

3-Zone Control Panel for Single Stage Conventional Systems (1H / 1C)

Braeburn Zone Control Panels

Featuring a compact 8"W x 10"H housing and a large 5.5 sq. in. backlit display for set-up, checkout and operation.

Quick and Easy Installation

Push-in terminal blocks lock in wires without a screwdriver. LED's indicate equipment and zone calls while the display keeps you up to date with panel operation. Plus, wire guides and a small footprint allow for a quick and professional installation.

Specifications

| | |
|---------------------|--|
| Panel Power | 6 VA maximum |
| System Power | 100 VA maximum, 50 VA maximum per zone |
| Protection | Electronic self resetting, current limiting on each zone |
| Zone Damper Control | Compatible with virtually all 24V powered and spring dampers |
| Indicators | LED's for all thermostats, equipment and dampers, LCD display for configuration |
| Configuration | Single Stage Conventional equipment (1H / 1C) |
| Terminals | Panel Power: 24V, 24C Equipment: Rh, Rc, Y, G, G2, W, C Thermostats (3 each): R, Y, W, G, C Dampers (3 each): PO, C, PC Supply Air Inputs: SA1, SA2 |

140311



Product Features and Benefits

- Controls up to 1 heating and 1 cooling stage
- Compatible with electric, gas and oil systems
- Can be used with virtually all conventional low-voltage thermostats and dampers from other manufacturers
- Large 5.5 sq. in. display shows system status
- LED's show all calls at a glance
- Push-in terminals for easy wiring—no screwdriver needed
- Push button set-up without dip switches
- High/Low Limit protection with optional supply air sensor

PREMIER SERIES

3-Zone Control Panel 140311

for Single Stage Conventional Systems (1H / 1C)

Architectural Specifications

The fully automatic zone panel shall be Braeburn model number 140311, 8.0"W x 10.2"H x 2.1"D, powered from 24 Volts AC. In the event of a power failure, the unit shall retain all configuration settings. The zone panel shall be compatible with low voltage mechanical or electronic thermostats and be capable of controlling up to one stage of heating and one stage of cooling. Wiring blocks with terminals R, W, Y, G and C shall be included for three thermostats. Equipment terminals Rh, Rc, Y, W, G, G2, and C shall be present along with three sets of damper terminals PO, C, and PC. Configuration options shall be available for 1st Stage Fan Control for Heating, G2 Staging, Fan Purge Time, Zone Priority, High Limit Lock, Low Limit Lock, Short Cycle Protection, Temperature Scale, Supply Air Sensor, Opposite Mode Call Timer, Address Clear. LED's (Light Emitting Diodes) shall be present to monitor Panel Power (1), Panel Processor (1), HVAC equipment terminals (7), three inputs for three thermostats (15), and outputs for three dampers (9). Provisions shall be available to display and adjust high and low temperature cut out and short cycle protection override. The panel shall have an operating temperature of -22 to 167°F (-30 to 75° C), and a storage temperature of -40 to 167°F (-40 to 75° C) with an operating humidity range of 5 to 95% RH non-condensing.

Specifications

| | |
|-------------------|--|
| Power | 24 VAC |
| Supply Air Sensor | Optional (Model 149156) |
| Indicators | LED's for all thermostats, equipment and dampers, LCD for configuration |
| Thermostat | 1H / 1C Conventional |
| Construction | PC Board in High Impact Housing |
| Mounting | Wall or Return Air Plenum Mount |
| Environmental | Storage -40° F to 167° F (-40° to 75° C) Operating -22° F to 167° F (-30° to 75° C) |

Zone Panels and Expanders

| Description | Item No. |
|-------------------------|----------|
| 2-Zone Economy 2H / 1C | 140202 |
| 3-Zone Economy 3H / 2C | 140303 |
| 2-Zone Premier 2H / 1C | 140221 |
| 3-Zone Premier 1H / 1C | 140311 |
| 3-Zone Premier 3H / 2C | 140332 |
| 4-Zone Premier 4H / 2C | 140404 |
| 2-Zone Premier Expander | 140424* |

* For use with 140404 Zone Panel.

The Braeburn Advantage

The Best Value in Zoning Today®

- Suitable for commercial and residential installation.
- Designed for years of trouble free operation.
- Fully compatible with Braeburn and other zoning system components.

Braeburn Thermostats and Accessories

From our Deluxe Series to our economical Builder Series, Braeburn has the products you need to lower energy costs and increase comfort in any home or business environment. Call Us Toll-Free 866.268.5599 (U.S.) +1.630.844.1968 (Outside the U.S.) www.braeburnonline.com

Dimensions

