

3 Zone Panel 140303 for Residential and Light Commercial Applications

Braeburn Zone Control Panels feature the latest in zone controls. Equipment and status are determined at a glance with the monitoring LEDs built into the panel. A supply air temperature sensor is included with each panel to provide constant control.

Quick and Easy Installation

Braeburn zone panels are designed with the features customers demand: easy installation, at-a-glance status, quick and reliable wiring terminals—all in an attractive compact panel. Braeburn, your best source for zoning.

Specifications

Panel Power	4 VA maximum (3.5 VA typical) for panel
System Power	4 VA (Zone Panel) + 1.0 VA per thermostat + damper requirements, not to exceed 35 VA
Protection	Electronic self resetting current limiting
Equipment	Relay driven 2A at 24 VAC
Zone Damper Control	Compatible with power open/power close, spring open/power close and spring close/power open dampers
Indicators (28)	Power OK, status, equipment Rh, Rc, Y1, Y2, G, G2, W1/E/W3, W2/O-B; emergency heat, thermostats 3X R, Y, G, W, dampers; closed or open
Switches	Non HP/HP, dual fuel no/yes, reversing valve B active/O active, fan control plenum/system, opposite mode call timer 20/15, 2nd stage lockout none/active, priority all/zone 1, second stage for 2 zones/2 stages.
Terminals	Rh, Rc, Y1, Y2, G, G2, W1/E/W3, W2/O-B, C, E-Heat, SA1, SA2 panel power (2) and R, Y, G, W, C, PO, C, PC for each zone
Settings	Large display for high temperature and low temperature cut-out, purge status, supply temperature

Braeburn Zone Control Systems



Product Features and Benefits

- Sleek, low profile design complements any system
- Suitable for residential and light commercial applications
- Can be used with conventional four or five wire thermostats
- LEDs indicate panel functionality
- Quick connect terminals speed installation and reliability
- Compatible with electric, gas, oil and heat pump equipment
- Controls 3 heating and 2 cooling stages
- Controls 2 or 3 zones
- Emergency heat switch with remote terminals for total heat pump control
- Fan purge into last calling zone for improved energy efficiency.

The
brighter
choice®

Braeburn Zone Control Systems 3 Zone Panel 140303, for Residential and Light Commercial Applications

Architectural Specifications

The fully automatic zone panel shall be Braeburn model number 140303 8.00" high x 8.00" wide x 1.25" deep, 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 4 or 5 wire mechanical or electronic thermostats and be capable of controlling up to three stages of heating and two stages of cooling. Wiring blocks with terminals R, Y, G, W, and C shall be included for three thermostat and one emergency heat position. Equipment terminals Rh, Rc, Y1, Y2, G, G2, W1/E/W3, W2/O-B, and C shall be present along with three sets of damper terminals PO, C, and PC. Configuration options shall be available for System Type- Heat Pump / Non-Heat Pump, Dual Fuel- Yes / No, Reversing Valve- B Active / O Active, Fan Control- Plenum / System, Opposite Mode Timer- 20 / 15 minutes, 2nd stage Lockout- None / Active, Zone Priority- All / Zone 1, and Second Stage Fan- 2 Zones / 2 Stages. LED's (Light Emitting Diodes) shall be present to monitor Panel Power (1), Panel Processor (1), Emergency heat (1), HVAC equipment terminals (8), Four inputs for three thermostats (12), and two outputs for three dampers (6). 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 -30 to 50° C, and a storage temperature of -40 to 65° C with an operating humidity range of 5 to 95% RH non-condensing.

Specifications

Power	24 VAC
Sensor	Supply Air
Indicators	1 LED Display, 29 LED Indicators
Construction	PC Board in High Impact Housing
Mounting	Wall or Return Air Plenum Mount
Environmental	Storage - 40° F to 150° F (-40° to 65° C) Operating - 20° F to 125° F (-30° to 50° C)

Zone Panel Selection

Description	Item No.
2 Zone 2H / 1C	140202
3 Zone 3H / 2C	140303

The Braeburn Advantage

The Best Value in Zoning Today™

- Suitable for light 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 Premier 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.

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