TAWREED

TAWREED TRADING & CONTRACTING · DUCT FACTORY IN QATAR SINCE 2012

TECHNICAL DATA SHEET // DAMPERS

Round Volume Control Damper – Model RD

دمبر تحكم بالحجم دائري – موديل RD

CONTENTS

01 Sizes, gauges & maximum velocity

DOCUMENT

2 pages, extracted from:
Technical Submittal - WellWall Phenolic Pre-Insulated Duct, p. 90
Revision 01 · October 2026

CONTACT · REQUEST A QUOTE

Phone / WhatsApp: +974 7097 0111 Email: hvac@tawreed.ltd
Factory: Zone 91, Street 3138, Building 66, Birkat Al Awamer, Qatar
Web: tawreed.ltd Hours: Sat–Thu, 9am–5pm

Data supplied for submittal and specification purposes. Values are nominal;
confirm project-specific requirements with Tawreed before ordering.

The Model RD is a G-90 galvanized steel damper with factory mounted with heavy duty locking hand quadrant designed especially for manual balancing applications. It is easy to install, seal, and becomes part of the duct work.



MODEL RD

approx. 1/8" o.d. undersized

DIAMETER	LENGTH	BODY & BLADE
4 - 10"	8"	20 ga.
12 - 18"	8"	20 ga.
20 - 30"	8"	20 ga.
32 - 40"	8"	18 ga.

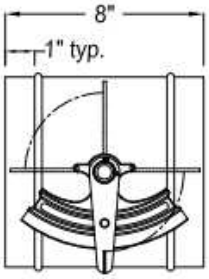
MAXIMUM VELOCITY		
DIAMETER	FPM	Max. Pressure Differential
4 - 8"	2600	3"
10 - 12"	2400	2.5"
14 - 18"	2300	2"
20 - 24"	2300	1.5"
26 - 30"	2200	1.25"
32 - 40"	2000	0.75"

SHAFT:

1/2" round solid aluminum (thru 30")
3/4" round solid steel (32" thru 40")

BEARING:

Molded synthetic
Nylon 6/6



VARIATIONS:

- ☐ Stainless steel body, blade, shaft and quadrant
- ☐ All aluminum construction w/ steel plated quadrant
- ☐ Extended quadrant 2"