



AZ-FRD

ROUND FRESH AIR DAMPER (4-18)

The SmartZone™ AZ-FRD-series low pressure two-position damper was developed for economical introduction of fresh air into the HVAC system. The solid aluminum shaft provides a sturdy platform to attach the blade and damper actuator. The heavy duty damper actuator with built-in coil spring is designed for years of care-free operation. The spring close design guarantees positive shut off of outside air. Foam tape provides a positive seal for the blade. Long-life nylon bushings insure a quiet, low friction operation of the damper. Heavy-duty galvanized steel cylinder provides strength to keep the damper round. One crimped end and one straight end allows for flexible installation. 30-second operation to full open position.

- FAIL-SAFE SPRING OPEN DESIGN
- SIMPLE 2-WIRE CONNECTION
- AVAILABLE SIZES: 6", 7", 8", 9", 10", 12", 14", 16"



SPECIFICATIONS

POWER	24VAC, 6 VA typical (12 VA Max)
MOTOR	Synchronous A/C type Heavy-Duty Gearing 30-second Operation
ACTUATOR	Direct Drive Shaft Coupling with Backlash Protection Power-Closed / Spring
WIRING	2 Wire Connections 24VAC, Common
Spring Torque	33 oz in.

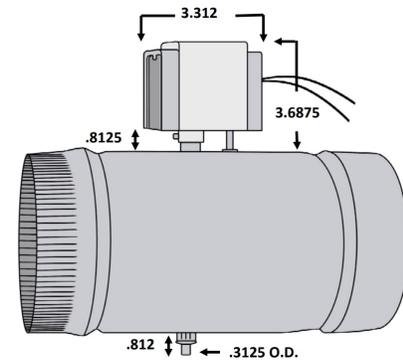
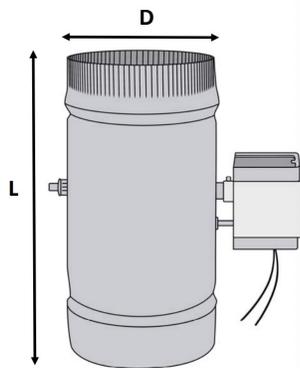
QUALITY DESIGN

- Computer-Aided Engineering Design
- High-Reliability Direct Drive Motor Assembly
- Precision-Cut Components

SUPERIOR FEATURES

- Power-Open/Spring Return Easy Operation
- Heavy Duty Steel Cylinder
- Long Life, Quiet Nylon Bushings
- 30 Second Operation to Full position
- Simple 2-wire connection
- Damper Springs Closed in Case of Power Failure

PART NUMBER	D CYLINDER DIAMTER (INCHES)	L CYLINDER LENGTH (INCHES)
FRD06	6	12
FRD07	7	12
FRD08	8	12
FRD09	9	12
FRD10	10	12
FRD12	12	12
FRD14	14	14
FRD16	16	16



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