

# MODEL EA-640-DR

Extruded Aluminum Louver • 6" Deep • 45° Drain Blades • Stationary • Recessed Mullion • Continuous Line

## Continuous Line

### Standard Materials and Construction

**FRAME:** .081" thick (nominal) extruded aluminum, 6063-T52/T6 alloy.

**BLADE:** .125" thick (nominal) extruded aluminum, 6063-T52/T6 alloy. Blades are at 45° angle and approximately 5<sup>3</sup>/<sub>8</sub>" on centers.

**LOUVER FACE:** Full width sill, with blades and head contained in jambs.

**SCREEN:** (When indicated.)

1/2" flattened aluminum (.051" thick),

-or- 1/2" sq. mesh, intermediate double-crimped aluminum wire, .063" dia.,

-or- 1<sup>5</sup>/<sub>16</sub>" mesh, .011" dia. aluminum wire, insect screen.

**FINISH:** Mill

### Options

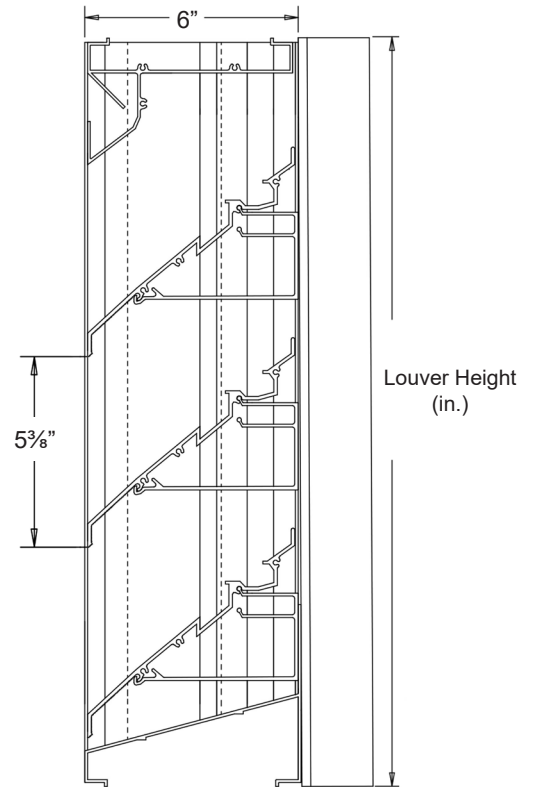
Finish - Baked Enamel, Kynar, Anodize

### Notes

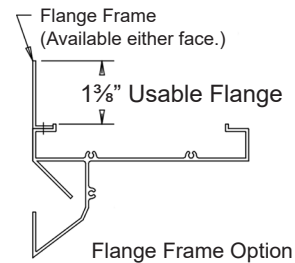
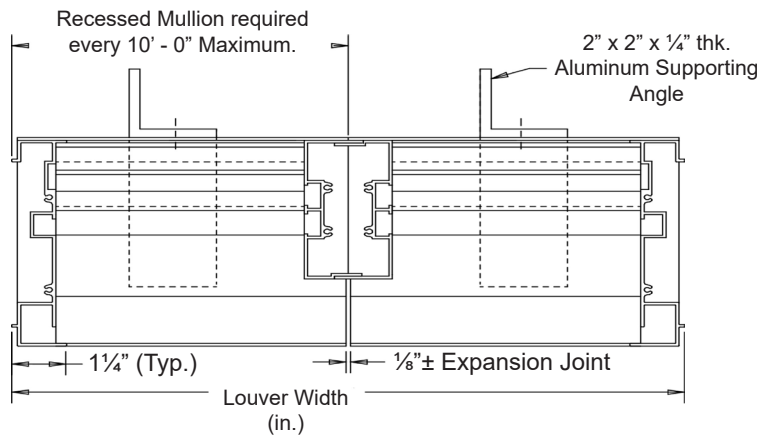
1. Nominal deductions will be made to the opening size given.
  2. Louvers shall withstand a windload of 20 PSF for a single panel.
  3. Consult the factory to substitute other load requirements.
- Approximate shipping weight is 4.0 lbs./sq.ft.

### Louver Sizes

Min Panel	Max Single Panel
12"W x 12"H	120"W x 60"H 60"W x 120"H



Not to scale.



Item #	Qty	Width	Height	Width	Height	Mullion	Type	Location	Union Made
		Opening Size		Louver Size			Screens		
Arch. / Eng.:						EDR:	ECN:	Job:	
Contractor:									
Project:						Date:	DWN:	DWG:	

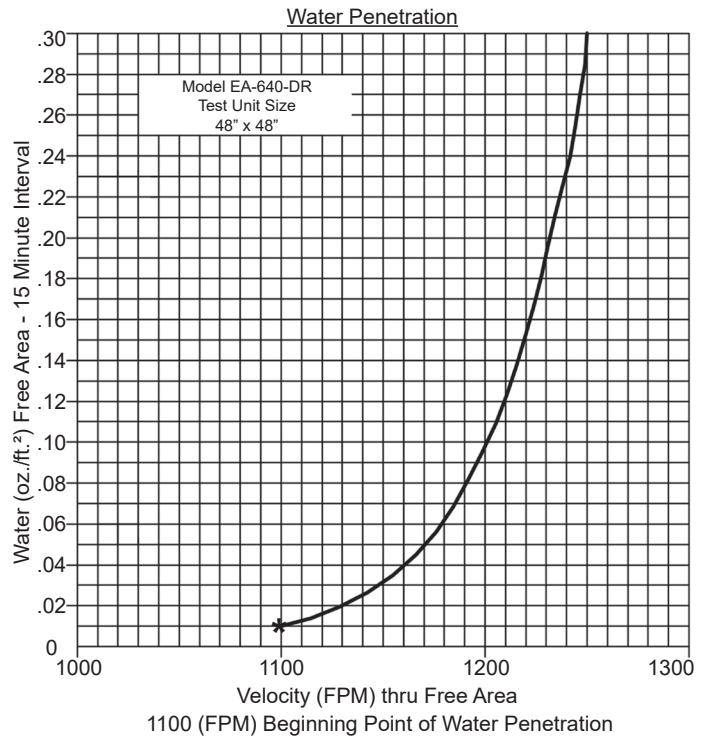
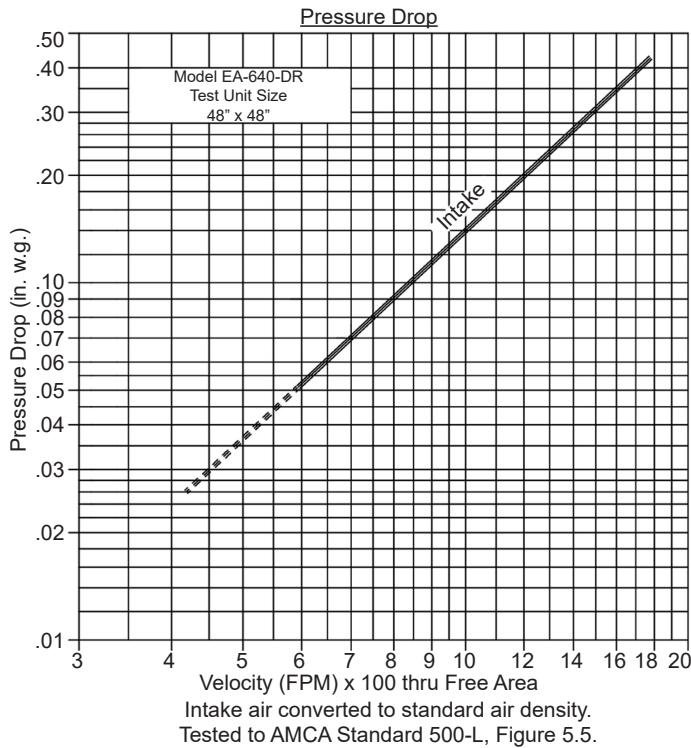
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Performance Data

Pressure Drop: .10 in. w.g. at 800 fpm (intake)  
 Free Area: 8.40 sq.ft. = 53% for 48"W x 48"H sample tested in accordance with AMCA Standard 500-L.

Beginning Point of Water Penetration: 1100 FPM

Ratings do not include effects of a screen.



Free Area (sq.ft.)

	Width (in.)																		
	12"	18"	24"	30"	36"	42"	48"	54"	60"	66"	72"	78"	84"	90"	96"	102"	108"	114"	120"
12"	.23	.38	.52	.67	.81	.96	1.10	1.25	1.39	1.54	1.68	1.83	1.97	2.12	2.26	2.41	2.56	2.70	2.85
24"	.77	1.26	1.75	2.23	2.72	3.21	3.70	4.18	4.67	5.16	5.64	6.13	6.62	7.11	7.59	8.08	8.57	9.06	9.54
36"	1.24	2.02	2.81	3.59	4.37	5.15	5.94	6.72	7.50	8.29	9.07	9.85	10.64	11.42	12.20	12.98	13.77	14.55	15.33
48"	1.78	2.91	4.03	5.16	6.28	7.41	8.40	9.66	10.78	11.91	13.03	14.16	15.28	16.41	17.53	18.66	19.78	20.91	22.03
60"	2.33	3.79	5.26	6.73	8.20	9.67	11.14	12.61	14.08	15.54	17.01	18.48	19.95	21.42	22.89	24.36	25.83	27.29	28.76
72"	2.82	4.60	6.38	8.16	9.94	11.72	13.50	15.28	17.06	18.83	20.61	22.39	24.17	25.95	27.73	29.51	31.29	33.07	34.85
84"	3.30	5.38	7.46	9.54	11.62	13.70	15.78	17.87	19.95	22.03	24.11	26.19	28.27	30.35	32.44	34.52	36.60	38.68	40.76
96"	4.02	6.56	9.11	11.65	14.19	16.73	19.27	21.81	24.35	26.89	29.43	31.97	34.51	37.06	39.60	42.14	44.68	47.22	49.76
108"	4.38	7.14	9.91	12.68	15.44	18.21	20.97	23.74	26.50	29.27	32.04	34.80	37.57	40.33	43.10	45.86	48.63	51.39	54.16
120"	4.88	7.96	11.04	14.13	17.21	20.29	23.37	26.45	29.54	32.62	35.70	38.78	41.87	44.95	48.03	51.11	54.19	57.28	60.36



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