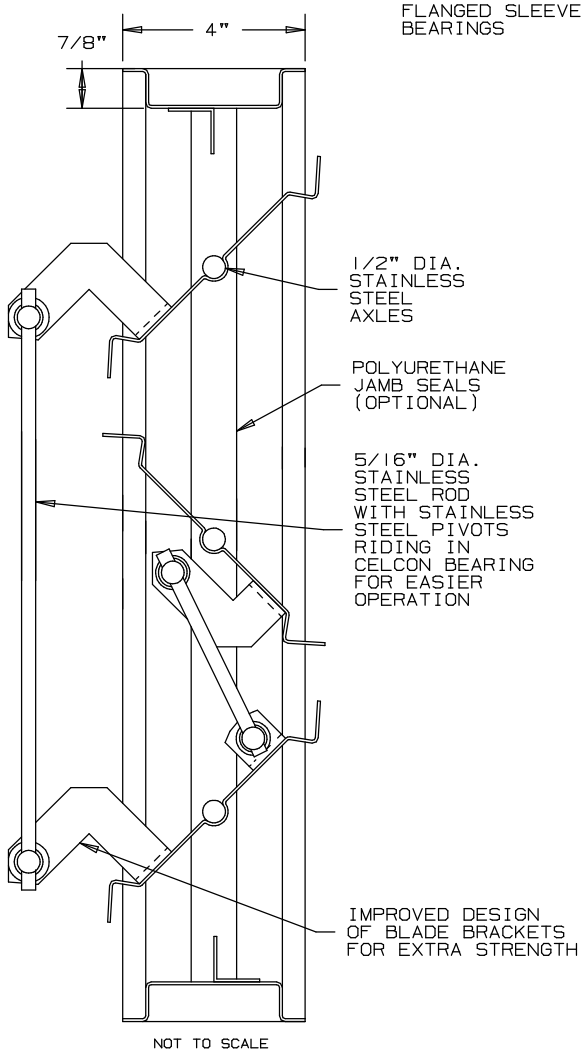
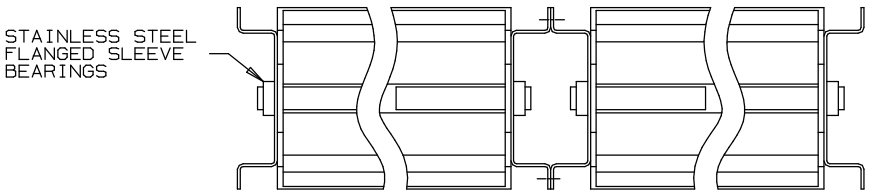
ARROW
STAINLESS STEEL CONTROL DAMPERS

SERIES 182

PARALLEL OR OPPOSED BLADES - WITH OR WITHOUT SEALS



NOT TO SCALE



SPECIFICATIONS

FRAME: HAT-SHAPED CHANNEL, 4" DEEP, 18 GA. STAINLESS STEEL HAT SHAPED CHANNEL FOR GREATER RIGIDITY AND STRENGTH.

BLADE: MAXIMUM 6" SPACING. 18 GA. STAINLESS STEEL.

LINKAGE: CHEVRON TYPE FORMED BRACKETS OF 1/8" THICK STAINLESS STEEL.

BEARINGS: PRESS FIT STAINLESS STEEL, FLANGED SLEEVE TYPE.

AXLES: 1/2" DIA. STAINLESS STEEL.

DRIVESHAFT: 1/2" DIA. STAINLESS STEEL, EXTENDABLE 6" BEYOND FRAME.

SEALS: OPTIONAL.

ALLOY: TYPE 304 (2B FINISH) STANDARD. (SEE "OPTIONS").

SIZES: MADE TO EXACT SIZE AS REQUIRED:
MAXIMUM PANEL: 48" W X 96" H
MINIMUM PANEL: 6" W X 8 3/4" H

DAMPERS LESS THAN 11 3/4" HIGH WILL BE A SINGLE BLADE.

NOTE: SERIES 182 DAMPERS ARE RATED FOR SYSTEMS UP TO 2,000 FPM OR UP TO 4" S.P. IF BEING USED FOR APPLICATIONS BEYOND THIS, PLEASE ADVISE WHEN ORDERING.

SHIPPING WEIGHT: 6 1/2" LBS. PER SQ. FT.

OPTIONAL

DRIVE SHAFTS: EXTENDABLE TO 8" BEYOND FRAME, MORE THAN 8" USING EXTERIOR BEARING SUPPORT.
FLANGED FRAMES:
WIDER FRAMES: FRAMES WIDER THAN 4".
SEALS: AVAILABLE WITH NEOPRENE JAMB AND BLADE EDGE SEALS, OR STAINLESS STEEL JAMB SEALS, OR POLYURETHANE JAMB AND BLADE SEALS.
UNI-MOUNT BRACKETS: FOR ALL INTERNALLY MOUNTED PNEUMATIC OR ELECTRIC OPERATORS. GALVANIZED STEEL CONSTRUCTION, SPECIFY TYPE AND N.O. OR N.C.
BEARINGS: BRONZE, NYLON, CELCON, BALL, ETC.
MIXING/FACE & BYPASS DAMPERS
JACKSHAFTING: CARBON STEEL (PAINTED) IS STANDARD. STAINLESS STEEL IS AVAILABLE.
OTHER ALLOY: TYPE 316 STAINLESS STEEL, 2B FINISH.

NOMINAL DEDUCTIONS WILL BE MADE TO THE OPENING SIZE GIVEN.

ITEM	QTY.	WIDTH / DAMPER SIZE (O.D.)	HEIGHT / DAMPER SIZE (O.D.)	PAR.	OPP.	SEALS	ACTUATOR MODEL	INT. / EXT. LOCATION	N.C. / N.O. FUNCTION	TAG

UNION MADE

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AGENT: _____

ARCH./ENG.:
CONTR.:
PROJECT:
EDR: ECN: JOB:
DATE: DWN.: DWG.:

671-J-FEBRUARY-2000