INDUSTRIAL CONTROL DAMPERS

MODEL: ICD8F1 ; ICD8F2

STANDARD CONSTRUCTION

FRAME:
8”x2”x14 ga. Steel channel

BLADES:
Airfoil shaped, 16ga. Double skin construction 5” x 8” wide

MAXIMUM TEMPERATURE:
250 deg. F is standard

FINISH:
Mill galvanized

AXLES:
ICD8F1 - ½” dia. Plated steel
ICD8F2 – ¾” dia. Plated steel

LINKAGE:
Side Linkage out of airstream

BEARINGS:
Stainless steel sleeve bolted to frame

DEPTH:
8” Standard

Unit supplied approximately ¼” smaller than given duct dimensions.



OPTIONS

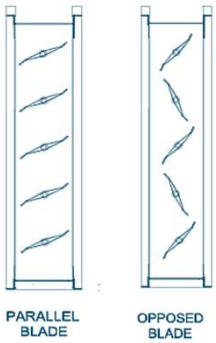
- ☐ Bearings with integral shaft seal, bolted to frame
- ☐ 304 Stainless Steel construction
- ☐ Bolt Holes
- ☐ Opposed Blade
- ☐ Parallel Blade

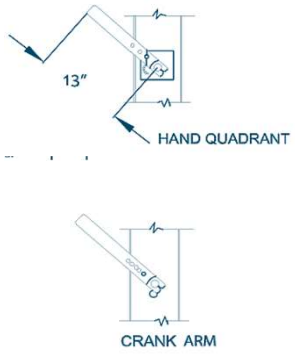
MINIMUM SIZE

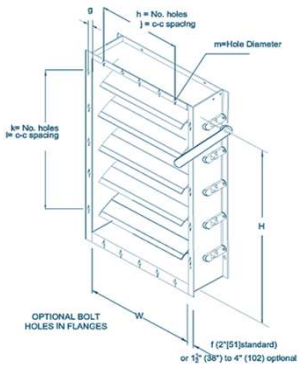
Single blade, parallel action – 6”w x 6”h
Two blade, parallel or opposed action – 6”w x 12”h

MAXIMUM SIZE

ICD8F1 - single section – 48”w x 96”h
ICD8F2 – single section – 60”w x 96”h







OPTIONAL BOLT HOLES IN FLANGES

h = no. of holes on shorter side
f = flange width
m = holes diameter
k = no. of holes on longer side
j = c-c spacing on shorter side
l = c-c spacing on longer side
g = width from the center line

FRAME	BLADES	AXLES	BEARINGS
14 GA 8"X2" GALVANIZED	16 GA. GALVANIZED	ICD8F1.1/2" DIA. PLATED STEEL	OUTBOARD BRGS. W/SHAFT SEAL (OPT)
14 GA(8"X2") 304 SS (OPT)	16 GA. 304 SS (OPT)	ICD8F2. 3/4" DIA. 304 SS (OPT)I	SS SLEEVE PRESSED
14 G A. (8"X2") 316 SS (OPT)	16 GA. 316 SS (OPT)	ICD8F1. 1/2" DIA. 316 SS (OPT)	BRGS. BOLTED TO FRAME W/SHAFT SEAL (OPT)
	14 GA. GALVANIZED (OPT)	ICD8F2 .3/4" DIA. PLATED STEEL	SS SLEEVE IN CAST HSG BOLTED TO FRAME(OPT)
8"X2" 12 GA.GALVANIZED (OPT)	14 GA. 304 SS (OPT)	ICD8F1. 1/2" DIA. 304 SS (OPT)I	
	14 GA. 316 SS (OPT)	ICD8F2. 3/4" DIA. 316 SS (OPT)	

LINKAGE	SEALS (OPT)	ACCESSORIES (OPT)
SIDE (EXTERNAL)	SS BLADE SEALS 400° F MAX (OPT)	MANAUL ACT. NO
	SS-JAMB SEALS (OPT)	MANAUL ACT.CL
FACE EXPOSED) LINKAGE (OPT)		BOLT HOLES ONE FLANGE (OPT)
		BOLT HOLES BOTH FLANGES (OPT)
		1 1/2" (38)TO 4" (102) FLANGES (OPT)
		ELECTRIC ACT.(OPT)
		PNEU. ACT . (OPT)

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