

Power Open, Power Close

Braeburn PO/PC Round Zone Dampers are used to control the volume of air that will be distributed to a zoned area. With three wire installation and a high torque motor, Braeburn zone dampers provide the quality and durability you have come to expect from the value leader in indoor controls.

Quick and Easy Installation

Braeburn power open, power close dampers are designed and built to ensure easy installation and years of trouble free use. Each damper is formed from heavy duty steel. Three wire installation with dual LED indicators help round out the features of this high quality damper.

Braeburn Round Zone Dampers



Specifications

Construction	24" Ga. Galvanized (4" - 8") 22" Ga. Galvanized (9" - 20")
Power	24 VAC, 4 VA, 50/60 Hz, 6W, 100 mA
Actuator	High torque (283 in/oz. (17.70 in/lbs.) 2Nm
Indicators	Dual LEDs Indicate Open and Closed
Terminals	Three Quick Connect Wiring Terminals
Timing	Nominal 13.5 sec. Powered
Pressure	Maximum 2.0" W.C.
Temp Rating	0°F to 150°F Operating, -20°F to 175°F Storage
Humidity	5% to 95% Non-Condensing
Function	Use as a Zone Damper or Bypass Damper

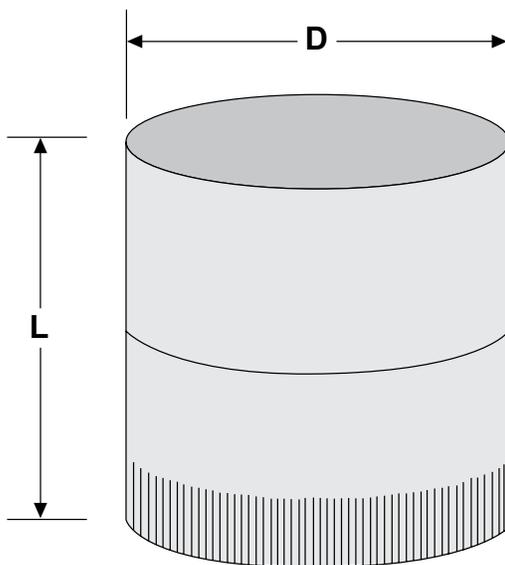
Product Features and Benefits

- Power Open, Power Close Operation
- Heavy Duty Galvanized Construction with Precision Rolled Stiffening Ribs
- Dual LEDs for Positive Indication of Open to Close
- Minimum/Maximum Position Setting
- Can be used in Modulating Applications
- Excellent for Use as a Bypass Damper with a Static Pressure Controller (Braeburn 149020)

Braeburn Round Zone Dampers Power Open, Power Close

Architectural Specifications

The Round Power Open / Power Close Damper shall be Braeburn Series 1090XX where XX indicates damper diameter (5, 6, 7, 8, 9, 10, 12, 14, 16, 18 and 20 inches). The damper shall be powered directly from zone panel 24 VAC damper terminals. A shared common terminal along with power open and power closed terminals shall be provided for damper control. Minimum/Maximum setting can be field adjusted. In the event of a power failure, no readjustment shall be required. The PO/PC Damper shall have an inlet end and a crimped fitment on the outlet end to accept mating duct work of the same diameter. The damper shall be constructed of rolled steel with precision bushings and stiffening ribs to increase damper rigidity. A damper position indicator shall be included to display the current damper positioning. The drive motor shall require 4 VA of power at 24 VAC.



POPC Dual LED Selection

Size	Description	Item No.
5"	Round w/LEDs, Gasket	109005
6"	Round w/LEDs, Gasket	109006
7"	Round w/LEDs, Gasket	109007
8"	Round w/LEDs, Gasket	109008
9"	Round w/LEDs, Gasket	109009
10"	Round w/LEDs, Gasket	109010
12"	Round w/LEDs, Gasket	109012
14"	Round w/LEDs, Gasket	109014
16"	Round w/LEDs, Gasket	109016
18"	Round w/LEDs, Gasket	109018
20"	Round w/LEDs, Gasket	109020

Damper Size Chart

Item No.	D inches	L inches
109005	5	11.25
109006	6	11.25
109007	7	11.25
109008	8	11.25
109009	9	11.25
109010	10	11.25
109012	12	11.75
109014	14	13.75
109016	16	15.75
109018	18	17.75
109020	20	19.75

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 other Braeburn 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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