



SUBMITTAL DRAWING HDCD31 AND HDCD32 HEAVY DUTY CONTROL DAMPER

STANDARD CONSTRUCTION

MINIMUM SIZE

Single blade, parallel action - 6" w x 6" h
Two blade, parallel or opposed action - 8" w x 14" h

MAXIMUM SIZE

Single section - 48"w x 96" h
Multiple section assembly - unlimited

AXLES

HDCD31 - 1/2" dia. plated steel
HDCD32- 3/4" dia. plated steel

FINISH

Mill galvanized

BEARINGS

Stainless steel Press Fit to frame

LINKAGE

Face linkage in airstream

FRAME

3" x 1" x 12 ga. galvanized steel U channel

BLADES

16 ga. galvanized triple v-groove, 8" maximum width.

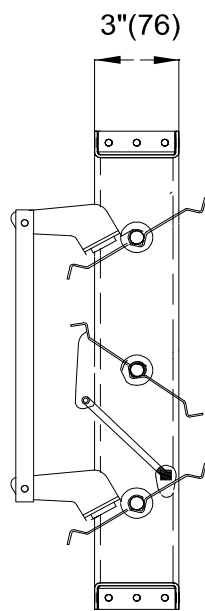
MAXIMUM TEMPERATURE

250 deg. F is standard

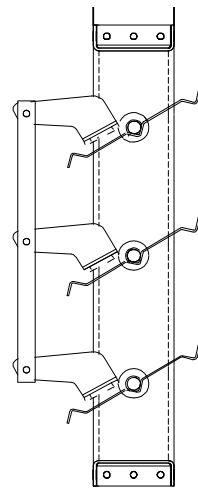
Unit supplied approximately 1/4" smaller than given 'opening' dimensions
Jackshaft used on multiple section dampers only.

OPTIONS:

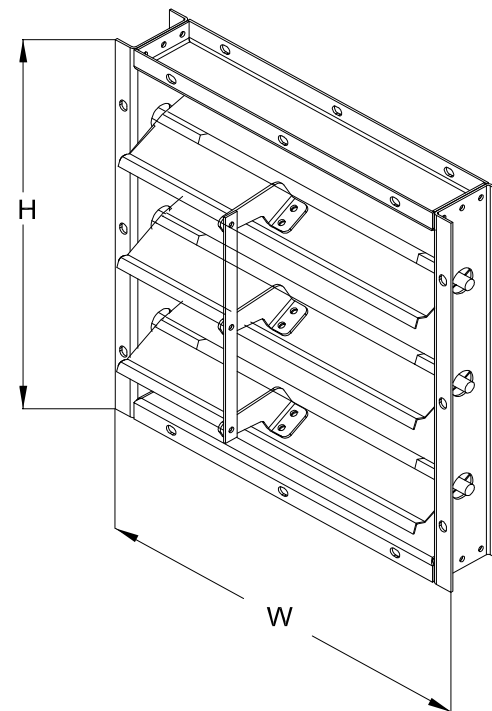
- 304 Stainless Steel Construction
- Bolt Holes
- Opposed Blade
- Parallel Blade



opposite blades



parallel blades



SEALS (OPT.)		ACCESSORIES (OPT.)		AXLES	
SILICONE BLADE SEALS 400 DEG.F		HAND QUADRANTS (OPT)		PLATED STEEL	
SS JAMB SEALS		PNEUMATIC ACTUATORS		304 STAINLESS STEEL (OPT)	
		ELECTRIC ACTUATORS		BOLTED TO BLADES (OPT)	
				FULL LENGTH (OPT)	

FRAME		BLADES	
GALV.U. CHANNEL 3"X1"X12 Ga		GALVANIZED 16 ga.	
GAL HAT CHANNEL (OPT) 3"X1"X14 Ga.		GALVANIZED(OPT) 14" Ga.	
3"X1"X12 TA. 304 SS U. CHANNEL (OPT)		304 SS (OPT) 16" Ga.	
3"X1"X0.125 THICK ALUM.U CHANNEL (OPT)		0.080 THICK ALUM (OPT)	

Project:
Location:
Architect
Engineer:

Contractor:
Address:
P.O. Number:
Date: