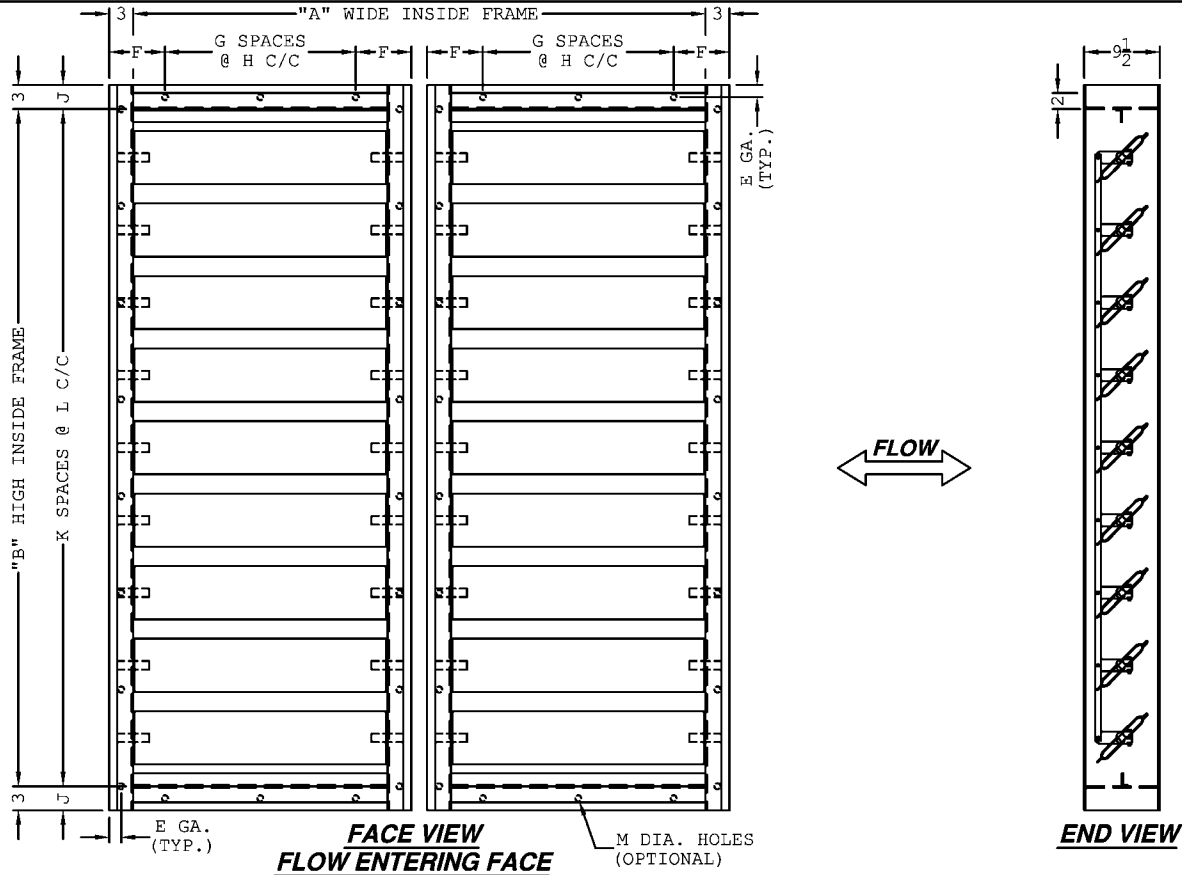


EXTRUDED ALUMINUM AIRFOIL TUNNEL DAMPER 482°F / 250°C (1) HOUR, THERMAL SHOCK CONSTRUCTION, 6,000,000 TRANSIENT PRESSURE REVERSALS



AWV ITEM No.	QUANTITY	"A" WIDE INSIDE FRAME	"B" HIGH INSIDE FRAME	MTG. POSITION (VERT. OR HORIZ.)	FLOW DIRECTION	NO. OF PANELS (WIDE x HIGH)	OPTIONAL MOUNTING HOLE DIMENSIONS			CONSTRUCTION OPTIONS				COMMENTS
							E	F	G	PLATED STEEL	AXLES	LINKAGE	STN. STL.	
							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

**SPECIFICATIONS**

**FRAME:** 9-1/2 x 3 x 2 x 3/16 THK. EXTRUDED ALUMINIUM CHANNEL. MOUNTING HOLES CAN BE PROVIDED ON THE 3" FLANGE FOR MOUNTING (PLEASE SPECIFY WHEN ORDERING)

**BLADES:** 9-1/4" MAX WIDE x .100 MIN. THK. EXTRUDED ALUMINUM AIRFOIL.

**AXLES:** 3/4" SQUARE STUBS. STAINLESS STEEL & PLATED STEEL.

**BEARINGS:** OIL IMPREGNATED BRONZE SLEEVE.

**LINKAGE:** PLATED OR STAINLESS STEEL LINKAGE ARMS AND BARS WITH STAINLESS STEEL PIVOTS AND OIB BEARINGS. IN JAMB TYPE.

**STOPS:** ALUMINUM ANGLE AT HEAD AND SILL.


**SEALS:** SILICONE ON BLADE EDGES (WHEN REQUIRED) WITH STAINLESS STEEL COMPRESSION AT JAMBS.

**FINISH:** CLEAR ANODIZED FINISH TO HELP PROTECT AGAINST CORROSSION.

**ACTUATOR:** BOTH PNEUMATIC AND ELECTRIC ACTUATORS AVAILABLE. CONTACT FACTORY FOR YOUR SPECIFIC APPLICATION.

**NOTES**

- MAX. PRESSURE: 21" W.G. / 5.25 kPa  
MAX. VELOCITY: 4000 FPM / 20 m/s
- DAMPERS HAVE BEEN TESTED TO 482°F (250°C) FOR ONE HOUR OPERATION.
- DAMPERS HAVE BEEN TESTED FOR THERMAL SHOCK FROM 32°F TO 482°F (0°C TO 250°C) IN APPROXIMATELY 45 SECONDS.
- DAMPERS MEET CLASS 1 LEAKAGE AS DEFINED BY UL555S.
- DAMPERS CAN BE PROVIDED IN MULTIPLE PANELS TO FILL OPENINGS OF VIRTUALLY ANY SIZE. DAMPERS THAT ARE MULTIPLE PANELS HIGH NEED HORIZONTAL MULLION SUPPORTS. THESE SUPPORTS CAN BE SUPPLIED BY AWV OR THE CONTRACTOR, PLEASE SPECIFY IF THESE SUPPORTS ARE TO BE INCLUDED IN THE DAMPER SCOPE OF SUPPLY.

REV.	DESCRIPTION	DATE	BY
DATE :			
AWV PROD. No. :			
CUSTOMER :			
CUSTOMER ORDER No. :			
AGENT :			
AGENT ORDER No. :			
 <b>american warming and ventilating</b> A MESTEK COMPANY 7301 INTERNATIONAL DRIVE HOLLAND, OHIO WWW.AWV.COM PHONE # (419) 865-5000			
<b>EAF-75 EXTRUDED ALUMINUM TUNNEL DAMPER</b>			
DRN. BY	BET	DWG. NO.	REV.
DATE	10-7-04	EAF-75-1	