

AXO-ALU-S Series Adjustable Vanes Square Swirl Diffusers

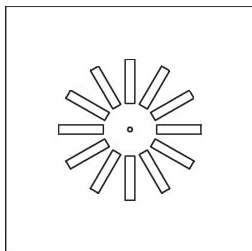
Material | Powder coated stamped heavy gauge aluminum face with ABS vanes and galvanized steel plenum.

Air Pattern | Adjustable high induction swirl pattern.

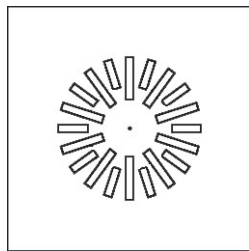
Ceiling Types | False, Open and Closed.



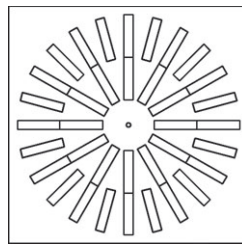
AXO-ALU-S
by MADEL®



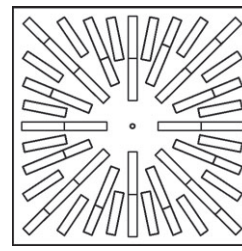
AXO-ALU-S300



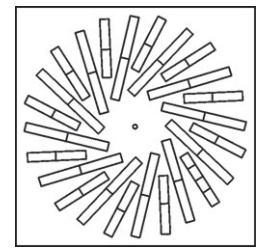
AXO-ALU-S400



AXO-ALU-S



AXO-ALU-SX

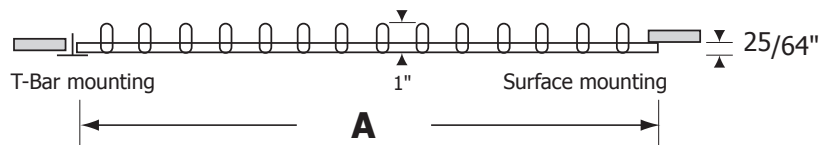


AXO-ALU-SY

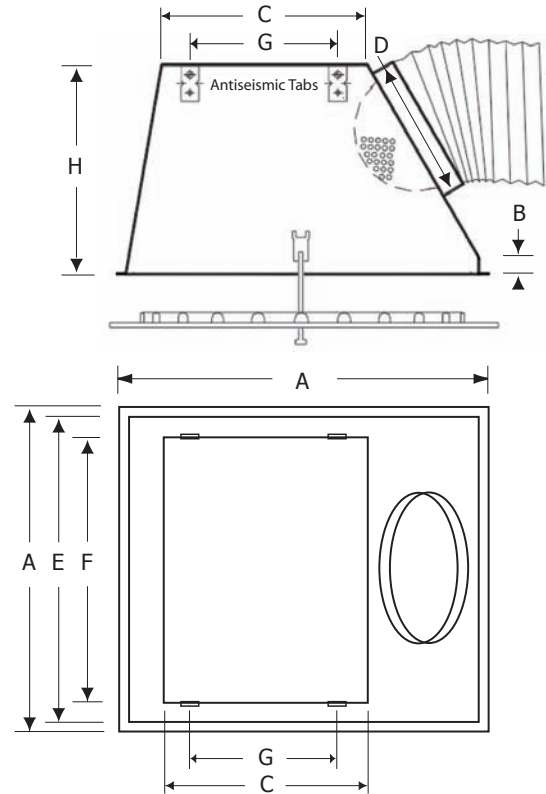
Select Model					
✓	Imperial	A (in)	✓	Metric	A (mm)
	AXO-ALU-S 12	11 ³⁹ / ₆₄ x 11 ³⁹ / ₆₄		AXO-ALU-S 300	295 x 295
	AXO-ALU-S 16	15 ³⁵ / ₆₄ x 15 ³⁵ / ₆₄		AXO-ALU-S 400	395 x 395
	AXO-ALU-S 20	19 ³¹ / ₆₄ x 19 ³¹ / ₆₄		AXO-ALU-S 500	495 x 495
	AXO-ALU-S 24	23 ³ / ₄ x 23 ³ / ₄		AXO-ALU-S 610	605 x 605
	AXO-ALU-S 32	31 ¹⁹ / ₆₄ x 31 ¹⁹ / ₆₄		AXO-ALU-S 800	795 x 795
	AXO-ALU-S300 24	23 ³ / ₄ x 23 ³ / ₄		AXO-ALU-S300 610	605 x 605
	AXO-ALU-S400 24	23 ³ / ₄ x 23 ³ / ₄		AXO-ALU-S400 610	605 x 605
	AXO-ALU-SX 24	23 ³ / ₄ x 23 ³ / ₄		AXO-ALU-SX 610	605 x 605
	AXO-ALU-SY 24	23 ³ / ₄ x 23 ³ / ₄		AXO-ALU-SY 610	605 x 605

Select Options	
<input type="checkbox"/>	Black ABS Vanes
<input type="checkbox"/>	White ABS Vanes

Select Finish	
<input type="checkbox"/>	Powder Coated White RAL9016
<input type="checkbox"/>	Other RAL :



Plenum



PERFAIR-SS

Trapezoidal with side duct connection, recommended for closed ceilings and false ceilings.

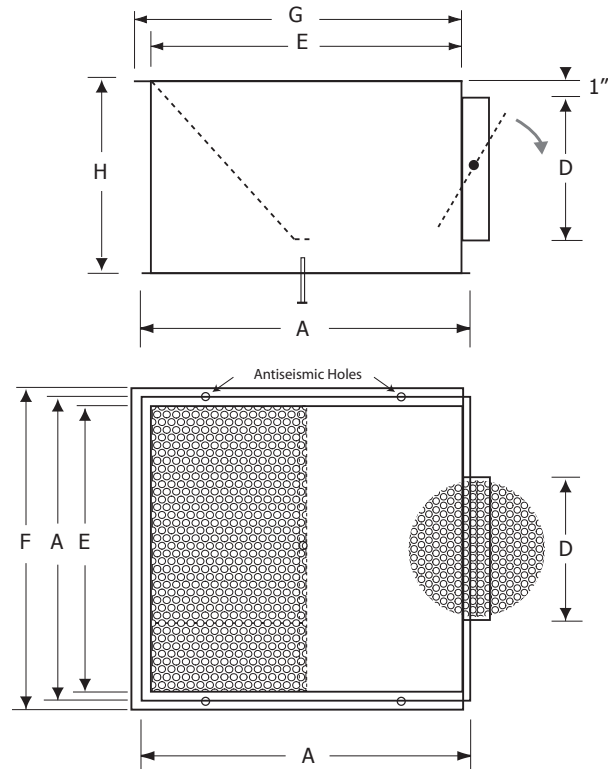
Select Model										
✓	Model	Duct Size	A	B	C	D	E	F	G	H
	PERFAIR-SS 1205	5	11 1/2	1	5 3/4	4 7/8	10 3/4	10 1/2	6 5/8	9 27/32
	PERFAIR-SS 1206	6	11 1/2	1	5 3/4	5 7/8	10 3/4	10 1/2	6 5/8	9 27/32
	PERFAIR-SS 1208	8	11 1/2	1	5 3/4	7 7/8	10 3/4	10 1/2	6 5/8	12
	PERFAIR-SS 1608	8	15 3/8	1	7 1/2	7 7/8	14 5/8	13 5/8	8 5/8	12
	PERFAIR-SS 2010	10	19 1/4	1	8 1/2	9 7/8	18 5/8	17 5/8	8 5/8	12
	PERFAIR-SS 2405	5	23 1/2	1	10 1/2	4 7/8	22 5/8	21 5/8	8 5/8	13 25/32
	PERFAIR-SS 2406	6	23 1/2	1	10 1/2	5 7/8	22 5/8	21 5/8	8 5/8	13 25/32
	PERFAIR-SS 2408	8	23 1/2	1	10 1/2	7 7/8	22 5/8	21 5/8	8 5/8	13 25/32
	PERFAIR-SS 2410	10	23 1/2	1	10 1/2	9 7/8	22 5/8	21 5/8	8 5/8	13 25/32
	PERFAIR-SS 2412	12	23 1/2	1	10 1/2	11 7/8	22 5/8	21 5/8	8 5/8	13 25/32

All dimensions in inches

Plenum (continued)

PERFAIR-SSS

Rectangular with side connection, recommended for open ceilings with rigid duct entering from the side.



Select Model								
✓	Model	Duct Size	A	D	E	F	G	H
	PERFAIR-SSS 1205	5	11 1/2	4 7/8	10 3/4	13 3/4	12 3/4	10
	PERFAIR-SSS 1206	6	11 1/2	5 7/8	10 3/4	13 3/4	12 3/4	10
	PERFAIR-SSS 1208	8	11 1/2	7 7/8	10 3/4	13 3/4	12 3/4	10
	PERFAIR-SSS 1608	8	15 3/8	7 7/8	14 5/8	16 5/8	15 5/8	12
	PERFAIR-SSS 2010	10	19 1/4	9 7/8	18 5/8	21 5/8	19 5/8	14
	PERFAIR-SSS 2405	5	23 1/2	4 7/8	22 5/8	24 5/8	23 5/8	14
	PERFAIR-SSS 2406	6	23 1/2	5 7/8	22 5/8	24 5/8	23 5/8	14
	PERFAIR-SSS 2408	8	23 1/2	7 7/8	22 5/8	24 5/8	23 5/8	14
	PERFAIR-SSS 2410	10	23 1/2	9 7/8	22 5/8	24 5/8	23 5/8	14
	PERFAIR-SSS 2412	12	23 1/2	11 7/8	22 5/8	24 5/8	23 5/8	14

All dimensions in inches

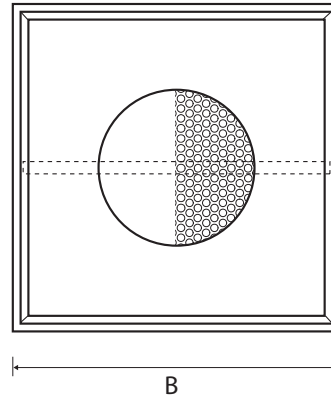
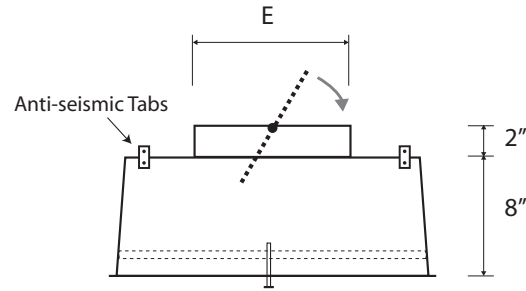
Plenum (continued)

PERFAIR-ST

Top duct connection, recommended for open ceilings with visible duct.

Select Model				
✓	Model	Duct Size	B	E
	PERFAIR-ST 1206	6	11 1/2	5 7/8
	PERFAIR-ST 1208	8	11 1/2	7 7/8
	PERFAIR-ST 2406	6	23 1/2	5 7/8
	PERFAIR-ST 2408	8	23 1/2	7 7/8
	PERFAIR-ST 2410	10	23 1/2	9 7/8
	PERFAIR-ST 2412	12	23 1/2	11 7/8

All dimensions in inches

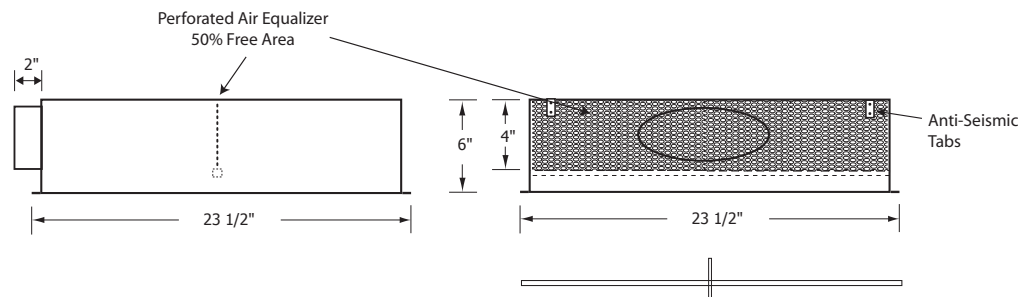
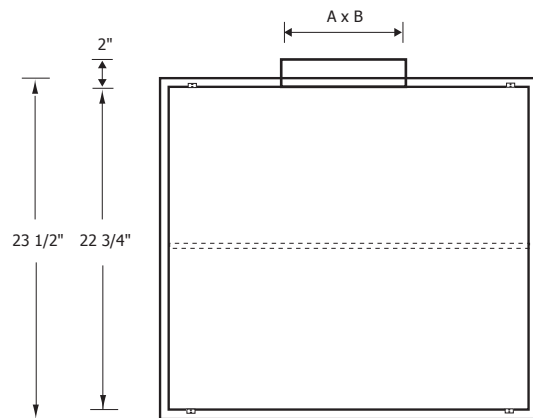


PERFAIR-XS

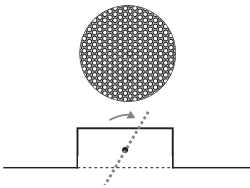
Compact plenum with side duct connection, recommended when height in the ceiling is between 6" and 14".

Select Model				
✓	Model	Duct Size	A	B
	PERFAIR-XS 2404	4	3 7/8	3 7/8
	PERFAIR-XS 2405	5	4 7/8	4 7/8
	PERFAIR-XS 2406	6	7 9/16	3 1/8
	PERFAIR-XS 2408	8	10 1/2	3 1/4

All dimensions in inches

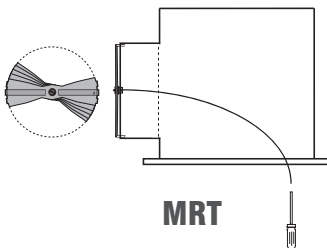


Air Volume Dampers



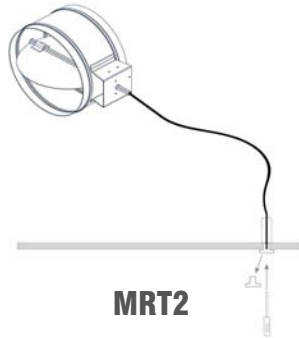
R

Perforated damper +
air equalizer



MRT

Manually operated damper,
cable inside the plenum,
adjustment through face



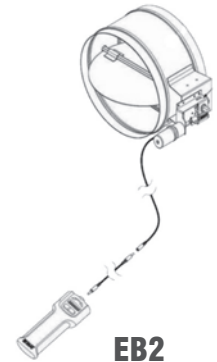
MRT2

Manually operated damper,
cable through drywall with
termination fixture



EB

Battery operated
electro-balance damper
with remote control,
cable through face



EB2

Battery operated
electro-balance damper
with remote control,
cable through drywall
with termination fixture

Insulation		
AL		1/2" Interior Accoustical Liner
AL1		1" Interior Accoustical Liner
R6		2" Exterior R6 Thermal Insulation

Neck-Installed Air Volume Damper		
R		Perforated air volume damper/equalizer
MRT		Manually operated, cable thru face
MRT2		Manually operated, termination fixture
EB		Electro-balanced, battery powered, cable thru face
EB2		Electro-balanced, battery powered, termination fixture

Cable Length (MRT2 or EB2)		

<p>Project:</p> <p>Engineer:</p> <p>Architect:</p> <p>Contractor:</p>
