

- **FAIL-SAFE SPRING RETURN DESIGN**
- **SIMPLE 2-WIRE CONNECTION**
- **RUGGED, LONG-LIFE SPRING RETURN ACTUATOR**

5", 6", 7", 8", 9", 10", 12", 14", 16" & 18" Sizes Available

GENERAL DESCRIPTION

The SmartZone™ 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.



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

Specifications

Power	24VAC, 6VA typical (8 VA max)
Motor	Synchronous AC type Heavy-Duty Gearing 30-second operation
Actuator	Direct Drive Shaft Coupling with Backlash Protection Power-Closed / Spring Return
Wiring	2 Wire Connections 24VAC, Common
Spring Torque	33 oz. In.

Part Number	D <i>Cylinder Diameter (Inches)</i>	L <i>Cylinder Length (Inches)</i>
FRD06	6	12
FRD07	7	12
FRD08	8	12
FRD09	9	12
FRD10	10	12
FRD12	12	12
FRD14	14	14
FRD16	16	16

