

Application

Model BTDR-50 is a cable operated radial blade balancing damper (also known as bowtie damper) that is designed for easy airflow adjustment at an air outlet or plenum neck. This damper is ideal for applications where it is difficult to get access to manually adjust the dampers and balance the airflow.

Cable operated dampers are adjusted via rotary cable actuation using either a nut driver or screwdriver.

Ratings

Pressure

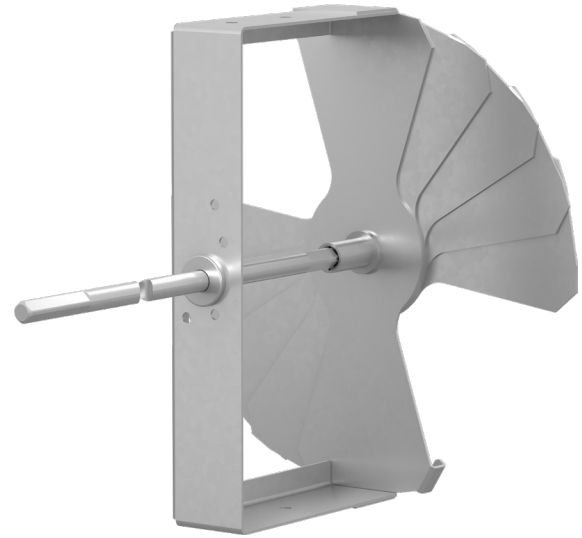
1 in. wg (0.25 kPa) - pressure differential

Velocity

Operational rated up to 1600 fpm (m/s)

Temperature

Maximum: 240°F (°C)



Diameter dimension is furnished approximately ¼ in. (6 mm) undersize.

Construction

	Standard	Optional
Frame Material	Galvannealed Steel	-
Blade Material	Galvannealed Steel	-
Operator	Cable Operator	-
Cable Length	3 ft. (914 mm)	6 ft. (1829 mm) 9 ft. (2743 mm)

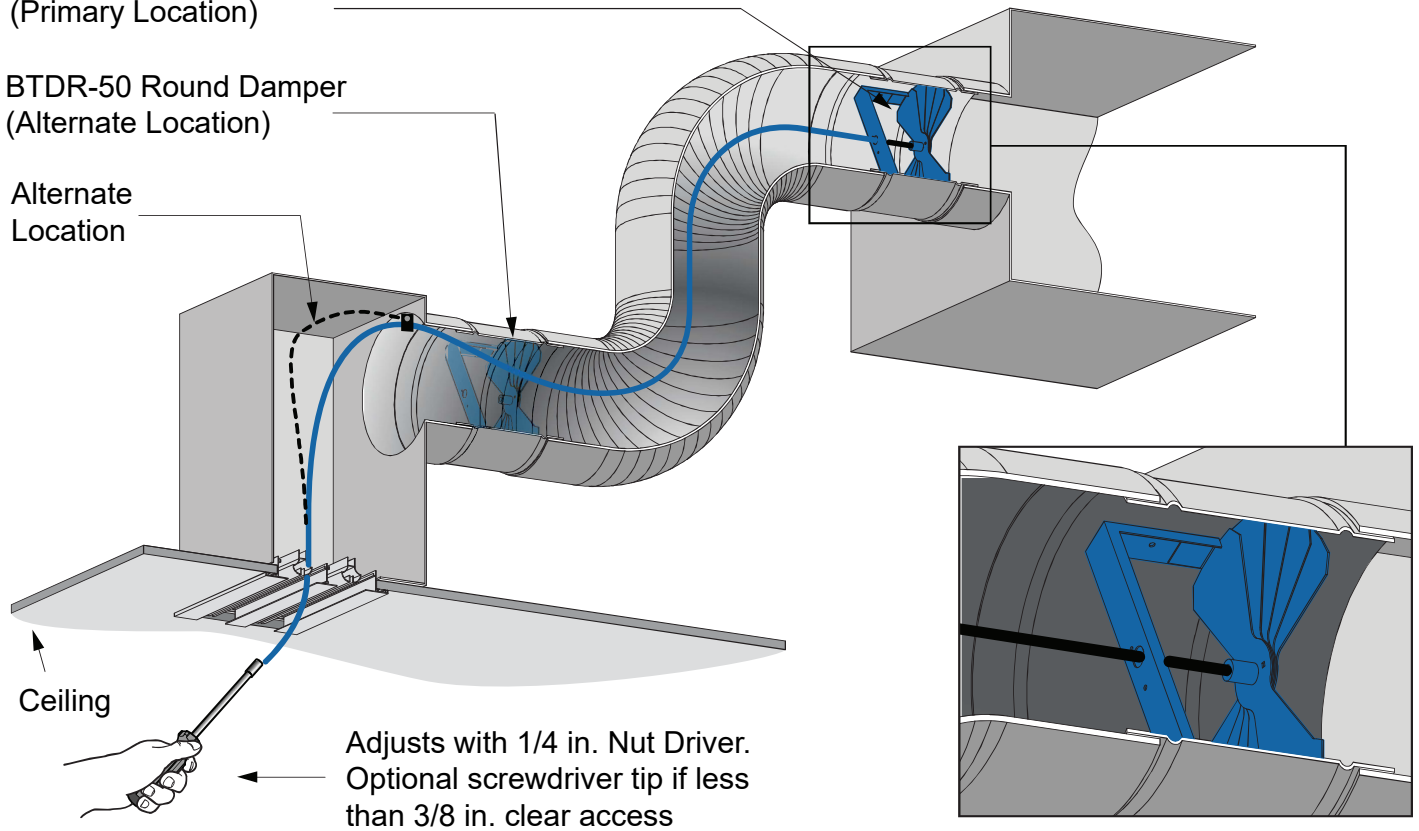
Size Limitations

Diameter	Sizes
Inches	6, 8, 10,12,15
mm	152, 203, 254, 305, 381

BTDR-50 Round Damper
(Primary Location)

BTDR-50 Round Damper
(Alternate Location)

Alternate
Location



Adjusts with 1/4 in. Nut Driver.
Optional screwdriver tip if less
than 3/8 in. clear access