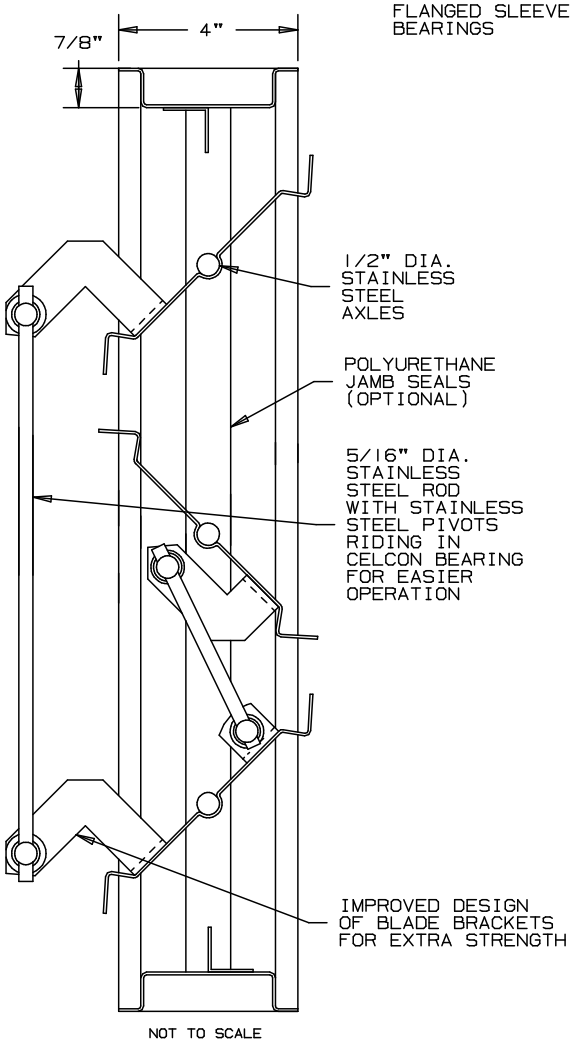
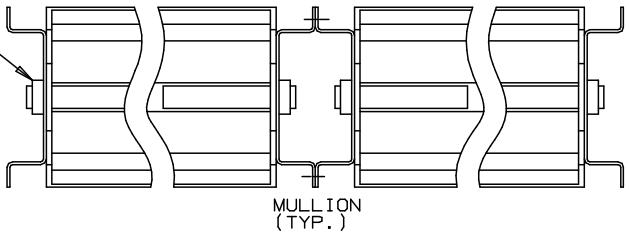
ARROW
STAINLESS STEEL CONTROL DAMPERS

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

UNION MADE

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

671-K-JUNE-2005