

PARALLEL BLADE RECTANGULAR ZONE DAMPERS

PRODUCT DESCRIPTION

Robertshaw motorized rectangular zone dampers with parallel blades are perfect for low-pressure zone control systems. Our rectangular zone dampers are designed for light commercial and residential applications with static pressure systems not exceeding 1.2" WG.

Our rectangular zone dampers are constructed of heavy gauge extruded aluminum. The parallel blade dampers have fewer blades for silent operation. The dampers feature an easy slip in design and a simple 2-wire operation. These dampers have been designed to provide long life, silent operation, and require zero maintenance. The new 3" wide blades move smoothly from open to close with minimal friction and are operated by a powerful 24V, spring return motor actuator.

The dampers come complete and ready for installation. The motor and linkage are factory assembled to the damper. All you need is to install the damper and wire to the control panel.



FEATURES AND BENEFITS

- Solid and strong aluminum frame
- Fewer blades for silent operation
- Power closed – spring open motor provides fail safe operation
- Easy slip in design
- Low leakage
- Simple 2-wire operation

Robertshaw[®]

INTEGRATED COMFORT SOLUTIONS™

Robertshaw® Zone Control Systems

ROBERTSHAW PANELS

- Classic panel: up to 2 zones 2701-006
up to 3 zones 2701-001
- Deluxe panel: up to 7 zones 2701-002
- Premier panel: up to 19 zones 2702-001

ROBERTSHAW DAMPERS

- Rectangular motorized zone dampers
- Round motorized zone dampers
- Bypass non-electric zone dampers

ROBERTSHAW THERMOSTATS

- Programmable thermostats
- Digital non-programmable thermostats
- Mechanical thermostats

ITEM	Parallel Blade Rectangular Damper
POWER REQUIREMENTS	24 VAC actuator
AMBIENT RATINGS	0°F to 120°F (-18°C to 49°C)
LEAKAGE	Low leakage damper
STATIC PRESSURE RATING	1.2" WG
DIMENSIONS	6" wide x 6" high to 36" wide x 36" high (15 cm wide x 15 cm high to 91 cm wide x 91 cm high)
WEIGHT	3 lb. to 27.5 lb. (1.4 kg to 27.5 kg)
WIRING	#18 gauge thermostat wire
ACTUATORS	<ul style="list-style-type: none">• 2-wire, 2 position, spring return (55 in-oz)• 3-wire, 2 position, power open-power closed (150 in-oz)
FRAME	6063 T5 extruded aluminum 4" channel frame
BLADES	<ul style="list-style-type: none">• 4" wide 6063 T5 extruded aluminum airfoil design• 6" wide 6063 T5 extruded aluminum airfoil design
PIVOT PINS	1/2" diameter octagonal extruded aluminum
LINKAGE	Concealed side linkage
BEARINGS	Nylon
MOUNTING PLATE	18-gauge galvanized steel mounting plate 6" wide

Ordering Information

ORDER NUMBER	Ex. DAOP0820E2
TYPE	Parallel Blade Rectangular Damper
NON-ACTUATOR SIDE	08 (6" to 36")
ACTUATOR SIDE	20 (6" to 36")
ACTUATOR TYPE	<ul style="list-style-type: none">• E2 (2-wire control)• E3 (3-wire control)
FAIL SAFE	<ul style="list-style-type: none">• Blank (normally open)• NC (normally closed)

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