

Power-Open/Power-Close Round Dampers

DSUP

- Power-Open / Power-Close Actuator
- Adjustable Minimum and Maximum Open Position
- Precision Spiral Construction for Quiet & Sturdy Operation

The Ecojay DSUP series of low pressure two-position dampers was developed with precision and reliability in mind. Galvanized Components with critical dimensions are manufactured accurately using automated tools. The actuator used has many years of field proven reliability and quiet operation. This round damper incorporates a non-metallic shaft for improved insulation and a rigid spiral can. **Our gasketed damper blade is designed to compensate when installation conditions are not exact and the damper cylinder is not perfectly round.** A minimum open position can be set to bleed air for ventilation or a maximum open position to balance or limit air flow in an individual zone.

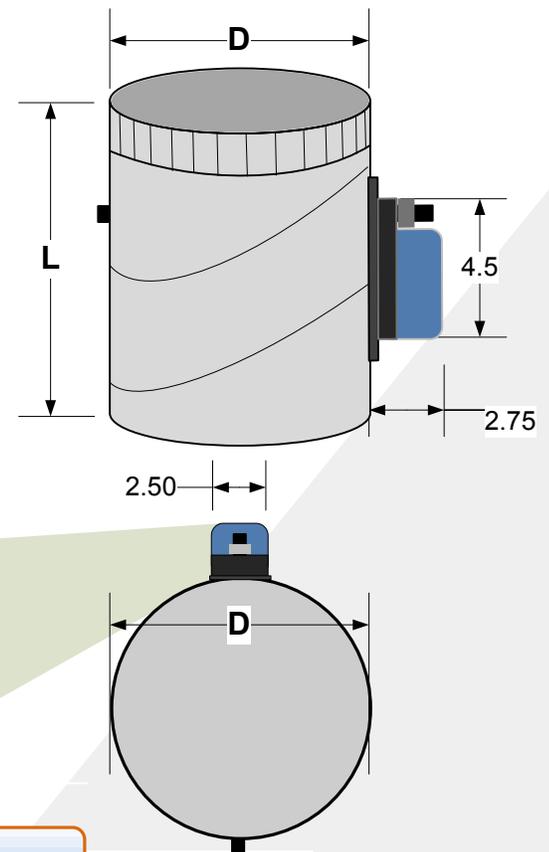
Quality & Reliability

- LEDs to Indicate OPEN (Green) and CLOSE (Red)
- High-Reliability Direct Drive Motor Assembly
- Power-Closed/Power-Open for Trouble-Free Operation
- Heavy-Duty Galvanized Spiral Construction
- Precision Cut Blades with Gasket
- Non-metallic Shaft to prevent sweating
- Long Life, Quiet Nylon Bushings
- Power-Open/Power-Close Actuator
- 30-Second Operation From Full Open to Close
- Easy Connect Screwless Terminals
- Hi-Visibility Blade Position Indicator for Verification of Damper operation
- Adjustable Minimum or Maximum Position
- Mount in any Position

Power-Open / Power-Close Round Damper



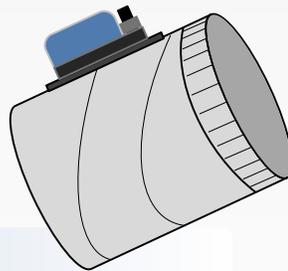
DSUP


 MORE INFORMATION
AVAILABLE ONLINE

ecojay.com

SPECIFICATIONS

Power	24VAC, 2.5 VA typical (4 VA max)
Actuator	Model # APDM Electronic Time-Out at End of Travel 18 in-lb Torque Power-Close / Power-Open 30 Second Motor Max 90 Degree Travel
Position Indicator	Configured on Shaft
Wiring	3 Screwless Terminals PO, PC, Common Use 18 Gauge Solid Core 3-Wire
Sizing	See Sizes and Part Numbers Chart



Mounting Installation

The Power Open/Power Close Series of Round Dampers can be mounted in any orientation to account for all sizes of duct and installation difficulties.

NOTE: Motors mounted on bottom are susceptible to condensed water and potential motor shorting. Always insulate and seal any exposed areas.

OTHER REFERENCES

- SmartZone System Manual
- SmartZone-2X, 4X/8X Install Guides
- SmartZonePLUS Install Guide
- SPC Specification Sheet
- References available at ecojay.com or by calling toll free 888-523-ECOJ

Round Static Pressure Controlled Bypass

Configuration (DBUM)

When using round dampers for automatic bypass modulation, order DBUM** (**=Size of Bypass needed in Inches). For more information on the SPC Bypass Series refer to **SPC Specification Sheet**

Available Sizes

	Part #	D	L
SUPPLY DAMPER SIZES	DSUP06	6"	12"
	DSUP07	7"	12"
	DSUP08	8"	12"
	DSUP09	9"	12"
	DSUP10	10"	12"
	DSUP12	12"	14"
	DSUP14	14"	16"
	DSUP16	16"	18"
	DSUP18	18"	20"
STATIC PRESSURE BYPASS	DBUM10	10"	12"
	DBUM12	12"	14"
	DBUM14	14"	16"
	DBUM16	16"	18"
	DBUM18	18"	20"

ECOJAY PART NUMBERS

		Part #	Description
ZONE CONTROLS	Up to 8 ZONES	ZS2X	SmartZone-2X
		ZS4X	SmartZone-4X
		ZS8X	SmartZone-8X
		ZSKIT#	SmartZone-KIT
	Up to 33 ZONES	ZPMC	SmartZonePLUS-MC
ZPE1		SmartZonePLUS-E1	
ZPE4		SmartZonePLUS-E4	
ZPKIT#		SmartZonePLUS-KIT	
DAMPERS	SUPPLY	DSUS	Supply Round – Spring Open
		DSUP	Supply Round – Power Open
		DSEP	Supply Rectangular – Power Open
	BYPASS	DBUM	Bypass Round – Modulating
		DBEM	Bypass Rectangular – Modulating
		DBUB	Bypass Round – Barometric

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MORE INFORMATION
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