

HDT Volume Control Damper (VCD)

STANDARD CONSTRUCTION

FRAME

5" x 1" x 18 gauge (max) [127mm x 25mm x 1.2mm (max)] galvanized steel channel with corner braces.

BLADES

8" (203mm) maximum width 20 gauge [1.0mm (max)] galvanized steel. Opposed blade action is standard with parallel blade action optional at no additional charge.

FINISH

Mill galvanized.

LINKAGE

Exposed or concealed in frame as determined by ASLI.

AXLES

1/2" (13mm) hex.

BEARINGS

Molded synthetic.

CONTROL SHAFT

3/8" (10mm) square plated steel.

MAXIMUM VELOCITY

Single section-48"w X 48"h (1219mm X 1219mm).

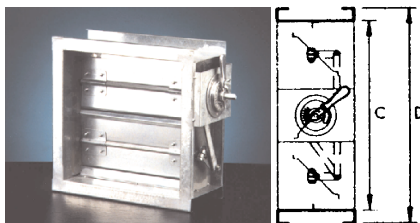
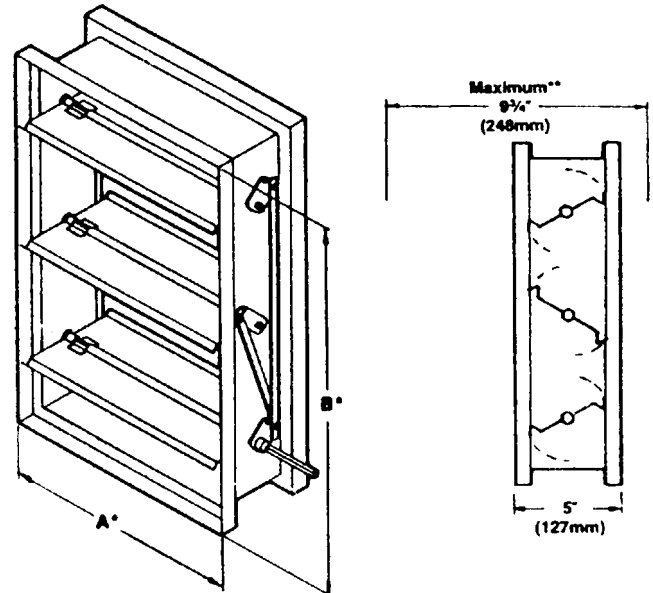
MULTIPLE SECTION ASSEMBLY

96"w X 96"h (2438mm X 2438mm). Each section operates independently. Requires one hand quadrant per section.

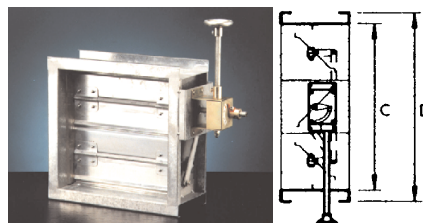
MINIMUM SIZE

6"w X 5"h (152mm X 127mm). Dampers 10" (254mm) high and under are single blade.

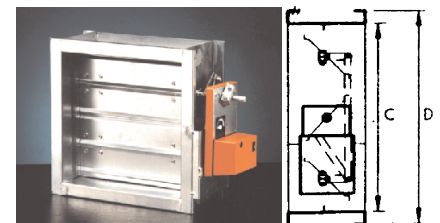
Asli HDT is a ruggedly built damper designed especially for manual balancing applications. Volume Control can be effected by means of manual or motorized. For manual operation, a galvanized steel quadrant arm or the OM arm linkage are mounted onto the shaft. In the case of motorized type, an electrical damper actuator is used.



Manual Control VCD
(Quadrant Arm)



Manual Volume Control
Damper (OM Actuator)



Motorized Volume
Control Damper

Damper Width	Maximum System Pressure	Maximum System Velocity
48"	2.0" w.g.	1500 fpm
36"	2.5" w.g.	1500 fpm
24"	2.5" w.g.	1500 fpm
12"	3.0" w.g.	1500 fpm

The MD35 is structurally designed for velocities to 2000 fpm and above. Turbulence may produce objectionable noise in some conditions with velocities above 1500 fpm.

Dampers may tolerate higher pressures and velocities than those listed here. Conservative ratings are presented intentionally in a effort to avoid misapplication.