Traditional Balancing System

Using Traditional Balancing Dampers

Stand-alone balancing dampers cannot adjust to changes in pressure resulting in incorrect airflows. Consequences of changes in system pressure results in:

- Increased energy cost when over ventilating a space
- Can create poor indoor air quality when under ventilating a space

CLASSIFIED c UL us

See complete marking on product.
UL 2043 Classification R39668

Balanced System

Using Automatic Balancing Dampers

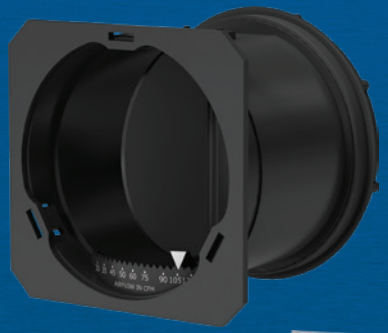
- The ABD (automatic balancing damper) automatically adjusts the airflow to changes in the system pressure.
- These dampers automatically adjust the blade position to compensate for changes in pressure reducing the amount of energy required to ventilate a space while improving the indoor air quality.

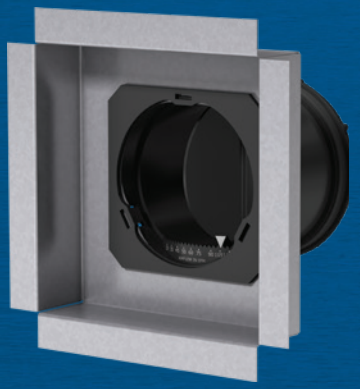
Assembled in the USA

Greenheck
P.O. Box 410 • Schofield, WI 54476-0410
Phone: 800-717-6540 • Fax: 715.692-6757
dampers@greenheck.com
00.DMP.NB005 R1 12-2018 RG

Automatic Balancing Dampers

ABD Series



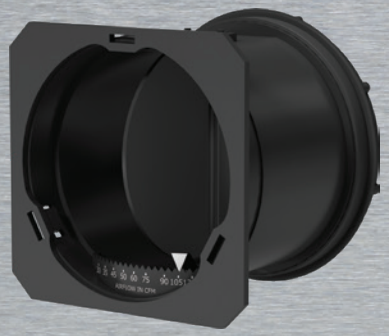


GREENHECK
Building Value in Air.

ABD

Automatic Balancing Damper

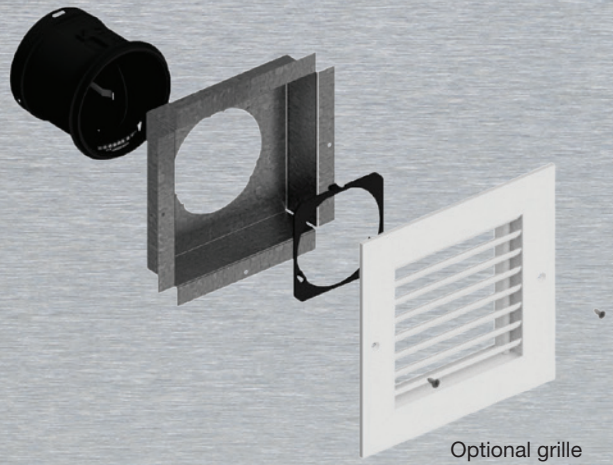
Model ABD is an automatic balancing damper designed to maintain a constant airflow volume in HVAC applications. The damper blade is calibrated to automatically adjust to changing pressures. The ABD can be used in both supply and exhaust applications.



ABD-GM

Automatic Balancing Damper with Grille Mount

Model ABD-GM is an automatic balancing damper with a flanged grille-mounting box. The grille-mounting box will allow for the insertion of a standard depth grille. The ABD-GM can be used in both supply and exhaust applications.



Optional grille available

ABD-T

Automatic Balancing Damper with Transition

Model ABD-T is an automatic balancing damper with a square transition. The transition can be removed and flipped to the other side of the damper using the quick adapter plate, which is included. The ABD-T can be used in both supply and exhaust applications.

Features

Ratings

Pressure:	0.2 to 2.0 in. wg (.05 to 0.50 kPa)
Volume:	25 to 275 cfm (0.012 to 0.130 m^3/s)
Temperature:	25° to 150°F (-4° to 65°C)
Accuracy:	± 10%

Airflow Range by Size

Diameter	Individual Set Points	Airflow Range (CFM)
4 in. (102mm)	20	25 to 130 (.012 to .061m^3/s)
5 in. (127mm)	20	25 to 130 (.012 to .061m^3/s)
6 in. (152mm)	24	50 to 275 (.024 to .130 m^3/s)

Easy Adjustment

20 different cfm setpoints