The thermostat shall have a bright blue backlight display, front loading battery door, separate sub-base for trouble free installation and keypad lockout. Temperature control range shall be between 45° and 90° F (7° and 32° C), accuracy of +/- 1° F (+/- .5° C), humidity range between 5% and 95% relative humidity. The thermostat shall include non-volatile memory to retain user settings, filter check monitor, adaptive recovery mode (ARM™), separate heating and cooling set point program times and temperatures, programmable recirculating fan mode, residual cooling fan delay, auxiliary heat fossil fuel switch, and compressor power outage protection. Thermostat shall have three level low battery indication and a front reset button will return user settings to default values when pressed. The thermostat can be mounted to a horizontal or vertical junction box.

Product Specifications

Dimensions:	4.63" x 5.00" x 1.25"
Electric Rating:	24 Volt AC (18-30 Volt AC) 1 amp maximum load per terminal 3 amp total maximum load (all terminals)
AC Power:	18-30 Volt AC
DC Power:	3.0 Volts DC (2 "AA" Alkaline batteries included)
Compatibility:	Multi-stage conventional or heat pump systems with up to two stages of heating and two stages of cooling
Control Range:	45° to 90° F (7° to 32° C)
Display Range:	40° to 99° F (4° to 37° C)
Accuracy:	+/- 1° F (+/- .5° C)
Temperature Differential:	1st Stage - .5°, 1°, or 2° F (.25°, .5°, or 1° C) 2nd Stage - 2°, 3°, 4°, 5°, or 6° F (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:	R, O, B, C, Y1, Y2, E/W1, W2, G, L

Shipping Information

INDIVIDUAL CARTON	MASTER CARTON
Dimensions: 5.25" x 5.88" x 2.00"	Quantity: 6
Weight: .70 lbs.	Dimensions: 6.25" x 11.75" x 6.25"
	Cubic Feet: .26
	Weight: 4.2 lbs.

Braeburn 5200 Replaces

Honeywell®	TH6220*
White-Rodgers®	1F82-261*, 1F94-371*, 1F95-377*
Robertshaw®	RS5220*, RS6220*
ICM®	SC3201*, SC3801*, SC5211*, SC5811*
LuxPro®	PSD122E*, PSPA711*, PSPA722*, PSP722E*

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

2950 Universal Wall Plate (6.5" x 6.5" x .125")
5970 Universal Thermostat Guard

FREE Contractor Branding Available!

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.)