

ULTRA-ZONE®

Forced Air Zone Controls

The ND-HD Series of rectangular Hand Dampers are designed for field adjustment of Differential Pressure and Volume Control on Rectangular or Square 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 ND-HD includes a Heavy Duty Manual Quadrant allowing Easy & Accurate Field Adjustment of the Pressure Drop through the Bypass duct run.

In addition, the ND-HD has a factory installed Stop Bolt resulting in 70% maximum closure. This superior design ensures minimum bypass flow even if the hand damper is accidentally closed.

Airflow can be from either direction and the Damper can be oriented in any position.

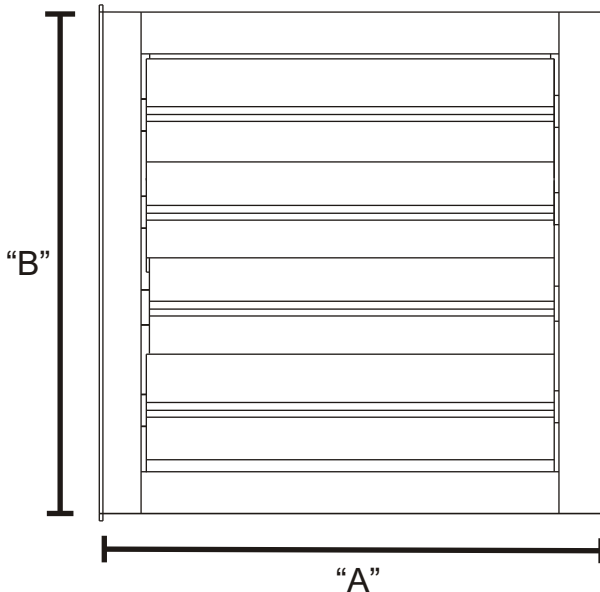
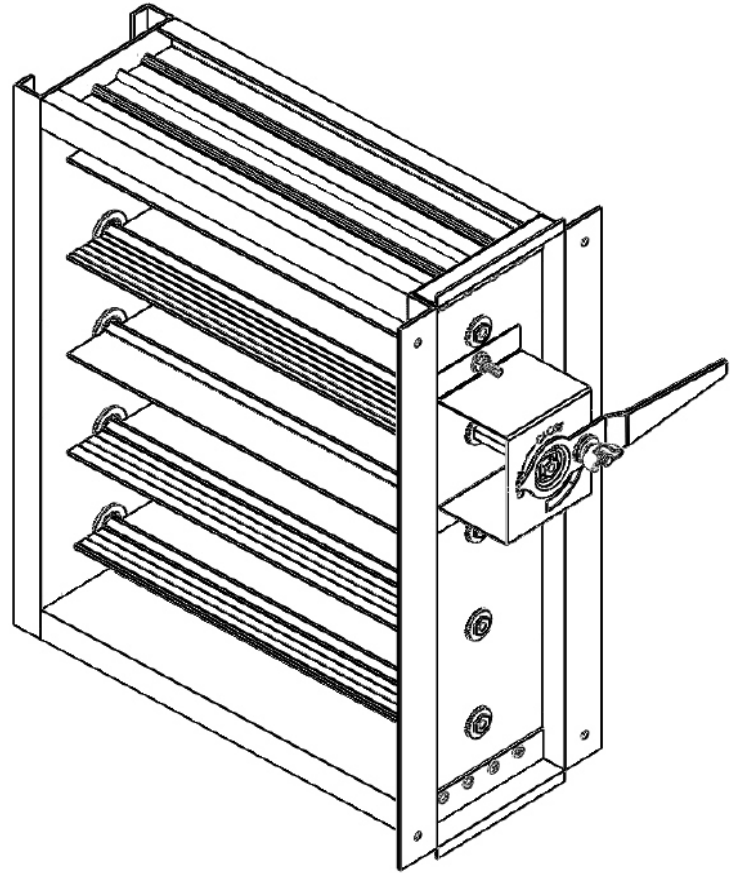
The ND-HD is designed to provide reliable and quiet Balancing & Volume control functions at velocities up to 2500 feet per minute.

ND-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 #090376A0169C for installation and setup instructions.

SUBMITTAL SHEET

Model ND-HD Volume Control Bypass Hand Damper



NOMINAL DIMENSIONS & PERFORMANCE VALUES

MODEL #	A	B	CFM @ 900 FPM	Press. Drop _{1w.c}
ND-HD	12.00"	8.00"	310	0.03
ND-HD	12.00"	10.00"	450	0.03
ND-HD	12.00"	12.00"	550	0.03
ND-HD	20.00"	10.00"	790	0.03
ND-HD	20.00"	12.00"	990	0.03
ND-HD	20.00"	14.00"	1240	0.03
ND-HD	20.00"	20.00"	2070	0.03

*Actual dimensions are 3/16" less than nominal.
Call for information on other available sizes.*

Pressure Drop values may increase at higher velocities

SUBMITTAL FORM

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

Excellence Without Compromise
EWC®
 CONTROLS INC.

385 Hwy. 33
 Englishtown, NJ 07726
 Ph: 800-446-3110
 Fx: 732-446-5362