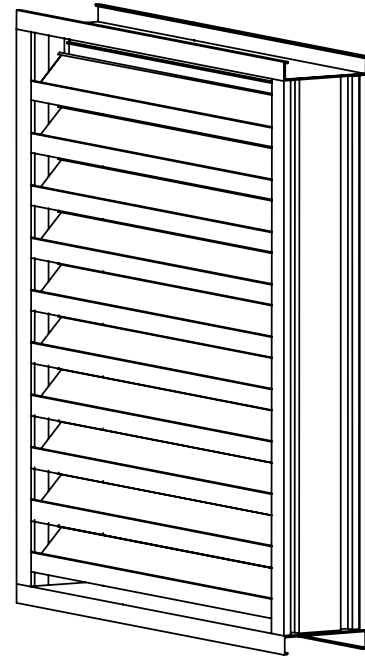
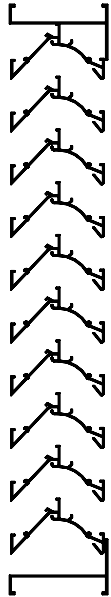




LOUVERS & DAMPERS

**NEW 2590 EXTRUDED ALUMINIUM WIND DRIVEN RAIN LOUVER**



Quantity	Ref. #	Width (W) Opening Size*	Height (H) Opening Size*	Frame	Accessories
<b>PROJECT NAME:</b>				<b>ENGINEER:</b>	
<b>CONTRACTOR:</b>				<b>SUBMITTAL DATE:</b>	

**STANDARD CONSTRUCTION**

**Depth:** 5 1/16 Inches (129 mm)  
**Frame Style:** Specify 2590 For Channel Frame Only  
**Frame Thickness:** .081" (2.06 mm) 6063-T5 Aluminium  
**Blade Thickness:** .063" (1.6 mm) 6063-T5 Aluminium  
**Blade Centres:** 2 3/4 Inches (70 mm)  
**Blade Angle:** 35 Degrees  
**Minimum Height:** 12 Inches (305 mm)  
**Maximum Panel Width:** 60 Inches (1524 mm)  
**Maximum Panel Height:** 120 Inches (3048 mm)  
**Standard Finish:** Mill  
**Standard Birdscreen:** 1/2" x 1/2" Galvanized  
**Standard Drain Sill Required:** 6" Deep  
**Free Area of 48" x 48" Unit:** 7.43 Sq.ft. (0.69 m²) Free Area  
**Free Area Percentage:** 46.5% Percent

**AVAILABLE ACCESSORIES**

**Bird Screen:** 1/4 x 1/4 Inter Crimped Aluminium  
 1/2 x 1/2 Inter Crimped Aluminium  
**Insect Screen:** 18 x 14 Mesh  
**Finish:** Mill Finish (Standard)  
 Paint Color #: V  
**Anodized Finish:** Clear Light Bronze  
 Medium Bronze Dark Bronze  
**Accessories:** Aluminium Blank Off Panel  
 1" or 2" Insulated Blank Off Panel  
 Assembled with Stainless Steel Fasteners  
 All Welded Construction  
 Hinged Access Door  
 Security Bars  
 Extended Sills  
 Extended Sleeves  
 Filter racks

\*Louver will be manufactured 1/2" smaller than given opening dimensions, unless otherwise specified.



**Model 2590**

**Free Area in Square Feet**

		WIDTH IN INCHES								
		12	18	24	30	36	42	48	54	60
H	12	0.19	0.33	0.46	0.60	0.74	0.88	1.01	1.15	1.29
	18	0.39	0.67	0.95	1.23	1.51	1.79	2.07	2.35	2.63
	24	0.60	1.03	1.46	1.90	2.33	2.76	3.20	3.63	4.06
	30	0.81	1.40	1.98	2.57	3.16	3.75	4.33	4.92	5.51
	36	1.02	1.76	2.50	3.24	3.98	4.71	5.45	6.19	6.93
E	42	1.20	2.07	2.95	3.82	4.69	5.57	6.44	7.31	8.19
	48	1.39	2.39	3.40	4.41	5.42	6.43	7.43	8.44	9.45
I	54	1.59	2.75	3.91	5.07	6.23	7.39	8.55	9.71	10.87
	60	1.81	3.12	4.43	5.75	7.06	8.37	9.69	11.00	12.31
G	66	2.02	3.49	4.95	6.42	7.89	9.36	10.82	12.29	13.76
	72	2.21	3.82	5.43	7.04	8.65	10.26	11.86	13.47	15.08
H	78	2.40	4.14	5.88	7.62	9.37	11.11	12.85	14.59	16.34
	84	2.59	4.48	6.36	8.25	10.13	12.02	13.90	15.79	17.67
T	90	2.80	4.84	6.88	8.92	10.96	13.00	15.03	17.07	19.11
	96	3.02	5.21	7.40	9.59	11.79	13.98	16.17	18.36	20.56
	102	3.22	5.57	7.91	10.26	12.60	14.94	17.29	19.63	21.98
	108	3.41	5.89	8.36	10.84	13.32	15.80	18.28	20.75	23.23
	114	3.59	6.21	8.82	11.43	14.05	16.66	19.27	21.88	24.50
	120	3.80	6.57	9.33	12.09	14.86	17.62	20.39	23.15	25.92

**Percentage Free Area**

		WIDTH IN INCHES								
		12	18	24	30	36	42	48	54	60
H	12	18.9%	21.8	23.2	24.0	24.6	25.0	25.3	25.6	25.8
	18	25.7	29.6	31.5	32.7	33.5	34.0	34.4	34.8	35.0
	24	29.8	34.3	36.6	37.9	38.8	39.5	40.0	40.3	40.6
	30	32.3	37.2	39.7	41.1	42.1	42.8	43.3	43.8	44.1
	36	33.9	39.0	41.6	43.1	44.2	44.9	45.5	45.9	46.2
E	42	34.3	39.5	42.1	43.7	44.7	45.4	46.0	46.4	46.8
	48	34.7	39.9	42.5	44.1	45.2	45.9	46.5	46.9	47.3
I	54	35.4	40.8	43.5	45.1	46.2	46.9	47.5	47.9	48.3
	60	36.1	41.6	44.3	46.0	47.1	47.8	48.4	48.9	49.3
G	66	36.7	42.2	45.0	46.7	47.8	48.6	49.2	49.7	50.0
	72	36.9	42.5	45.2	46.9	48.0	48.8	49.4	49.9	50.3
H	78	36.9	42.4	45.2	46.9	48.0	48.8	49.4	49.9	50.3
	84	37.0	42.6	45.4	47.1	48.3	49.1	49.7	50.1	50.5
T	90	37.4	43.0	45.9	47.6	48.7	49.5	50.1	50.6	51.0
	96	37.7	43.4	46.3	48.0	49.1	49.9	50.5	51.0	51.4
	102	37.9	43.7	46.5	48.3	49.4	50.2	50.9	51.3	51.7
	108	37.9	43.6	46.5	48.2	49.3	50.2	50.8	51.2	51.6
	114	37.8	43.6	46.4	48.1	49.3	50.1	50.7	51.2	51.6
	120	38.0	43.8	46.6	48.4	49.5	50.3	51.0	51.4	51.8