

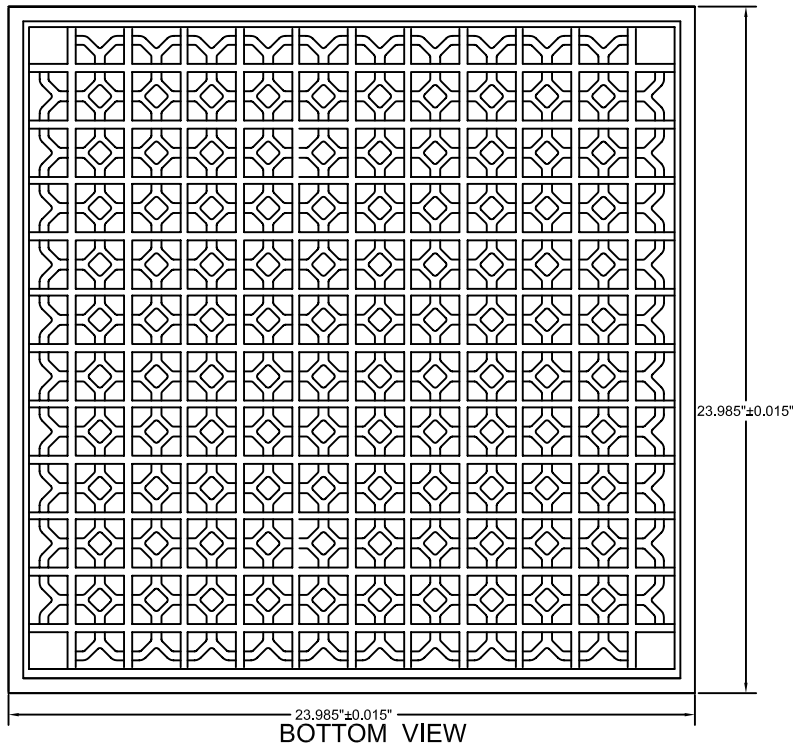
**SPECIFICATIONS:**

- Die cast aluminum construction, powder coated
- Interchangeable with most steel panel systems
- 56% open area
- Panel size: 24 inches square
- Panel weight: 19.5lb
- Non combustible material
- Class A flame spread rating
- Available with or without damper
- Works on 2'x2' stringer system or 4' basket weave

**COATING OPTIONS**

- Bare mill finish textured
- Powder coated

STATIC PRESSURE (IN. OF WATER)	NO DAMPER ( CFM)	WITH DAMPER ( CFM)
0.01	876	418
0.02	1208	636
0.03	1636	770
0.04	1798	878
0.05	2002	976
0.06	2228	1026
0.07	2410	1092
0.08	2586	1184
0.09	2776	1310
0.1	2960	1522



**Performance selection chart:**

System type	
Panel	Aluminum Grate
Understructure	Bolted stringer
System weight	6.35lbs/sq. ft
Static Load	
Concentrated Loads	1500lbf
Top Surface Deflection	0.09"(2.29mm)
Uniform Loads	450psf
Ultimate Loads	2871 lbf
Rolling loads	
10000 Passes	800 lbf
Impact loads	
	198 lbf

NOTES: All dimensions are in metric unless otherwise specified.  
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DWG TITLE AF500  
ACCEL AIR GRATE

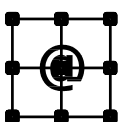
DWN A.X. CHCKD

MODEL NO.

DATE FEB. 2006 APPR.

DWG. NO. ASM-1060

SCALE NTS PAPER SIZE A SHEET 1 OF 1



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