

ROUND Volume Control Damper

Model WB-RVD



CONSTRUCTION

- The WB-RVD manual balancing damper is constructed of galvanized steel, available in various gauges including optional materials such as stainless steel or aluminium.
- Frame is standard 6" depth with in duct ribs.
- Factory equipped plated locking quadrant for manual operations.

Technical Details

Dimension	12inch			16inch		
	5.2	5.3	5.5	5.2	5.3	5.5
Velocity	Pressure drop in in.wg					
2.5	0.01	0.01	0.02	0.01	0.01	0.02
5	0.06	0.02	0.1	0.03	0.01	0.08
7.5	0.13	0.05	0.22	0.07	0.03	0.18
10	0.23	0.08	0.38	0.013	0.05	0.35
12.5	0.37	0.13	0.6	0.21	0.08	0.54
15	0.53	0.19	0.86	0.31	0.12	0.79

Illustration 5.2

A ducted damper exhausting air into an open space.

Illustration 5.3

A fully ducted damper

This configuration has the lowest pressure drop because the entrance and exit looses are minimised by straight line duct up & downstream.

Illustration 5.5

This is a plenum mounted type construction.

This has the highest pressure drop