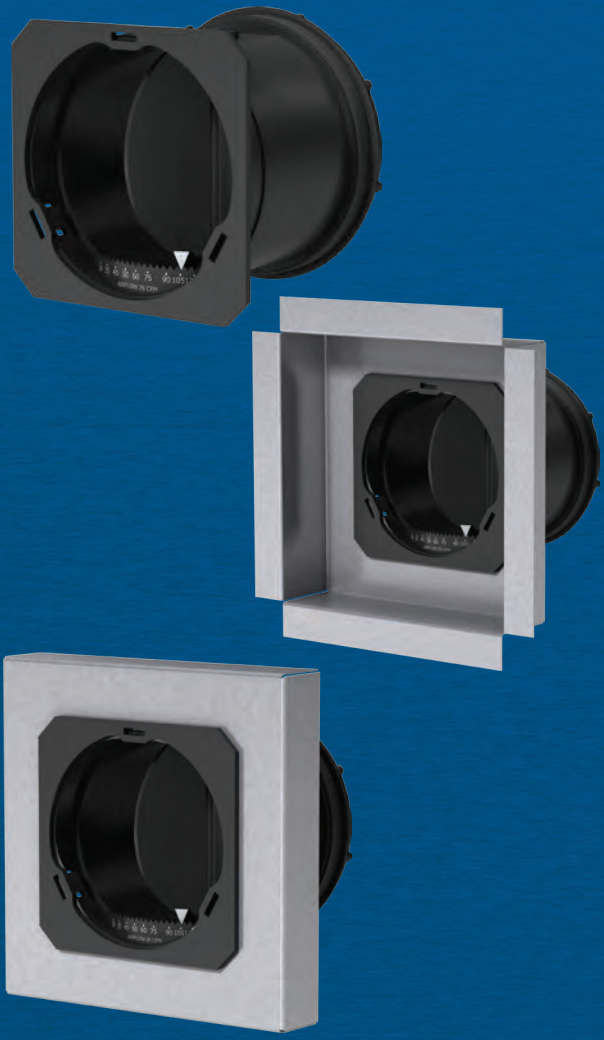
Automatic Balancing Dampers

ABD Series



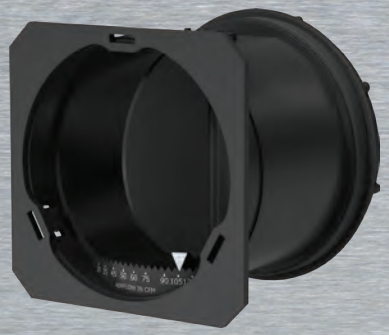
GREENHECK

Building Value in Air.

ABD

Automatic Balancing Damper

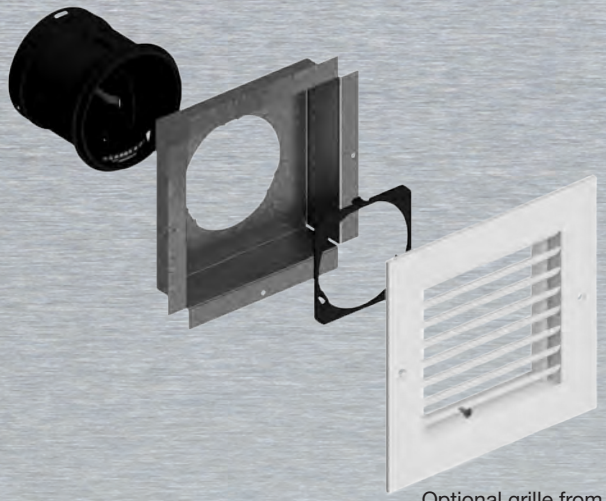
Model ABD is an automatic balancing valve designed to maintain a constant airflow volume in HVAC applications. The damper blade is calibrated to automatically adjust to changing pressures. The ABD can be used in both supply and exhaust applications.



ABD-GM

Automatic Balancing Damper with Grille Mount

Model ABD-GM is an automatic balancing damper with a flanged grille mount box. The grille mount 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 from factory 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 in. wg to 2.0 in. wg (.05 kPa to 0.50 kPa)

Volume: 25 cfm to 275 cfm (0.012 m^3/s to 0.130 m^3/s)

Temperature: 25° F to 150° F (-4°C to 65°C)

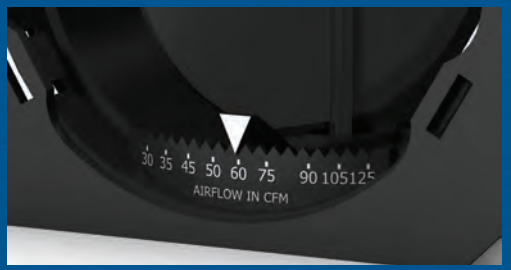
Accuracy: ± 10%

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



Traditional Balancing System

Using Traditional Balancing Dampers

Standalone balancing dampers cannot adjust to changes in pressure resulting in incorrect airflows. When changes in system pressure occur the following can result in:

- Over ventilation of a space increases energy costs
- Under ventilating of a space can create poor indoor air quality

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.

See complete marking on product.

UL 2043 Classification R39668

Assembled in the USA

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