

## 2 Zone Panel 140202 for Residential and Light Commercial Applications

**Braeburn Zone Control Panels** feature the latest in zone controls. Our economical two zone panels deliver maximum value for all two zone applications. Equipment and status can be determined at a glance with the monitoring LEDs built into the panel. User economy is improved with built in features such as last zone purge and economical opposite mode calling.

### Quick and Easy Installation

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

## Braeburn Zone Control Systems



### Specifications

Panel Power	4 VA maximum (3.5 VA typical) for panel
System Power	4 VA (Zone Panel) + 1.0 VA per thermostat plus 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 (6)	Power OK, status, equipment Rh, Rc, Damper 1 PO, PC; Damper 2 PO, PC
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
Terminals	Rh, Rc, Y1, G, W1/E/W3, W2/O-B, C, E-Heat; panel power (2) and R, Y, G, W, C, PO, C, PC for each zone

### Product Features and Benefits

- Compact 6" x 6" foot print maintains system appearance
- Suitable for residential and light commercial applications
- Can be used with conventional four or five wire thermostats
- Quick connect terminals speed installation
- Compatible with electric, gas, oil and heat pump equipment
- Controls 2 heating and 1 cooling stage
- Emergency heat switch with remote terminals for total heat pump control
- Fan purge into last calling zone for improved energy efficiency
- The value choice in 2 zone panels

**ECONOMY SERIES**

The  
brighter  
choice®

## Braeburn Zone Control Systems

### 2 Zone Panel 140202

for Residential and Light Commercial Applications

#### Architectural Specifications

The fully automatic zone panel shall be Braeburn model number 140202 6.00" high x 6.00" 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 two stages of heating and one stage of cooling. Wiring blocks with terminals R, Y, G, W, and C shall be included for two thermostat and one emergency heat position. Equipment terminals Rh, Rc, Y, G, W1/E, W2/O-B, and C shall be present along with two 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, and Zone Priority- All / Zone 1. LEDs (Light Emitting Diodes) shall be present to monitor Panel Power (1), Panel Processor (1), HVAC equipment power (2), and outputs for two dampers (2). Provisions shall be available to disable short cycle protection. The panel shall have an operating temperature of 0 to 50° C, and a storage temperature of -10 to 60° C with an operating humidity range of 5 to 95% RH non-condensing.

#### Specifications

Power	24 VAC
Indicators	6 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° F 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 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.

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