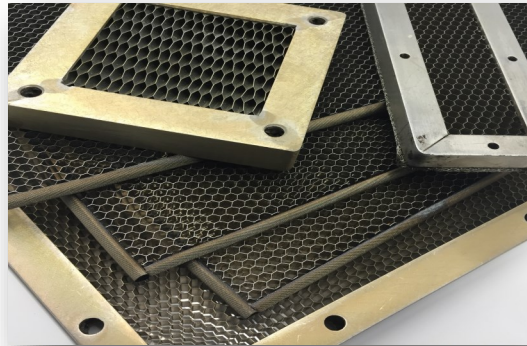
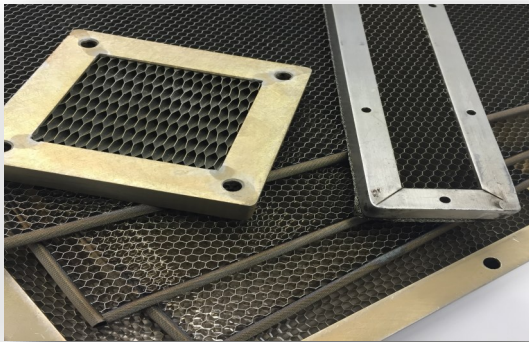


SHIELDED VENT PANELS

ECS400 SERIES



ECS400 aluminum shielded air vent panels are created from an aluminum honeycomb medium installed in an aluminum casing. The honeycomb allows for maximum levels of shielding while ensuring the least possible resistance to air flow.

APPLICATIONS

Recommended use for East Coast Shielding ECS 400 vents is to install into electric equipment enclosures that require high levels of EMI shielding as well as sufficient ventilation. East Coast Shielding vents can be installed necessitating on either the inlet or outlet air flows.

AVAILABLE CONFIGURATIONS

Our vents are typically assembled from 0.500" (12.70) thickness, 90-degree aluminum honeycomb with a cell size of 0.125" (3.18), but the honeycomb is also offered 0.250 (6.35) thickness and cell sizes of 0.062" (1.57) and 0.188" (4.78). Slanted cells are also available at 30, 45, and 60 degrees from the horizontal for drip proof construction. Vents with panels including captive inserts (with or without-holes) are available for mounting purposes. The finished construction can be chromate conversion coated or tin-plated for additional protection. East Coast Shielding vents are supplied with attached mesh, strip, or conductive silicon fabricated gaskets. For addi-

MATERIAL SPECIFICATIONS

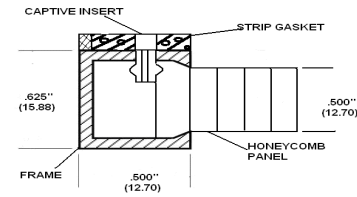
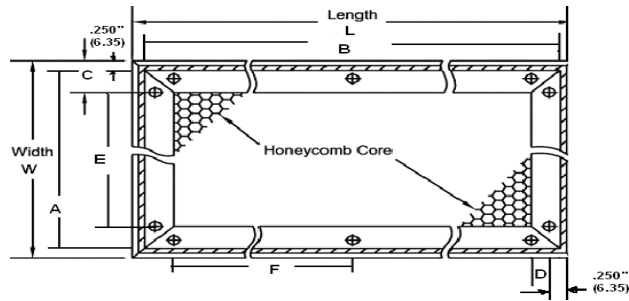
Frame	Aluminum alloy 6063-T4 per QQ-A-200/8
Honeycomb	MIL-C-7438
Fastener	Aluminum captive insert, 8-32 UNC-3B
Chromate Finish	MIL-C-5541C
Tin-Plating	MIL-T-10727

TYPICAL SHIELDING PERFORMANCE FOR .125 THK x .500 Thk VENT

HONEYCOMB FINISH	H-Field 100 KHZ	E-FIELD 10 MHZ	PLANE WAVE 1 GHZ	PLANE WAVE 10GHZ
Chemical Film	40 dB	75 dB	60 dB	40 dB
Tin	70 dB	125 dB	100 dB	80 dB
Nickel	75 dB	130dB	115 Db	100 dB

SHIELDED VENT PANELS

ECS400 SERIES



OVERALL DIMENSIONS		EFFECTIVE AIR FLOW AREA			FRAME DIMENSIONS		HOLE SPACING		NO. FASTENERS		Part No	Part No	Part No
							SIDE (W)	SIDE (L)	SIDE	SIDE	Std. 8.32	Std. .204	No Holes
W	L	IN (CM)	A	B	C	D	E	F	W	L	Fasteners	Holes	Fasteners
3(76.20)	3(76.20)	4 (25.81)	2(50.80)	2(50.80)	1.25(31.75)	1.25	-	-	1	1	ECS400-10	ECS400-11	ECS400-12
4(101.60)	4(101.60)	9(58)	3(76.20)	3(76.20)	1.75(44.45)	1.75 (44.45)	-	-	1	1	ECS400-13	ECS400-14	ECS400-15
4(101.60)	6(152.40)	15(97)	3(76.20)	5(127.00)	1.75(44.45)	1.00 (25.40)	3.50(88.90)		1	2	ECS400-16	ECS400-17	ECS400-18
4(101.60)	8(203.20)	21(135)	3(76.20)	7(177.80)	1.75(44.45)	0.75 (19.05)	3.00(76.20)		1	3	ECS400-19	ECS400-20	ECS400-21
4(101.60)	12(304.80)	33(213)	3(76.20)	11(279.40)	1.75(44.45)	1.25 (31.75)	3.00(76.20)		1	4	ECS400-22	ECS400-23	ECS400-24
5(127.00)	5(127.00)	16(103)	4(101.60)	4(101.60)	2.25(57.15)	0.75 (19.05)	3.00(76.20)		1	2	ECS400-25	ECS400-26	ECS400-27
5(127.00)	7(177.80)	24(155)	4(101.60)	6(152.40)	2.25(57.15)	1.50 (38.10)	3.50(88.90)		1	2	ECS400-28	ECS400-29	ECS400-30
5(127.00)	10(254.00)	36(232)	4(101.60)	9(228.60)	2.25(57.15)	1.25 (31.75)	3.50(88.90)		1	3	ECS400-31	ECS400-32	ECS400-33
6(152.40)	6(152.40)	25(161)	5(127.00)	5(127.00)	1.00(25.40)	1.00 (25.40)	3.50(88.90)	3.50(88.90)	2	2	ECS400-34	ECS400-35	ECS400-36
6(152.40)	8(203.20)	35(226)	5(127.00)	7(177.80)	1.25(31.75)	0.75 (19.05)	3.00(76.20)	3.00(76.20)	2	3	ECS400-37	ECS400-38	ECS400-39
6(152.40)	12(304.80)	55(355)	5(127.00)	11(279.40)	1.00(25.40)	1.25 (31.75)	3.00(76.20)	3.50(88.90)	2	4	ECS400-41	ECS400-42	ECS400-43
6(152.40)	18(457.20)	85(548)	5(127.00)	17(431.80)	1.00(25.40)	1.25 (31.75)	3.75(95.25)	3.50(88.90)	2	5	ECS400-44	ECS400-45	ECS400-46
7(177.80)	7(177.80)	36(232)	6(152.40)	6(152.40)	1.50(38.10)	1.50 (38.10)	3.50(88.90)	3.50(88.90)	2	3	ECS400-47	ECS400-48	ECS400-49
7(177.80)	10(254.00)	54(348)	6(152.40)	9(228.60)	1.50(38.10)	1.25 (31.75)	3.50(88.90)	3.50(88.90)	2	3	ECS400-50	ECS400-51	ECS400-52
7(177.80)	14(355.60)	78(503)	6(152.40)	13(330.20)	1.50(38.10)	1.50 (38.10)	3.50(88.90)	3.50(88.90)	2	4	ECS400-53	ECS400-54	ECS400-55
8(203.20)	8(203.20)	49(316)	7(177.80)	7(177.80)	2.00(50.80)	0.75 (19.05)	3.00(76.20)	3.50(88.90)	2	3	ECS400-56	ECS400-57	ECS400-58
8(203.20)	12(304.80)	77(497)	7(177.80)	11(279.40)	0.75(19.05)	1.25 (31.75)	3.00(76.20)	3.00(76.20)	3	4	ECS400-59	ECS400-60	ECS400-61
8(203.20)	16(406.40)	105(677)	7(177.80)	15(381.00)	0.75(19.05)	1.25 (31.75)	3.25(82.55)	3.00(76.20)	3	5	ECS400-62	ECS400-63	ECS400-64
10(254.00)	10(254.00)	81(522)	9(228.60)	9(228.60)	1.25(31.75)	1.25 (31.75)	3.50(88.90)	3.50(88.90)	3	3	ECS400-65	ECS400-66	ECS400-67
10(254.00)	14(355.60)	117(755)	9(228.60)	13(330.20)	1.25(31.75)	1.50 (38.10)	3.50(88.90)	3.50(88.90)	3	4	ECS400-68	ECS400-69	ECS400-70
10(254.00)	18(457.20)	153(987)	9(228.60)	17(431.80)	1.25(31.75)	1.25 (31.75)	3.75(95.25)	3.50(88.90)	3	5	ECS400-71	ECS400-72	ECS400-73
12(304.80)	12(304.80)	121(780)	11(279.40)	11(279.40)	1.25(31.75)	1.25 (31.75)	3.00(76.20)	3.00(76.20)	4	4	ECS400-74	ECS400-75	ECS400-76
12(304.80)	16(406.40)	165(1064)	11(279.40)	15(381.00)	1.25(31.75)	1.25 (31.75)	3.25(82.55)	3.00(76.20)	4	5	ECS400-77	ECS400-78	ECS400-79
12(304.80)	20(508.00)	209(1348)	11(279.40)	19(482.60)	1.25(31.75)	1.00 (25.40)	3.50(88.90)	3.00(76.20)	4	6	ECS400-80	ECS400-81	ECS400-82
12(304.80)	24(609.60)	253(1632)	11(279.40)	23(584.20)	1.25(31.75)	1.25 (31.75)	3.50(88.90)	3.00(76.20)	4	7	ECS400-83	ECS400-84	ECS400-85