

Application

Model RBD-10 is a remote powered balancing damper designed to regulate the flow of air in a HVAC system. This balancing damper is ideal for applications where it is difficult to get access to manually adjust the dampers and balance the airflow. The 'EZ Balance' hand held remote (equipped with 9 volt power supply) operates the damper actuator when connected to the diffuser connector or wall/ceiling plate.

Ratings

Velocity

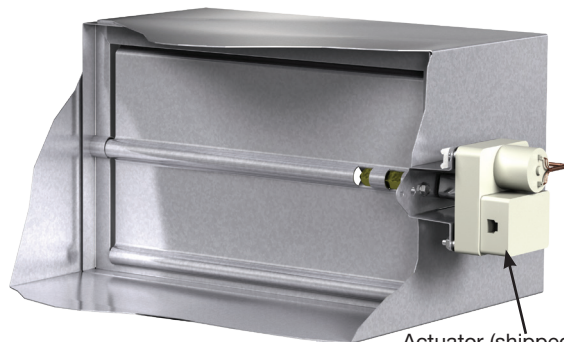
Up to 2000 fpm (10.2 m/s)

Pressure

Up to 1 in. wg (.25 kPa) - pressure differential

Temperature

Maximum: 180°F (82°C)



Actuator (shipped as a kit for field installation)

*W & H dimension furnished approximately 1/4 in. (6 mm) undersize.

Construction

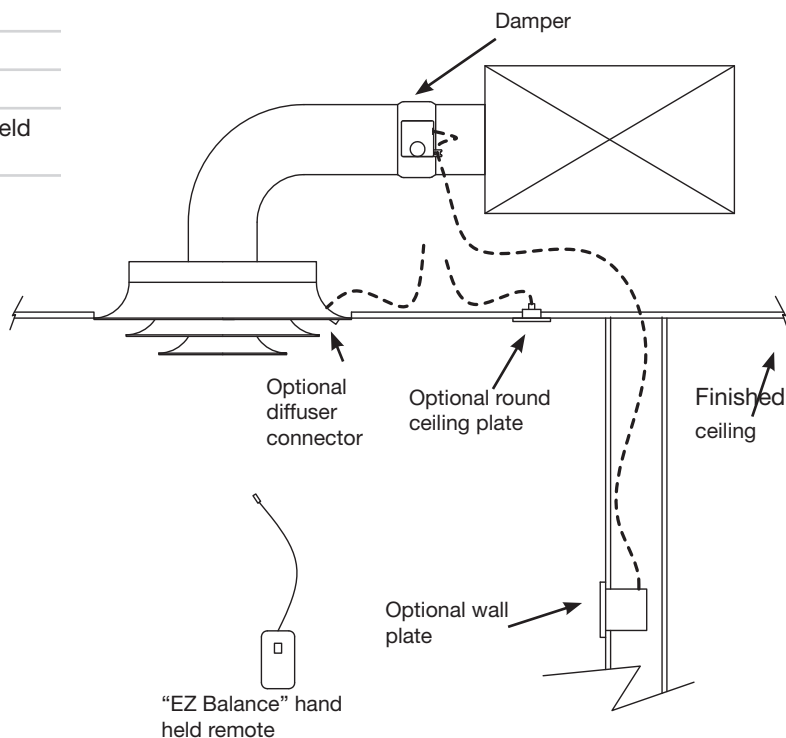
	Standard
Frame Material	Galvanized Steel
Frame Thickness	22 ga. (0.9mm)
Blade Material	Galvanized Steel
Blade Action	Opposed
Blade Thickness	20 ga. (1mm)
Axes	Integral 1/2 in. (13mm) dia.
Axle Bearings	Synthetic (acetal) sleeve
Operator	9 volt actuator (shipped as a kit for field installation)

Note:

All wire connections are made with prewired RJ11 plugs and sockets. No additional wiring or tools required.

Size Limitations

Diameter	Minimum Size	Maximum Size
Inches	6 x 4	36 x 12
mm	152 x 102	914 x 305

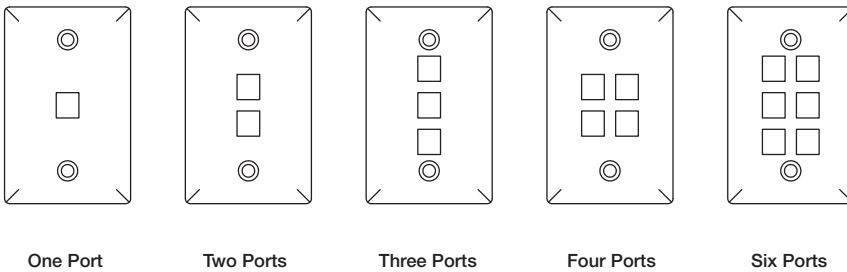


Note: Utilizing any controller other than 'EZ Balance' remote to adjust the RBD-10 damper voids the actuator warranty.

Accessories

- Diffuser connectors
- Single gang wall plates with ports (1,2, 3, 4 or 6 port)
 - Colors: white, or stainless steel
- Round wall/ceiling mounting plate with one port
- Single gang outlet box
- 'EZ Balance' remote control device (9 volt battery and 5 foot (1524 mm) of cable included)
- 5, 14, 25 or 50 foot (1524, 4267, 7620 or 15,240 mm) plenum rated cable
- Cable connectors

Wall plates with ports



White wall plate dimension is 3¼ in. x 4¾ in. (83 mm x 121 mm).

Stainless steel wall plate dimension is 2¾ in. x 4½ in. (70 mm x 114 mm).

Round wall/ceiling plate

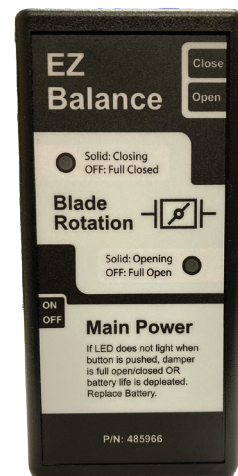


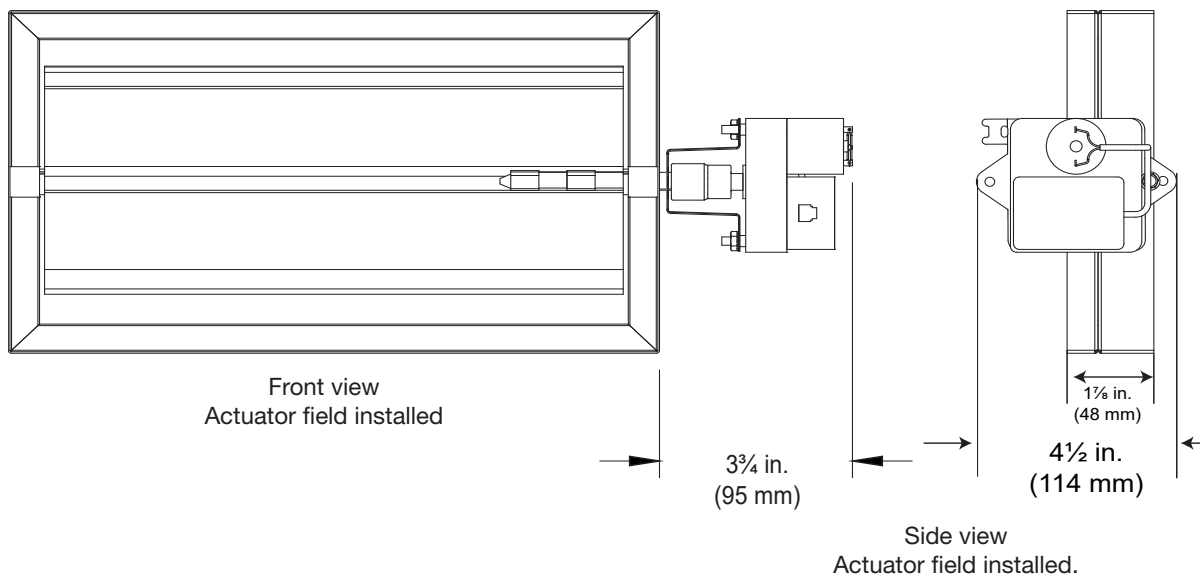
3¼ in. (83 mm) diameter

Single gang box



EZ Balance remote





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