

# ABD

## PRESSURE INDEPENDENT AUTOMATIC BALANCING DAMPER



**Ruskin Model ABD** Pressure Independent Automatic Balancing Damper maintains a constant airflow volume in HVAC applications. ABD helps conserve energy and eliminates stack effect. Perfect for balancing supply ducts or controlling exhaust/supply ventilation requirements.

### FEATURES & BENEFITS

- Field adjustable, easy installation
- Quick-Connect Adapter Ring
- Ruskiprene™ "T" seal
- Antimicrobial, prevents mold and bacteria
- Bi-directional design
- Reduces energy cost
- Mitigates stack effect

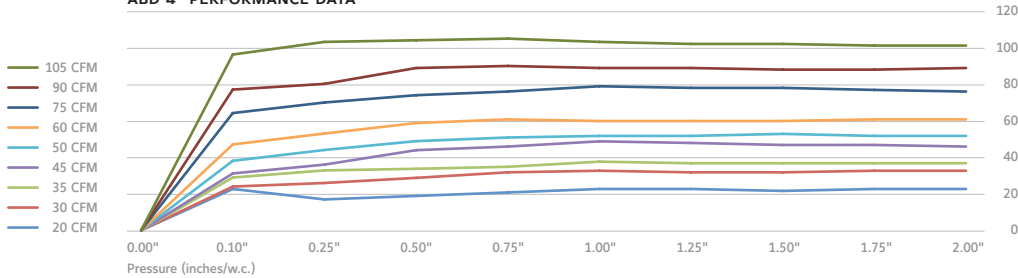
### APPLICATIONS

- Hospitality
- High rise make-up air
- Commercial – Retail
- Restroom
- Clean room
- Healthcare
- Office building

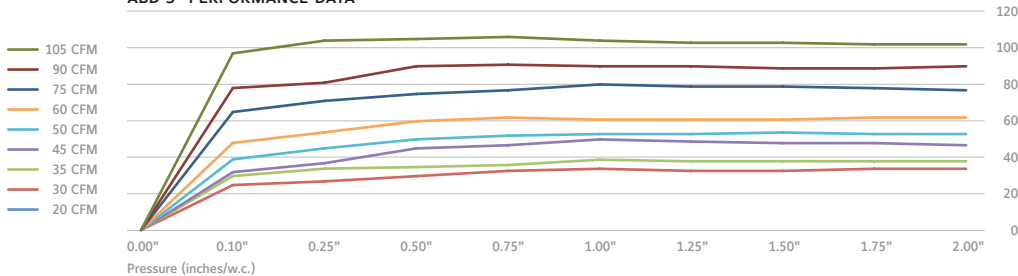
# Ruskin Model ABD

Using physics, not electricity to achieve pressure independence

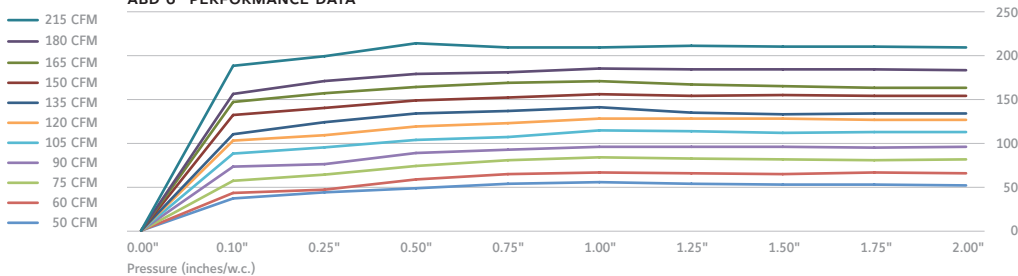
ABD 4" PERFORMANCE DATA



ABD 5" PERFORMANCE DATA



ABD 6" PERFORMANCE DATA



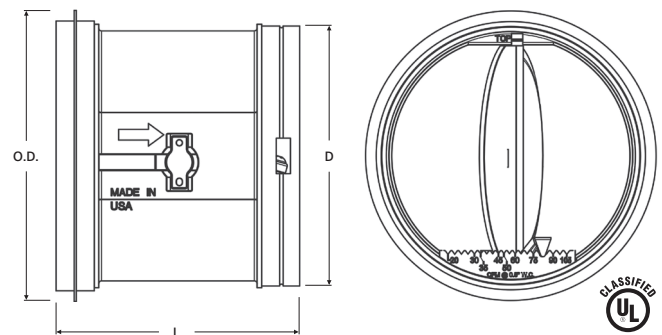
## SET IT AND FORGET IT

- Arrow on damper side indicates flow direction.
- ABD can be placed in any vertical or horizontal orientation\* into round duct or snapped onto existing round opening.

Nominal Diameter	O.D.	D	L	Weight	Duct I.D. Diameter	Range
4"	4.1"	3.8"	3.43"	.25 lbs.	4"	20-105 cfm
5"	4.81"	4.68"	3.75"	.43 lbs.	5"	20-105 cfm
6"	5.8"	5.5"	4.97"	.48 lbs.	6"	50-215 cfm

Every ABD includes a Ruskiprene "T" seal, mitigating bypass leakage.

\*Set-point arrow cannot point sideways.



Please contact your local Ruskin representative, or visit our website at [ruskin.com](http://ruskin.com) for more information on Ruskin Model ABD.