

Rectangular Multi-Blade Damper



Firsquare Environmental Technology (Jiang Su) Co.Ltd. certifies that the RMBD (Rectangular Multi-Blade Damper) shown herein is licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 511 and comply with the requirements of the AMCA Certified Ratings Program. The AMCA Certified Ratings Seal applies to Air Leakage and Air Performance ratings.

Ratings

Pressure: 0 KPa to 2.5 KPa

Temperature: 0 °C to 49 °C

Leakage: Class 1 at 0.5 KPa

Class 1 at 1.0 KPa

Class 1 at 2.5 KPa

Standard Construction

Frame: Stainless Steel

Blade: Aluminum Alloy with Seal

Damper Sizes

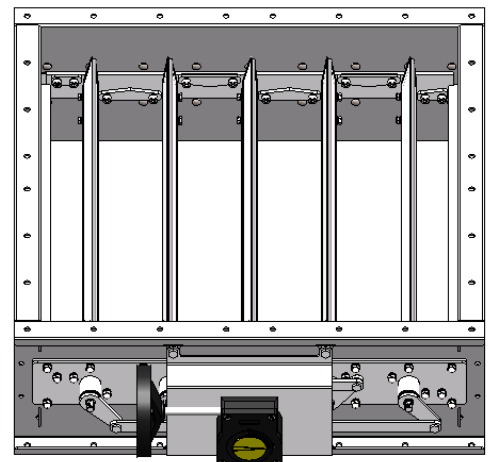
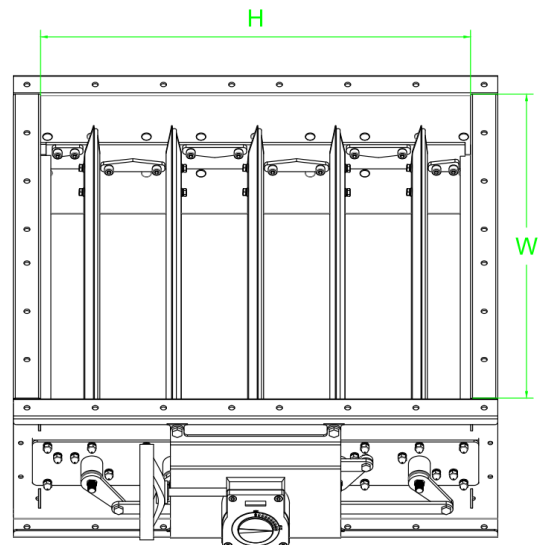
305mm × 305mm 610mm × 610mm 914mm × 914mm

305mm × 1220mm

Description

RMBD is a low leakage volume control damper.

It can be installed vertically or horizontally position, with electric or handed actuators.





Test Information

Air leakage is based on operation between 0 °C to 49 °C

Tested for air leakage in accordance with ANSI/AMCA Standard 500-D, Figure 5.4A

Tested for air performance in accordance with ANSI/AMCA Standard 500-D, Figure 5.3

Torque

Data are based on a torque of 86 N•m/m² applied to close and seat the damper during the test.

Leakage Performance

Damper Size	Leakage Class			
	at 0.5 KPa	at 1.0 KPa	at 2.0 KPa	at 2.5 KPa
305mm × 1220mm	1	1	1	1
914mm × 914mm	1	1	1	1

Air Performance

