



Model DC-AGV

Aluminum Gravity Ventilator

Specifications

Application:

Model DC-AGV is an aluminum gravity ventilator designed, engineered, and tested to provide air intake or relief while providing protection against severe hurricane environments. The DC-AGV meets the following test protocols:

- TAS 201-94 (Missile Impact Test)
- TAS 202-94 (Uniform Static Air Pressure Test)
- TAS 203-94 (Cyclic Wind Pressure Loading Test)

Design load pressure of 120psf achieved with a shell size of 96"W x 144"L utilizing a 42" roof curb.

Standard Construction:

- Shell: .081" Thick Aluminum
- Curb Skirt: 2" x 3" x .188" Aluminum Angle
- Interior Subframe: Aluminum Angle
- Bird Screen: Expanded Aluminum
- Finish: Standard Mill Finish

Sizes:

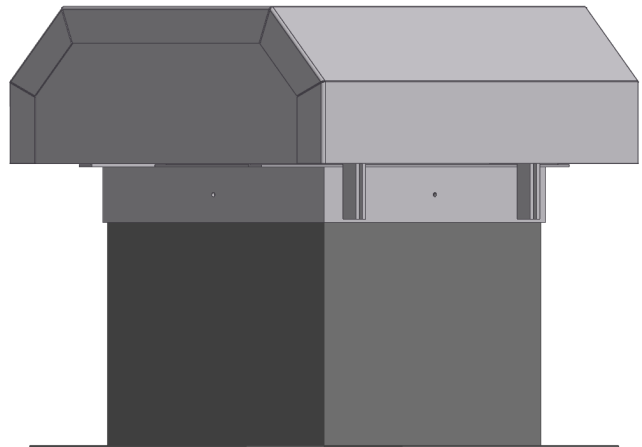
- Max Shell: 96"W x 144"L
- Min Shell: 24"W x 24"L
- See Page 2 for Throat and Shell Sizing Chart

Wind Load Performance:

- +/- 120 psf at 96"W x 144"L
- +/- 180 psf at 48"W x 48"L
- Air performance data sheets available

Options:

- Hinged
- Filter Racks
- Insect Screen
- Anticondensate Coating
- Powder Coating



Throat Dimensions	Hood Size								
	1:1 Ratio			1.5:1 Ratio			2:1 Ratio		
	W x L	W (in)	L (in)	W x L	W (in)	L (in)	W x L	W (in)	L (in)
8 x 8	18 x 18	18	18	18 x 18	18	18	18 x 24	18	24
10 x 10	24 x 18	24	18	24 x 18	24	18	24 x 18	24	18
12 x 12	24 x 24	24	24	24 x 24	24	24	24 x 30	24	30
14 x 14	30 x 24	30	24	30 x 24	30	24	30 x 30	30	30
16 x 16	30 x 24	30	24	30 x 30	30	30	36 x 30	36	30
18 x 18	36 x 30	36	30	36 x 30	36	30	36 x 36	36	36
18 x 20	36 x 30	36	30	30 x 42	30	42	36 x 42	36	42
20 x 20	36 x 30	36	30	36 x 36	36	36	42 x 36	42	36
22 x 22	36 x 36	36	36	36 x 48	36	48	42 x 54	42	54
22 x 24	36 x 42	36	42	36 x 48	36	48	48 x 42	48	42
24 x 24	42 x 36	42	36	42 x 54	42	54	42 x 60	42	60
24 x 28	42 x 42	42	42	42 x 60	42	60	42 x 66	42	66
26 x 26	42 x 42	42	42	48 x 42	48	42	48 x 60	48	60
26 x 28	42 x 48	42	48	48 x 48	48	48	54 x 54	54	54
28 x 28	48 x 42	48	42	48 x 60	48	60	54 x 60	54	60
30 x 30	54 x 48	54	48	54 x 54	54	54	66 x 54	66	54
30 x 32	54 x 48	54	48	54 x 60	54	60	54 x 72	54	72
30 x 36	54 x 54	54	54	54 x 66	54	66	54 x 78	54	78
32 x 32	54 x 54	54	54	54 x 66	54	66	66 x 60	66	60
32 x 36	54 x 60	54	60	54 x 72	54	72	66 x 66	66	66
34 x 34	60 x 54	60	54	60 x 66	60	66	66 x 66	66	66
34 x 36	60 x 54	60	54	60 x 66	60	66	66 x 72	66	72
34 x 40	60 x 60	60	60	60 x 72	60	72	66 x 78	66	78
36 x 36	60 x 60	60	60	60 x 72	60	72	60 x 84	60	84
36 x 40	60 x 66	60	66	60 x 78	60	78	60 x 90	60	90
36 x 44	60 x 72	60	72	60 x 84	60	84	66 x 90	66	90
40 x 40	66 x 66	66	66	72 x 72	72	72	72 x 84	72	84
40 x 44	66 x 72	66	72	72 x 78	72	78	72 x 90	72	90
40 x 48	66 x 78	66	78	72 x 84	72	84	78 x 90	78	90
44 x 44	72 x 66	72	66	72 x 84	72	84	78 x 90	78	90
44 x 48	72 x 72	72	72	72 x 90	72	90	72 x 108	72	108
44 x 52	72 x 78	72	78	72 x 96	72	96	78 x 108	78	108
48 x 48	78 x 72	78	72	90 x 78	90	78	84 x 102	84	102
48 x 52	78 x 78	78	78	90 x 84	90	84	84 x 108	84	108
48 x 56	78 x 84	78	84	90 x 90	90	90	84 x 114	84	114
48 x 60	78 x 90	78	90	90 x 96	90	96	84 x 120	84	120
48 x 64	78 x 96	78	96	90 x 102	90	102	84 x 132	84	132
48 x 68	78 x 102	78	102	90 x 108	90	108	84 x 138	84	138
48 x 72	78 x 108	78	108	90 x 114	90	114	84 x 144	84	144
48 x 76	78 x 114	78	114	90 x 120	90	120	96 x 132	96	132
52 x 52	84 x 78	84	78	96 x 84	96	84	90 x 108	90	108
52 x 56	84 x 84	84	84	96 x 90	96	90	90 x 114	90	114
52 x 60	84 x 90	84	90	96 x 96	96	96	90 x 120	90	120
52 x 64	84 x 96	84	96	96 x 102	96	102	90 x 132	90	132
52 x 68	84 x 102	84	102	96 x 108	96	108	90 x 138	90	138
52 x 72	84 x 108	84	108	96 x 114	96	114	96 x 138	96	138
52 x 76	84 x 114	84	114	96 x 120	96	120	96 x 144	96	144
52 x 80	84 x 120	84	120	96 x 126	96	126	96 x 144	96	144
52 x 84	84 x 126	84	126	96 x 132	96	132	96 x 144	96	144
52 x 88	84 x 126	84	126	96 x 138	96	138	96 x 144	96	144
52 x 92	84 x 132	84	132	96 x 144	96	144	96 x 144	96	144
52 x 96	84 x 138	84	138	96 x 144	96	144	96 x 144	96	144
56 x 56	96 x 78	96	78	96 x 96	96	96	96 x 114	96	114
56 x 60	96 x 84	96	84	96 x 102	96	102	96 x 126	96	126
56 x 64	96 x 90	96	90	96 x 108	96	108	96 x 132	96	132
56 x 68	96 x 96	96	96	96 x 114	96	114	96 x 138	96	138
56 x 72	96 x 102	96	102	96 x 120	96	120	96 x 144	96	144
56 x 76	96 x 102	96	102	96 x 126	96	126	96 x 144	96	144
56 x 80	96 x 108	96	108	96 x 132	96	132	96 x 144	96	144
56 x 84	96 x 114	96	114	96 x 138	96	138	96 x 144	96	144
56 x 88	96 x 120	96	120	96 x 144	96	144	96 x 144	96	144
56 x 92	96 x 126	96	126	96 x 144	96	144	96 x 144	96	144
56 x 96	96 x 132	96	132	96 x 144	96	144	96 x 144	96	144
56 x 100	96 x 138	96	138	96 x 144	96	144	96 x 144	96	144
56 x 104	96 x 144	96	144	96 x 144	96	144	96 x 144	96	144

