

Veotec SETH-20 ALU Class A rated wind driven rain electrically heated louvers melt snow and provide anti-icing protection in freezing conditions. Heated louvers can prevent harmful buildup of snow, ice or hoar frost. SETH-20 ALU vertical louvers efficiently remove sea spray, mist, drift, rain droplet, bulk water, salt and other fine aerosol from air inlets. These heated louvers can also be customized to include features like bird screens, insect screens, fans, dampers, filters, and acoustic attenuation with hinged door options for easy filter and downstream equipment access.

Features

- Made in the USA
- Class A rated on AMCA Wind Driven Rain Performance
- AMCA 540 Enhanced (Missile E) Listed
- High efficiency water droplet / mist / drift removal
- Superior snow melt and anti-icing with possible air temperature rise
- Designed for extreme offshore, power generation, datacenter, marine, HVAC, mobile trailer and critical airflow applications
- Low airflow resistance
- Compact size and light weight
- Durable corrosion resistant materials
- Long term reliability with low maintenance
- Available in custom sizes to suit customer needs
- Many water drainage options are available



CAD Revit Files Available Here: <https://veotecamericas.com/resources/>



Veotec Americas certifies that the SETH-20 ALU louver shown herein is licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 511 and comply with the requirements of the AMCA Certified Ratings Program. The AMCA Certified Ratings Seal applies to air performance, wind driven rain and impact resistance ratings only.

Standard Construction:

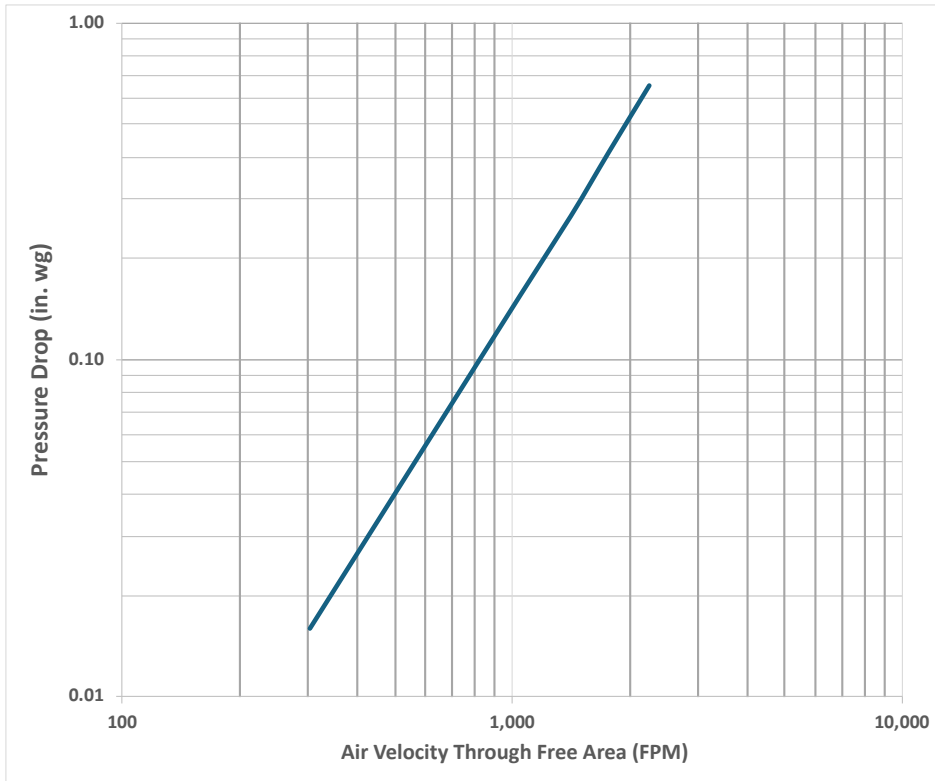
Louver: 6063 T6 extruded aluminum louvers, mill finish
 Frame: Aluminum or Stainless formed and extruded construction
 Hardware: 304 / 316 Stainless rods and fasteners
 Spacers: Durable UV resistant, outdoor stable, nylon spacers

Options:

- 200 watt per sq. ft. to 2100 watt per sq. ft. of electrical heating
- Star and Delta wiring for 120V – 600V power supplies
- 6063 T6 Extruded aluminum or 5052 formed aluminum frames
- 304 or 316 stainless formed frames
- Front flange flush mounting
- Rear flange surface mounting
- Double flange mounting
- Box frame - No flange frame
- Penthouse style housings are available
- Hinged for Easy Access (Locking features available)
- Mullions for large openings and panel arrays
- Filter holding frames are available
- Bird screens – stainless or aluminum screens
- Insect screens – stainless or polypropylene screens
- Optional powder coat and paint available
- Damper options are available
- Flange and mounting hole patterns per customer specifications



Initial Restriction: SETH20-ALU Louver per ANSI / AMCA standard 500-L-23



Free Area: SETH-20 ALU has 47.1% Free Area at 48" x 48" per ANSI / AMCA standard 500-L-23

		Width (inches)										
		12	24	36	39.5	48	60	72	84	96	108	120
Height (inches)	12	0.23	0.66	1.08	1.21	1.51	1.93	2.36	2.78	3.21	3.63	4.06
	24	0.54	1.53	2.52	2.81	3.51	4.51	5.50	6.49	7.48	8.48	9.47
	36	0.84	2.40	3.96	4.42	5.52	7.08	8.64	10.20	11.76	13.32	14.88
	39.5	0.93	2.66	4.38	4.89	6.11	7.83	9.56	11.28	13.01	14.73	16.46
	48	1.15	3.28	5.41	6.03	7.53	9.66	11.78	13.91	16.04	18.16	20.29
	60	1.46	4.15	6.85	7.63	9.54	12.23	14.93	17.62	20.31	23.01	25.70
	72	1.77	5.03	8.29	9.24	11.55	14.81	18.07	21.33	24.59	27.85	31.11
	84	2.07	5.90	9.73	10.85	13.56	17.38	21.21	25.04	28.87	32.70	36.52
	96	2.38	6.78	11.17	12.45	15.57	19.96	24.36	28.75	33.15	37.54	41.94
	108	2.69	7.65	12.61	14.06	17.57	22.54	27.50	32.46	37.42	42.38	47.35
	120	2.99	8.52	14.05	15.67	19.58	25.11	30.64	36.17	41.70	47.23	52.76

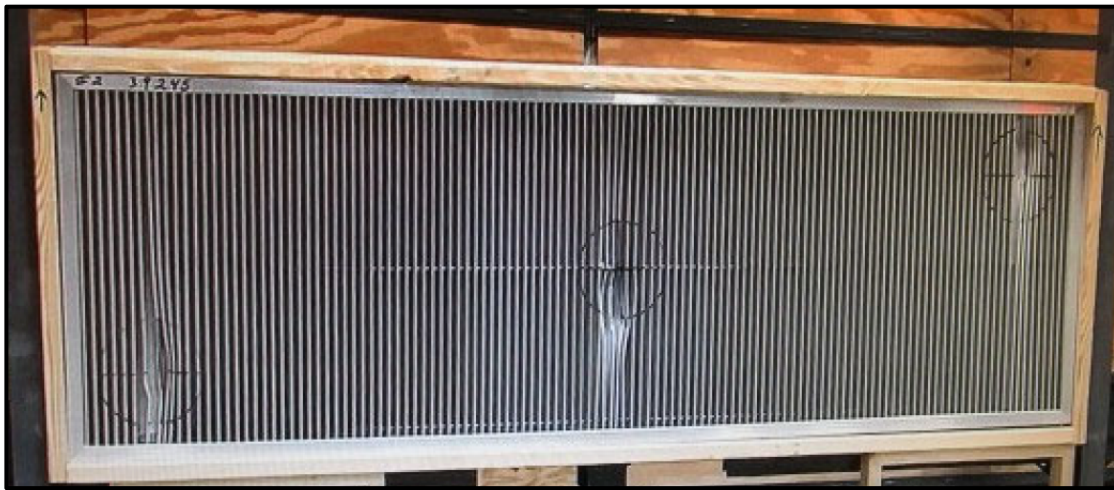


Wind Driven Rain Performance: SETH-20 ALU Tested per ANSI / AMCA Standard 500-L-23

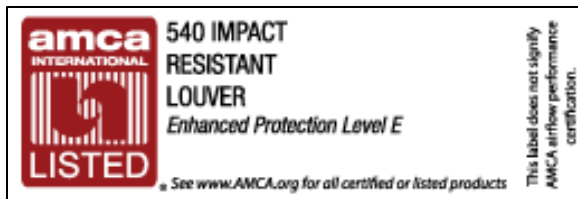
Wind Velocity Through Cal Plate (FPM)	Core Velocity Through Louver (FPM)	Rainfall Rate (Gallons/hr.)	Water Penetration Effectiveness	Water Penetration Classification
987.36	988.23	53.69	100.0%	A

Tested per ANSI / AMCA Standard 500-L-23 (Wind Driven Rain 50 MPH - 3.5 m/s), Figure 5.11, 1m x 1m core

Impact Performance: SETH-20 ALU is AMCA 540 Enhanced (Missile E) Passed and Listed



The AMCA International Listing Label applies to wind borne debris impact resistant louvers rated for 'Enhanced Protection.'



Revit CAD Files Available at: <https://veotecamericas.com/resources/>