Braeburn®

Model 5200
Multi-Stage 2 Heat / 2 Cool Heat Pump
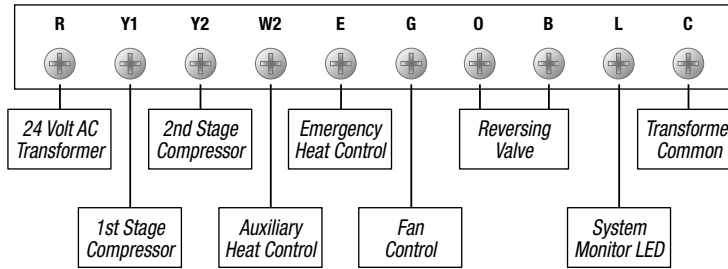
Premier Series
Programmable

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

- 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 O & B Terminals
- Multi-Colored LED Status Indicators
- Keypad Lockout
- Meets ENERGY STAR® and California Title 24 Guidelines

The brighter choice®

ENERGY STAR

5 YEAR LIMITED WARRANTY

Braeburn®

Terminal Designations

R	Y1	Y2	W2	E	G	O	B	L	C

- 24 Volt AC Transformer
- 2nd Stage Compressor
- Emergency Heat Control
- Reversing Valve
- Transformer Common

- 1st Stage Compressor
- Auxiliary Heat Control
- Fan Control
- System Monitor LED

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 (ARM™), 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

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 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
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
Interchangeable Sub-Base:	Braeburn 3200 Non-Programmable 2 Heat / 2 Cool Heat Pump
Terminations:	R, Y1, Y2, W2, E, G, O, B, L, C

Shipping Information

INDIVIDUAL CARTON
Dimensions: 5.25" x 5.88" x 2.00"
Weight: .70 lbs.

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

Braeburn 5200 Replaces

Honeywell®	TH6220*, TH7220*, TH7320*, T8011R, TH8320*
White-Rodgers®	1F82-261*, 1F94-371*, 1F95-377*
Robertshaw®	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.).

Date: _____

Job Name: _____

Location: _____

Contractor: _____

Engineer: _____

Model No.: _____

Submitted By: _____

Submitted For Approval: _____   Record: _____