

H.D. ROUND BUBBLE TIGHT DAMPER, 4000 FPM MAX. VEL.,  
15" W.G. MAX. DIFF. PRESS., 12" THRU 60" DIA.

SECTION A-A

FACE VIEW

END VIEW

MANUAL QUAD.

FLOW

FLOW

FLOW

6" EXTENDED SHAFT

12

"M" DIA. HOLES "F" REQUIRED EQUALLY SPACED, BOTH FACES. SEE SCHEDULE FOR ORIENTATION.

FLOW ENTERING SIDE SHOWN WITH OPTIONAL MOUNTING HOLES

SHOWN WITH OPTIONAL LEVER ARM (SHIPPED LOOSE)

OPTIONAL FRAME STYLES

ANGLE RINGS & SLEEVE

BUTT WELDED ANGLE RINGS

NOTE

DAMPERS ARE CONSTRUCTED PER THE STANDARD SPECIFICATIONS UNLESS OTHERWISE SPECIFIED ON DAMPER SCHEDULE OR MODIFIED DAMPER SHEET.

AWV ITEM No.	QUANTITY	"A" DIAMETER	"C" FLANGE WIDTH	"D" FRAME DEPTH	CONSTRUCTION OPTIONS								OPTIONAL MOUNTING HOLE DIMENSIONS				REMARKS
					SLEEVE GA./THK.	FLANGE GA./THK.	BLADE GA./THK.	AXLE DIAMETER	SILICONE SEALS	MANUAL QUAD.	LEVER ARM	1 FLANGE AIR LEAVING SIDE <input type="checkbox"/>			STRADDLE VERT. ON VERTICAL CENTERLINE		
												1 FLANGE AIR LEAVING SIDE <input type="checkbox"/>					
												BOTH FLANGES <input type="checkbox"/>					
												"E"	"F"	"M"			

SPECIAL ACTUATOR:

SPECIAL FINISH:

SPECIFICATIONS

FRAME: 8" x 10 GA. STEEL ROLLED SLEEVE WITH 1-1/2" x 10 GA. CUT RINGS, THRU 25" DIAMETER.  
10" x 10 GA. STEEL ROLLED SLEEVE WITH 2" x 10 GA. CUT RINGS, 25"+ THRU 36" DIAMETER.  
10" x 3/16" THK. STEEL ROLLED SLEEVE WITH 2" x 3/16" THK. CUT RINGS, 36"+ THRU 60" DIAMETER.

BLADE: 3/16" THK. STEEL, WELDED TO AXLE, THRU 24" DIAMETER.  
1/4" THK. STEEL, WELDED TO AXLE, 24"+ THRU 60" DIAMETER.

AXLE: 3/4" DIAMETER STEEL FULL LENGTH, THRU 18" DIAMETER.  
1" DIAMETER STEEL FULL LENGTH, 18"+ THRU 28" DIAMETER.  
1-1/4" DIAMETER STEEL FULL LENGTH, 28"+ THRU 40" DIAMETER.  
1-1/2" DIAMETER STEEL FULL LENGTH, 40"+ THRU 48" DIAMETER.  
1-3/4" DIAMETER STEEL FULL LENGTH, 48"+ THRU 60" DIAMETER.

BEARINGS: FLANGE MOUNTED RELUBRICABLE BALL WITH PLATED STEEL DOUBLE O-RING STUFFING BOXES.

STOP: 1/2" DIAMETER STEEL PIN.

SEALS: FULL CIRCUMFERENCE NEOPRENE SEAL RETAINED BY A SEAL RING BOLTED TO THE BLADE.

FINISH: ONE (1) COAT OF AWV STANDARD PRIMER.

ACTUATOR: EXTENDED SHAFT (SEE SCHEDULE FOR OPTIONS).

NOTES

- MAX. TEMP. = 150° F STANDARD. MAX. TEMP. = 200° F WITH SILICONE SEALS.
- DAMPERS ARE FOR CLEAN AIR USE ONLY.
- REFERENCE DWG. #VC-56-6 FOR OPTIONAL MOUNTING HOLE PATTERNS.
- LEAKAGE SHALL BE BUBBLE TIGHT PER AMCA 500-D.

REV.	DESCRIPTION	DATE	BY
DATE:			
AWV PROD. No.:			
CUSTOMER:			
CUSTOMER ORDER No.:			
AGENT:			
AGENT ORDER No.:			
<div><div>awv</div><div>american warming and ventilating</div><div>A MESTEK COMPANY</div><div>7301 INTERNATIONAL DRIVE HOLLAND, OHIO</div><div>VC-56-BT BUBBLE TIGHT DAMPER</div></div>			
DRN. BY	JMC	DWG. NO.	REV.
DATE	10-8-15	VC-56-BT	