

ULTRA-ZONE®

Forced Air Zone Controls

The **RD-HD** Series of round Hand Dampers are designed for field adjustment of Differential Pressure and Velocity Control on Round Bypass Air Duct Runs.

Pursuant to ACCA® Manual Zr, "A balancing hand damper should be installed in the bypass duct" for setting adequate resistance to bypass flow.

The RD-HD includes a Heavy Duty Manual Quadrant allowing Easy & Accurate Field Adjustment of the Pressure Drop through the Bypass duct run.

In addition, the RD-HD has a truncated blade design resulting in 70% maximum closure. This superior design ensures minimum bypass flow even if the hand damper is accidentally closed all the way.

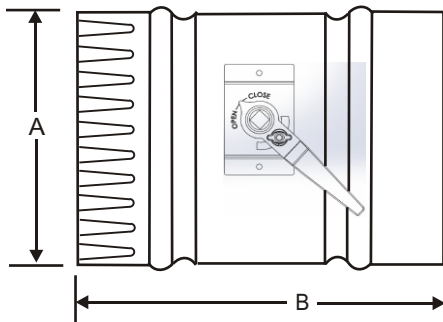
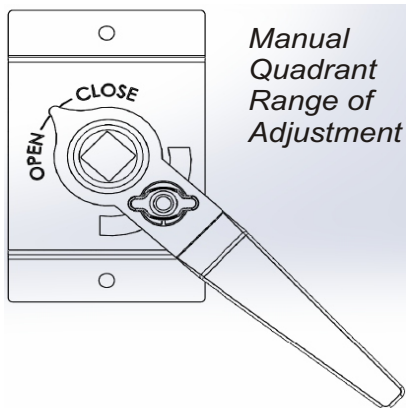
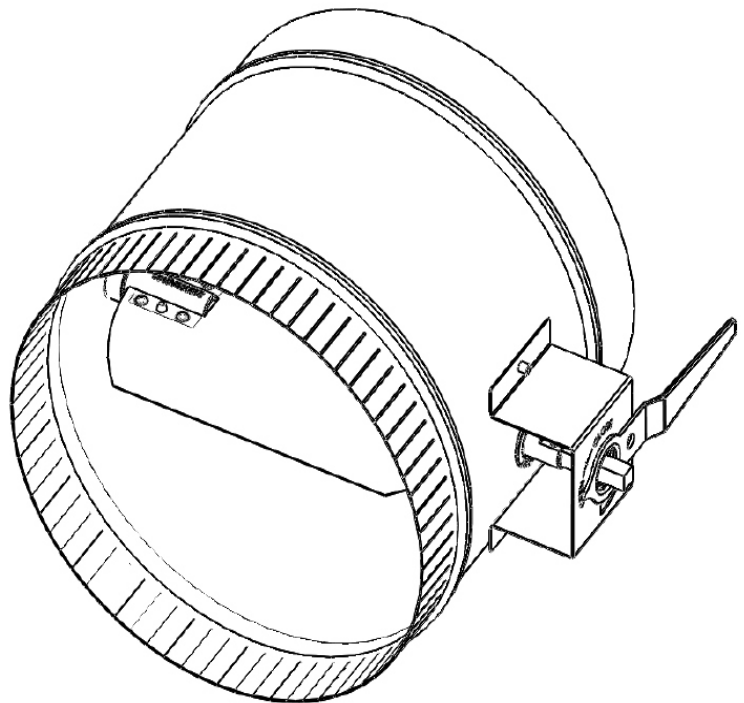
The RD-HD is designed to provide reliable and quiet Balancing Function at velocities up to 2700 feet per minute.

RD-HD dampers are easy to install and adjust. The superior design insures long life with no maintenance and a 5 year warranty.

See Application Note #090376A0169 for installation and setup instructions.

SUBMITTAL SHEET

Model **RD-HD** Round Volume Control Bypass Hand Damper



NOMINAL DIMENSIONS & PERFORMANCE VALUES

MODEL #	A	B	CFM @ 900 FPM	Press. Drop _{IWC}
RD-HD - 8	8.00"	6.00"	310	0.02
RD-HD - 10	10.00"	6.00"	480	0.02
RD-HD - 12	12.00"	8.00"	700	0.02
RD-HD - 14	14.00"	8.00"	940	0.02
RD-HD - 16	16.00"	10.00"	1250	0.02
RD-HD - 18	18.00"	10.00"	1560	0.02
RD-HD - 20	20.00"	10.00"	1900	0.02

Pressure Drop values may increase at higher velocities

SUBMITTAL FORM

SUBMITTED BY: _____
 JOB: _____
 ARCHITECT: _____
 ENGINEER: _____
 CONTRACTOR: _____
 LOCATION: _____

Excellence Without Compromise

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