

2 Zone Expander Panel 140424 for Residential and Commercial Applications

Braeburn Expansion Panels allow contractors to add to the 140404 zone panel in affordable 2 zone increments.

Quick and Easy Installation

Installs up to 500 ft. from main panel with 5 conductor thermostat wire. Push-in terminal blocks and built in wire guides help complete a neat and professional installation.

Specifications

Panel Power	3 VA maximum for panel
System Power	75 VA maximum 50 VA maximum per zone
Protection	Electronic self resetting current limiting per zone
Zone Damper Control	Compatible with virtually all 24 VAC powered and spring dampers
Indicators	LED's for all thermostats and dampers
Switches	4 position address switch
Thermostats	Conventional or heat pump
Terminals	Panel Power: 24V, 24C Thermostats (2 each): R, Y1, Y2, W1/E/AX1, W2/AX2, O/B/W3, G, L, C Dampers: (2 each): PO, C, PC Communication (2 each): COM1, COM2, GND, COM3, COM4

Braeburn Zone Control Systems



Product Features and Benefits

- Compact 8" x 5" foot print stacks neatly with main panel
- Add up to 28 additional zones (32 total)
- Can be used with virtually all low-voltage thermostats and dampers from other manufacturers
- Push-in terminals for easy wiring - no screw driver needed
- Easy setup and configuration
- LED's show all calls and damper status at a glance
- Installs up to 500 ft. from main panel

The
brighter
choice®

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Architectural Specifications

The fully automatic expansion panel shall be Braeburn model number 140424, 5.1"H x 8.0"W x 2.1"D 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 mechanical or electronic thermostats and be capable of controlling up to two additional zones. Wiring blocks with terminals R, Y1, Y2, W1/E/AX1, W2/AX2, O/B/W3, G, L, C, COM1, COM2, GND, COM3, and COM4 shall be included for two thermostats and communication, along with two sets of damper terminals PO, C and PC. Configuration options shall be available for panel address. LED's (Light Emitting Diodes) shall be present to monitor Panel Power R, Y1, Y2, W1/E/AX1, W2/AX2, O/B/W3, G, L and outputs for two dampers. The panel shall have an operating temperature of -30 to 75° C, and a storage temperature of -40 to 75° C with an operating humidity range of 5 to 95% RH non-condensing.

Specifications

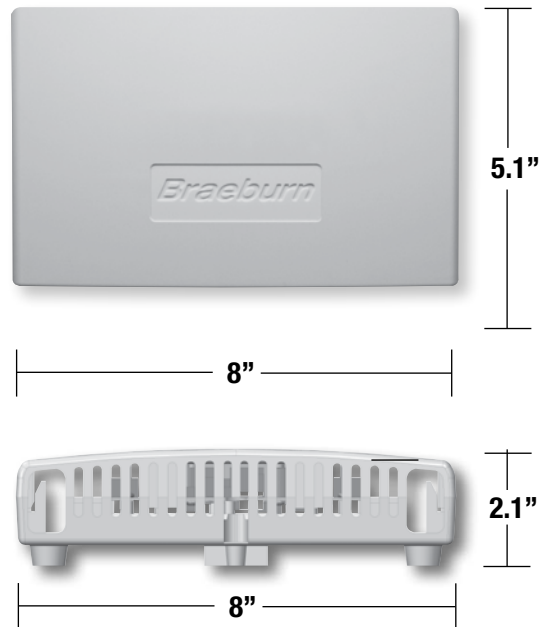
Power	24 VAC
Indicators	LED Indicators for thermostats, equipment and dampers
Thermostat	Conventional or heat pump up to 4H / 2C
Construction	PC Board in High Impact Housing
Mounting	Wall or Return Air Plenum
Environmental	Storage - 40° F to 167° F (-40° to 75° C) Operating - 22° F to 167° F (-30° F to 75° C)

Zone Panels and Expanders

Description	Item No.
2 Zone 2H / 1C	140202
3 Zone 3H / 2C	140303
4 Zone 4H / 2C	140404
2 Zone Expander	140424*

* For use with 140404 zone panel.

Dimensions



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