

Model 5200 Multi-Stage 2 Heat / 2 Cool Heat Pump

Premier Series Programmable



Features

- Universal 7 Day or 5-2 Day Programming
- Large Display with Bright Blue Backlight
- · AC Powered with Battery Back-Up
- Non-Volatile Memory to Maintain 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

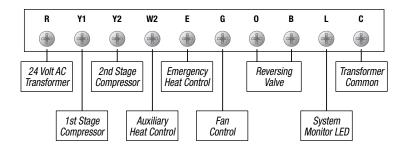
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- Separate Heating and Cooling Set Point Program Times and Temperatures
- Temporary Program Override for 4 Hours or Until Next Set Point
- Programmable Extended Hold Mode
- Front Access Reset Button
- F° / C° Switch
- Gas / Electric Fan Switch
- Mounts to Vertical or Horizontal Box
- Easy Access Front Battery Door
- Separate 0 & B Terminals
- Multi-Colored LED Status Indicators
- Keypad Lockout
- Meets ENERGY STAR[®] and California Title 24 Guidelines





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 by 24 Volt AC with two "AA" Alkaline batteries (3.0 Volt DC) to retain clock settings and universal 7 or 5-2 day switch selectable programming. The thermostat shall be compatible with multi-stage 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 (ARMTM), separate heating and cooling set point program times and temperatures, programmable recirculating fan mode, residual cooling fan delay, auxiliary heat fossil fuel switch, multi-colored LED status indicators and compressor power outage protection. 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

Contractor:

| Dimensions: | 4.63" x 5.00" x 1.25" | I |
|------------------------------|---|--------|
| Electric Rating: | 24 Volt AC (18-30 Volt AC) 1 amp maximum load per terminal 3 amp total maximum load (all terminals) | l N |
| AC Power: | 18-30 Volt AC | |
| DC Back-Up Power: | 3.0 Volts DC (2 "AA" Alkaline batteries included) | |
| Compatibility: | Multi-stage heat pump systems with up to two stages of heating and two stages of cooling | \ I |
| 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) | 2 |
| Temperature Differential: | 1st Stage5°, 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) | Ę |
| Storage Temperature: | 14° to 140° F (-10° to 60° C) | |
| Operating Humidity: | 5% to 95% Relative Humidity | |
| Interchangeable | | |
| Sub-Base: | Braeburn 3200 Non-Programmable 2 Heat / 2 Cool Heat Pump | N I |
| Terminations: | R, Y1, Y2, W2, E, G, O, B, L, C | |
| Date: | | _ |
| Job Name: | | |
| Location: | | (|
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Shipping Information

INDIVIDUAL CARTONDimensions:5.25" x 5.88" x 2.00"Weight:.70 lbs.

MASTER CARTONQuantity:6Dimensions:6.25" x 11.75" x 6.25"Cubic Feet:.26Weight:4.2 lbs.

Braeburn 5200 Replaces

Honeywell[®] White-Rodgers[®] Robertshaw[®] TH6220*, TH7220*, TH7320*, T8011R, TH8320* 1F82-261*, 1F94-371*, 1F95-377* 8625-1, 9620, 9720i* "Verify specific multi-stage heat pump application requirements. All trademarks are the property of their respective owners.

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. Only), 630-844-1968 (Outside the U.S.).

| Engineer: | |
|-------------------------------------|--|
| Model No.: | |
| Submitted By: | |
| Submitted For Approval: Record: | |