

# EME420MD

## Wind-Driven Rain Resistant Louver

### High Performance Extruded Aluminum Construction

Miami Dade Approved, TDI Listed, Florida Product Approval, AMCA Certified

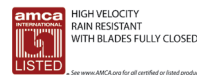
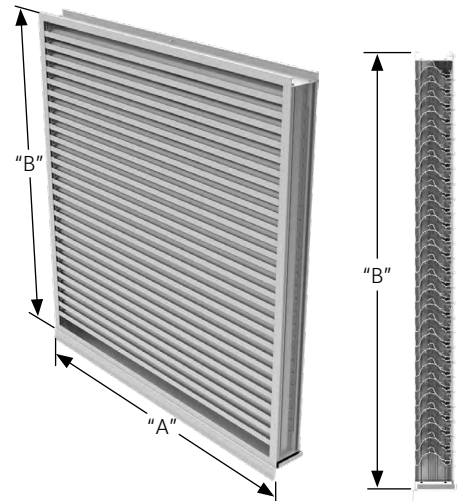


## APPLICATION

The EME420MD is a Miami Dade approved 4" deep mechanically fastened, extruded aluminum, double drainable, horizontal, stationary louver designed to protect air intake and exhaust openings in exterior walls in hurricane conditions. This louver offers exceptional protection against wind-driven rain under the most severe conditions. It's designed with a drainable gutter system that channels water from the blades to downspouts in the jambs, where water is exhausted out of the front of the louver.

## STANDARD CONSTRUCTION

<b>Frame</b>	4" (102) deep, 6063T6 extruded aluminum with .081" (2.1) nominal wall thickness. Downspouts provided in jamb frames.
<b>Blades</b>	6063T6 extruded aluminum .063" (1.6) nominal wall thickness. Double drainable blades are sightproof.
<b>Screen</b>	5/8" x .040" (16 x 1) expanded flattened aluminum bird screen in removable frame.
<b>Finish</b>	Mill
<b>Minimum Size</b>	12"w x 12"h (305 x 305)
<b>Maximum Factory Assembly Size</b>	<b>Single section:</b> 87 15/16"w X 144"h (2234 x 3658) or 130"w x 112"h (3302 x 2845) actual size. <b>Field Assembly:</b> Unlimited width x 144"h (3658). Multiple section louvers will be shipped in single sections and must be joined together in the field by the installer. Section joint splice hardware is provided. <b>Sections may not be stacked in height.</b> Openings taller than the maximum louver height will need to be divided into multiple openings with suitable structural members. Structural members are not designed or provided by Ruskin.
<b>Approximate Shipping Weight</b>	10 lbs. per sq. ft. (49 kg/m <sup>2</sup> )
<b>Installation</b>	The EME420MD must be installed per the appropriate Installation Detail. Reference the appropriate separate Installation Instruction Sheet.



## VARIATIONS

- ▶ Front or rear security bars.
- ▶ Filter racks.
- ▶ Universal sleeve.
- ▶ Blank off panels.
- ▶ Integral flange.
- ▶ Drip cap.
- ▶ A variety of bird and insect screens.
- ▶ Please provide rough opening dimensions for "A" and "B" dimensions. unless ordered as actual size, the louver will be provided 1/2" (12) smaller than "A" and "B" dimensions provided.
- ▶ Selection of finishes: prime coat, 50% PVDF (modified fluoropolymer), epoxy, Pearledize, 70% PVDF, clear and color anodize. (Some variation in anodize color consistency is possible).

Consult Ruskin for other special requirements.

NOTE:  
Dimensions in inches, parenthesis ( ) indicate millimeters.

## FEATURES

- ▶ Various Frame construction for use in cast-in-place concrete, grout filled CMU.
- ▶ Wood and steel installations.
- ▶ Maximum windload ±120 PSF (5.74 kPa)
- ▶ Horizontal blades minimize the penetration of wind-driven rain, reducing damage and additional operating expenses.
- ▶ 40% Free Area.
- ▶ Excellent pressure drop performance.
- ▶ Aluminum construction for low maintenance and high resistance to corrosion.
- ▶ Published performance ratings based on testing in accordance with AMCA Publication 511 & 512.
- ▶ Beginning point of water penetration at .01 oz. /sq. ft. is above 996 fpm (304m/min).
- ▶ AMCA 540 Listed for Basic Protection.
- ▶ Miami-Dade NOA Approval # 17.1214.16
- ▶ AMCA 550 with AMCA 550 Approved Damper.
- ▶ Florida Product Approved 2017 FBC # 21829.4
- ▶ Texas Department of Insurance (TDI) Listed-LVR-10.

## PERFORMANCE DATA



**HIGH VELOCITY  
RAIN RESISTANT  
WITH BLADES FULLY CLOSED**

See www.AMCA.org for all certified or listed products

This label does not signify  
AMCA airflow performance  
certification.

Ruskin certifies that the EME420MD shown herein is approved to bear the AMCA Listing Label. The ratings shown are based on tests and procedures performed in accordance with AMCA Publications and comply with the requirements of the AMCA Listing Label Program.



**IMPACT  
RESISTANT  
LOUVER**  
Basic Protection Level D

See www.AMCA.org for all certified or listed products

This label does not signify  
AMCA airflow performance  
certification.

The AMCA Listing Label applies to wind Born Debris Impact Resistant and High Velocity Wind Driven Rain Resistant Louvers (with optional CD40, CD50 or SD60 damper in the closed position)

## FREE AREA GUIDE

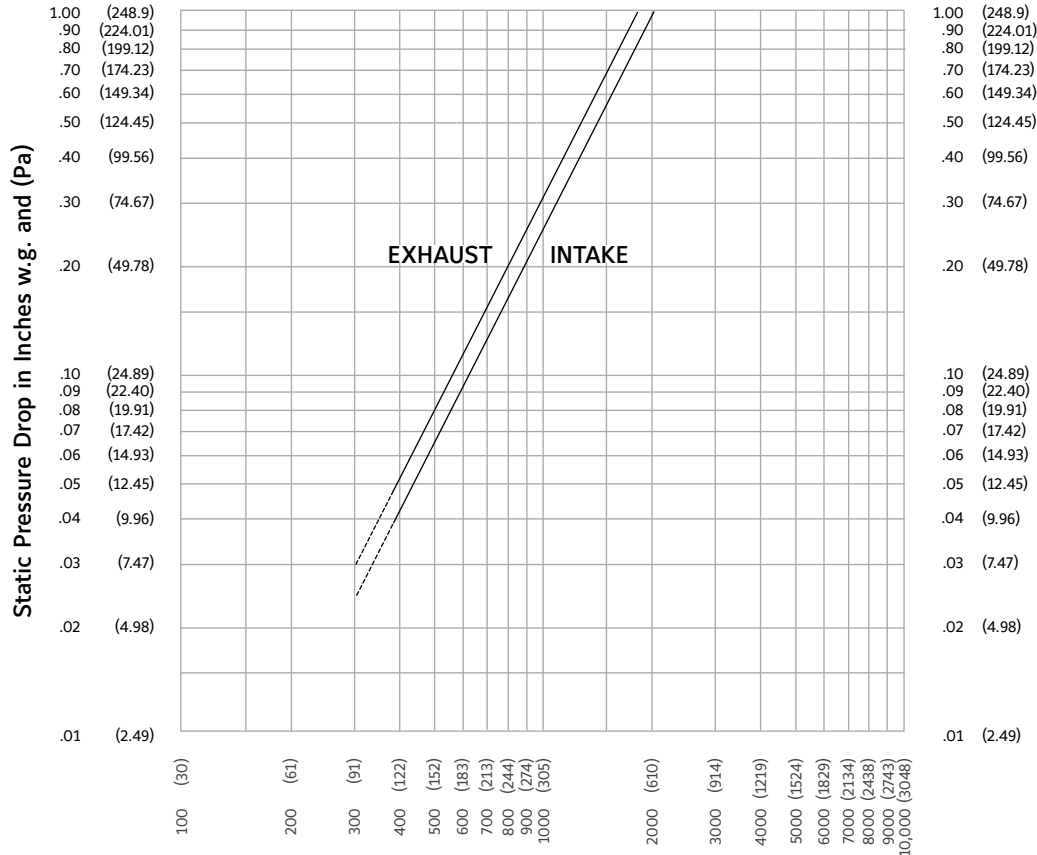
Free Area Guide shows free area in ft<sup>2</sup> and m<sup>2</sup> for various sizes of EME420MD.

### Width – Inches and Meters

HEIGHT	Width – Inches and Meters																		
	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120
	0.30	0.45	0.60	0.75	0.90	1.05	1.20	1.35	1.50	1.65	1.80	1.95	2.10	2.25	2.40	2.55	2.70	2.85	3.00
<b>12</b>	<b>0.15</b>	<b>0.25</b>	<b>0.35</b>	<b>0.45</b>	<b>0.56</b>	<b>0.66</b>	<b>0.76</b>	<b>0.86</b>	<b>0.96</b>	<b>1.07</b>	<b>1.17</b>	<b>1.27</b>	<b>1.37</b>	<b>1.47</b>	<b>1.57</b>	<b>1.68</b>	<b>1.78</b>	<b>1.88</b>	<b>1.98</b>
0.30	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.17	0.18
<b>18</b>	<b>0.35</b>	<b>0.58</b>	<b>0.82</b>	<b>1.06</b>	<b>1.30</b>	<b>1.54</b>	<b>1.77</b>	<b>2.01</b>	<b>2.25</b>	<b>2.49</b>	<b>2.72</b>	<b>2.96</b>	<b>3.20</b>	<b>3.44</b>	<b>3.67</b>	<b>3.91</b>	<b>4.15</b>	<b>4.39</b>	<b>4.63</b>
0.45	0.03	0.05	0.08	0.10	0.12	0.14	0.16	0.19	0.21	0.23	0.25	0.28	0.30	0.32	0.34	0.36	0.39	0.41	0.43
<b>24</b>	<b>0.54</b>	<b>0.92</b>	<b>1.29</b>	<b>1.67</b>	<b>2.04</b>	<b>2.41</b>	<b>2.79</b>	<b>3.16</b>	<b>3.53</b>	<b>3.91</b>	<b>4.28</b>	<b>4.65</b>	<b>5.03</b>	<b>5.40</b>	<b>5.77</b>	<b>6.15</b>	<b>6.52</b>	<b>6.89</b>	<b>7.27</b>
0.60	0.05	0.09	0.12	0.15	0.19	0.22	0.26	0.29	0.33	0.36	0.40	0.43	0.47	0.50	0.54	0.57	0.61	0.64	0.68
<b>30</b>	<b>0.69</b>	<b>1.17</b>	<b>1.64</b>	<b>2.12</b>	<b>2.59</b>	<b>3.07</b>	<b>3.55</b>	<b>4.02</b>	<b>4.50</b>	<b>4.97</b>	<b>5.45</b>	<b>5.92</b>	<b>6.40</b>	<b>6.87</b>	<b>7.35</b>	<b>7.82</b>	<b>8.30</b>	<b>8.78</b>	<b>9.25</b>
0.75	0.06	0.11	0.15	0.20	0.24	0.29	0.33	0.37	0.42	0.46	0.51	0.55	0.60	0.64	0.68	0.73	0.77	0.82	0.86
<b>36</b>	<b>0.89</b>	<b>1.50</b>	<b>2.11</b>	<b>2.73</b>	<b>3.34</b>	<b>3.95</b>	<b>4.56</b>	<b>5.17</b>	<b>5.78</b>	<b>6.39</b>	<b>7.00</b>	<b>7.62</b>	<b>8.23</b>	<b>8.84</b>	<b>9.45</b>	<b>10.06</b>	<b>10.67</b>	<b>11.28</b>	<b>11.89</b>
0.90	0.08	0.14	0.20	0.25	0.31	0.37	0.42	0.48	0.54	0.59	0.65	0.71	0.77	0.82	0.88	0.94	0.99	1.05	1.11
<b>42</b>	<b>1.09</b>	<b>1.84</b>	<b>2.58</b>	<b>3.33</b>	<b>4.08</b>	<b>4.82</b>	<b>5.57</b>	<b>6.32</b>	<b>7.07</b>	<b>7.81</b>	<b>8.56</b>	<b>9.31</b>	<b>10.05</b>	<b>10.80</b>	<b>11.55</b>	<b>12.30</b>	<b>13.04</b>	<b>13.79</b>	<b>14.54</b>
1.05	0.10	0.17	0.24	0.31	0.38	0.45	0.52	0.59	0.66	0.73	0.80	0.87	0.94	1.00	1.07	1.14	1.21	1.28	1.35
<b>48</b>	<b>1.24</b>	<b>2.09</b>	<b>2.94</b>	<b>3.78</b>	<b>4.63</b>	<b>5.48</b>	<b>6.33</b>	<b>7.18</b>	<b>8.03</b>	<b>8.88</b>	<b>9.73</b>	<b>10.58</b>	<b>11.43</b>	<b>12.27</b>	<b>13.12</b>	<b>13.97</b>	<b>14.82</b>	<b>15.67</b>	<b>16.52</b>
1.20	0.12	0.19	0.27	0.35	0.43	0.51	0.59	0.67	0.75	0.83	0.90	0.98	1.06	1.14	1.22	1.30	1.38	1.46	1.54
<b>54</b>	<b>1.44</b>	<b>2.42</b>	<b>3.41</b>	<b>4.39</b>	<b>5.38</b>	<b>6.36</b>	<b>7.34</b>	<b>8.33</b>	<b>9.31</b>	<b>10.30</b>	<b>11.28</b>	<b>12.27</b>	<b>13.25</b>	<b>14.24</b>	<b>15.22</b>	<b>16.21</b>	<b>17.19</b>	<b>18.18</b>	<b>19.16</b>
1.35	0.13	0.23	0.32	0.41	0.50	0.59	0.68	0.77	0.87	0.96	1.05	1.14	1.23	1.32	1.42	1.51	1.60	1.69	1.78
<b>60</b>	<b>1.63</b>	<b>2.75</b>	<b>3.88</b>	<b>5.00</b>	<b>6.12</b>	<b>7.24</b>	<b>8.36</b>	<b>9.48</b>	<b>10.60</b>	<b>11.72</b>	<b>12.84</b>	<b>13.96</b>	<b>15.08</b>	<b>16.20</b>	<b>17.32</b>	<b>18.44</b>	<b>19.56</b>	<b>20.68</b>	<b>21.81</b>
1.50	0.15	0.26	0.36	0.46	0.57	0.67	0.78	0.88	0.99	1.09	1.19	1.30	1.40	1.51	1.61	1.72	1.82	1.92	2.03
<b>66</b>	<b>1.78</b>	<b>3.01</b>	<b>4.23</b>	<b>5.45</b>	<b>6.67</b>	<b>7.90</b>	<b>9.12</b>	<b>10.34</b>	<b>11.56</b>	<b>12.79</b>	<b>14.01</b>	<b>15.23</b>	<b>16.45</b>	<b>17.68</b>	<b>18.90</b>	<b>20.12</b>	<b>21.34</b>	<b>22.57</b>	<b>23.79</b>
1.65	0.17	0.28	0.39	0.51	0.62	0.73	0.85	0.96	1.08	1.19	1.30	1.42	1.53	1.64	1.76	1.87	1.98	2.10	2.21
<b>72</b>	<b>1.98</b>	<b>3.34</b>	<b>4.70</b>	<b>6.06</b>	<b>7.41</b>	<b>8.77</b>	<b>10.13</b>	<b>11.49</b>	<b>12.85</b>	<b>14.21</b>	<b>15.56</b>	<b>16.92</b>	<b>18.28</b>	<b>19.64</b>	<b>21.00</b>	<b>22.36</b>	<b>23.71</b>	<b>25.07</b>	<b>26.43</b>
1.80	0.18	0.31	0.44	0.56	0.69	0.82	0.94	1.07	1.19	1.32	1.45	1.57	1.70	1.83	1.95	2.08	2.21	2.33	2.46
<b>78</b>	<b>2.18</b>	<b>3.67</b>	<b>5.17</b>	<b>6.66</b>	<b>8.16</b>	<b>9.65</b>	<b>11.14</b>	<b>12.64</b>	<b>14.13</b>	<b>15.63</b>	<b>17.12</b>	<b>18.61</b>	<b>20.11</b>	<b>21.60</b>	<b>23.10</b>	<b>24.59</b>	<b>26.09</b>	<b>27.58</b>	<b>29.07</b>
1.95	0.20	0.34	0.48	0.62	0.76	0.90	1.04	1.18	1.31	1.45	1.59	1.73	1.87	2.01	2.15	2.29	2.43	2.56	2.70
<b>84</b>	<b>2.38</b>	<b>4.01</b>	<b>5.64</b>	<b>7.27</b>	<b>8.90</b>	<b>10.53</b>	<b>12.16</b>	<b>13.79</b>	<b>15.42</b>	<b>17.05</b>	<b>18.68</b>	<b>20.31</b>	<b>21.94</b>	<b>23.57</b>	<b>25.20</b>	<b>26.83</b>	<b>28.46</b>	<b>30.09</b>	<b>31.72</b>
2.10	0.22	0.37	0.52	0.68	0.83	0.98	1.13	1.28	1.43	1.59	1.74	1.89	2.04	2.19	2.34	2.49	2.65	2.80	2.95
<b>90</b>	<b>2.53</b>	<b>4.26</b>	<b>5.99</b>	<b>7.72</b>	<b>9.45</b>	<b>11.19</b>	<b>12.92</b>	<b>14.65</b>	<b>16.38</b>	<b>18.11</b>	<b>19.84</b>	<b>21.58</b>	<b>23.31</b>	<b>25.04</b>	<b>26.77</b>	<b>28.50</b>	<b>30.24</b>	<b>31.97</b>	<b>33.70</b>
2.25	0.23	0.40	0.56	0.72	0.88	1.04	1.20	1.36	1.52	1.68	1.85	2.01	2.17	2.33	2.49	2.65	2.81	2.97	3.13
<b>96</b>	<b>2.72</b>	<b>4.59</b>	<b>6.46</b>	<b>8.33</b>	<b>10.19</b>	<b>12.06</b>	<b>13.93</b>	<b>15.80</b>	<b>17.67</b>	<b>19.53</b>	<b>21.40</b>	<b>23.27</b>	<b>25.14</b>	<b>27.00</b>	<b>28.87</b>	<b>30.74</b>	<b>32.61</b>	<b>34.47</b>	<b>36.34</b>
2.40	0.25	0.43	0.60	0.77	0.95	1.12	1.30	1.47	1.64	1.82	1.99	2.16	2.34	2.51	2.69	2.86	3.03	3.21	3.38
<b>102</b>	<b>2.92</b>	<b>4.93</b>	<b>6.63</b>	<b>8.93</b>	<b>10.94</b>	<b>12.94</b>	<b>14.94</b>	<b>16.95</b>	<b>18.95</b>	<b>20.95</b>	<b>22.96</b>	<b>24.96</b>	<b>26.96</b>	<b>28.97</b>	<b>30.97</b>	<b>32.97</b>	<b>34.98</b>	<b>36.98</b>	<b>38.99</b>
2.55	0.27	0.46	0.64	0.83	1.02	1.20	1.39	1.58	1.76	1.95	2.14	2.32	2.51	2.69	2.88	3.07	3.25	3.44	3.63
<b>108</b>	<b>3.07</b>	<b>5.18</b>	<b>7.28</b>	<b>9.39</b>	<b>11.49</b>	<b>13.60</b>	<b>15.70</b>	<b>17.81</b>	<b>19.91</b>	<b>22.02</b>	<b>24.12</b>	<b>26.23</b>	<b>28.34</b>	<b>30.44</b>	<b>32.55</b>	<b>34.65</b>	<b>36.76</b>	<b>38.86</b>	<b>40.97</b>
2.70	0.29	0.48	0.68	0.87	1.07	1.26	1.46	1.66	1.85	2.05	2.24	2.44	2.64	2.83	3.03	3.22	3.42	3.61	3.81
<b>114</b>	<b>3.27</b>	<b>5.51</b>	<b>7.75</b>	<b>9.99</b>	<b>12.23</b>	<b>14.47</b>	<b>16.72</b>	<b>18.96</b>	<b>21.20</b>	<b>23.44</b>	<b>25.68</b>	<b>27.92</b>	<b>30.16</b>	<b>32.40</b>	<b>34.65</b>	<b>36.89</b>	<b>39.13</b>	<b>41.37</b>	<b>43.61</b>
2.85	0.30	0.51	0.72	0.93	1.14	1.35	1.55	1.76	1.97	2.18	2.39	2.60	2.81	3.01	3.22	3.43	3.64	3.85	4.06
<b>120</b>	<b>3.47</b>	<b>5.84</b>	<b>8.22</b>	<b>10.39</b>	<b>12.97</b>	<b>15.35</b>	<b>17.73</b>	<b>20.11</b>	<b>22.48</b>	<b>24.86</b>	<b>27.24</b>	<b>29.61</b>	<b>31.99</b>	<b>34.37</b>	<b>36.75</b>	<b>39.12</b>	<b>41.50</b>	<b>43.88</b>	<b>46.25</b>
3.00	0.32	0.54	0.76	0.99	1.21	1.43	1.65	1.87	2.09	2.31	2.53	2.75	2.98	3.20	3.42	3.64	3.86	4.08	4.30

# PRESSURE DROP

Pressure Drop testing performed on 48" x 48" (1219 x 1219) unit



Ratings do not include the effect of a bird or insect screen.

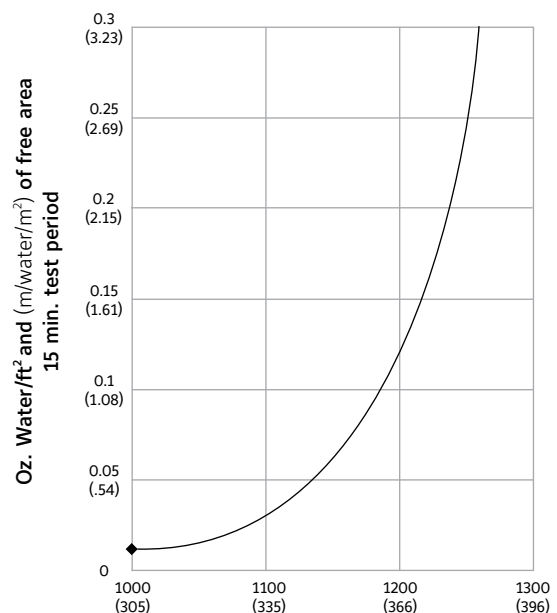
**Air Velocity in feet and (meters) per minute through Free Area**  
(Data corrected to standard air density and AMCA figure or figures testes to 5.5)

# WATER PENETRATION GRAPH

AMCA Standard 500 provides a reasonable basis for testing and rating louvers. Testing to AMCA 500-L is performed under a certain set of laboratory conditions. This does not guarantee that other conditions will not occur in the actual environment where louvers must operate.

The louver system should be designed with a reasonable safety factor for louver performance. To ensure protection from water carryover design with a performance level somewhat below maximum desired pressure drop and .01 oz./sq. ft. of water penetration.

Test size 48" wide X 48" high (1219 X 1219)  
Beginning point of water penetration at .01 oz. /sq. ft. is above  
996 fpm (304 m/min).



Ruskin Company certifies that the 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 ratings, water penetration ratings and wind driven rain ratings only.

## WIND-DRIVEN RAIN PERFORMANCE

Test size is 1m x 1m (39" x 39") core area, 1.04m x 1.12m (41" x 44") nominal. Free Area of test louver is 5.45 ft<sup>2</sup> (.51m<sup>2</sup>).

### 29 mph (13 m/s) wind & 3" (76) per hour rain conditions

Core Velocity <sub>1</sub> fpm (m/s)	Airflow cfm (m <sup>3</sup> /min)	Free Area Velocity <sub>2</sub> fpm (m/sec.)	Effectiveness Ratio	Class <sub>3</sub>
0 (0)	0 (0)	0 (0)	99.9%	A
0 (0)	0 (0)	0 (0)	99.9%	A
0 (0)	0 (0)	0 (0)	99.9%	A
283 (1.4)	3052 (86.4)	726 (221.3)	99.9%	A
376 (1.9)	4049 (114.7)	964 (293.8)	99.9%	A
464 (2.4)	4992 (141.4)	1190 (362.7)	99.1%	A
578 (2.9)	6224 (176.3)	1482 (451.9)	96.5%	B
681 (3.5)	7334 (207.7)	1746 (532.2)	93.2%	C

### 50 mph (22 m/s) wind & 8" (203) per hour rain conditions

Core Velocity <sub>1</sub> fpm (m/s)	Airflow cfm (m <sup>3</sup> /min)	Free Area Velocity <sub>2</sub> fpm (m/sec.)	Effectiveness Ratio	Class <sub>3</sub>
0 (0)	0 (0)	0 (0)	99.9%	A
101 (.5)	1084 (30.7)	259 (78.9)	99.8%	A
175 (.9)	1889 (53.5)	349 (136.9)	99.7%	A
296 (1.5)	3189 (90.3)	759 (231.3)	99.3%	A
390 (2.0)	4199 (118.9)	1000 (304.8)	98.3%	B
491 (2.5)	5289 (149.8)	1259 (383.7)	97.2%	B
567 (2.9)	6104 (172.9)	1454 (443.2)	96.0%	B
687 (3.5)	7392 (209.3)	1762 (537.1)	91.6%	C

NOTE:

1. Core area is the open area of the louver face (face area less louver frames). Core Velocity is the airflow velocity through the Core Area of the louver (1m x 1m).
2. Free Area of test size is calculated per AMCA standard 500-L.

3. Wind Driven Rain Penetration Classes:

Class	Effectiveness	Class	Effectiveness
A	1 to .99	C	0.949 to 0.80
B	0.989 to 0.95	D	Below 0.8

4. The EME420MD provides Class A performance at all velocities up to and including 3.5 m/s core velocity.

## AMCA550 DAMPER OPTIONS

### CONTROL DAMPER

#### CD40 (Thin Line Control Damper)

(The CD40 combines the lowest leakage attainable-6cfm/sq.ft. at 4"w.g. with thin line, 4" overall depth when the damper is completely open.)

- ▶ Damper Frame and Blade Depth 4"
- ▶ Max Single Section 60"x 72"
- ▶ Opposed Blade
- ▶ Mill Finish
- ▶ Factory-Installed, pneumatic and electric actuators
- ▶ SP100 Switch Package
- ▶ Jack shafted or Extended Shaft option
- ▶ Concealed Linkage

#### CD50

(The CD50 is a low Leak, extruded aluminum damper designed with air foil blades for higher velocities and pressure HVAC systems. It meets the leakage requirements of the International energy Conservation Code by leaking less than 3cfm.sq.ft. at 1" of static pressure and is AMCA licensed as a Class 1A damper)

- ▶ Air Leakage AMCA Class 1A
- ▶ Damper Frame Depth is 5" and Blade width is 6"
- ▶ Max Single Section 60"x 72"

- ▶ Opposed Blade
- ▶ Mill Finish
- ▶ Factory-Installed, pneumatic and electric actuators
- ▶ SP100 Switch Package
- ▶ Jack shafted or Extended Shaft option
- ▶ Concealed Linkage

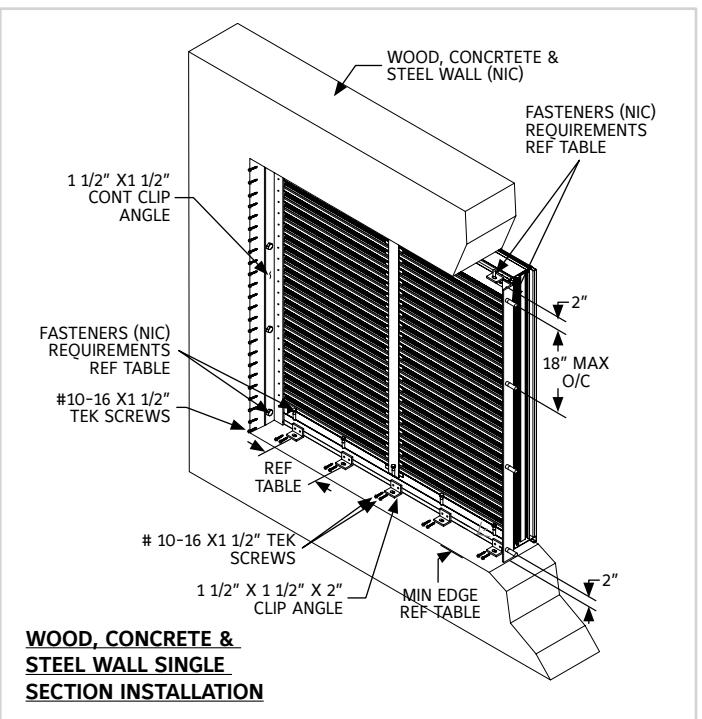
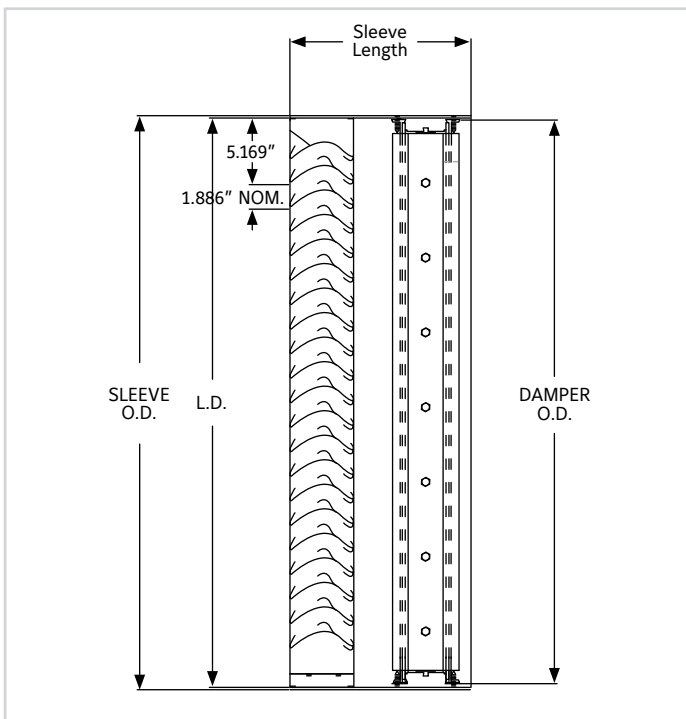
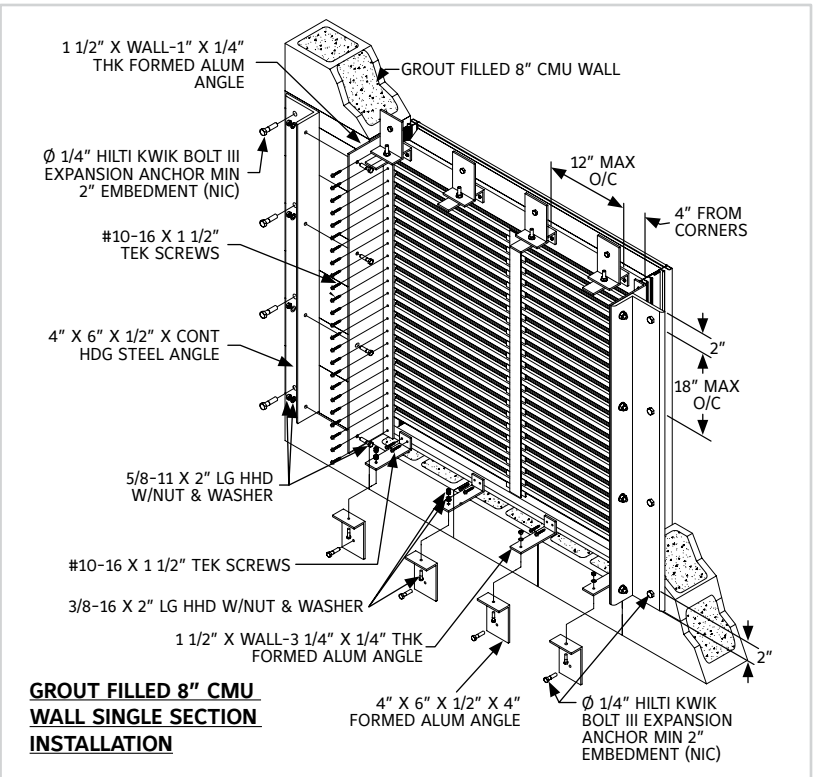
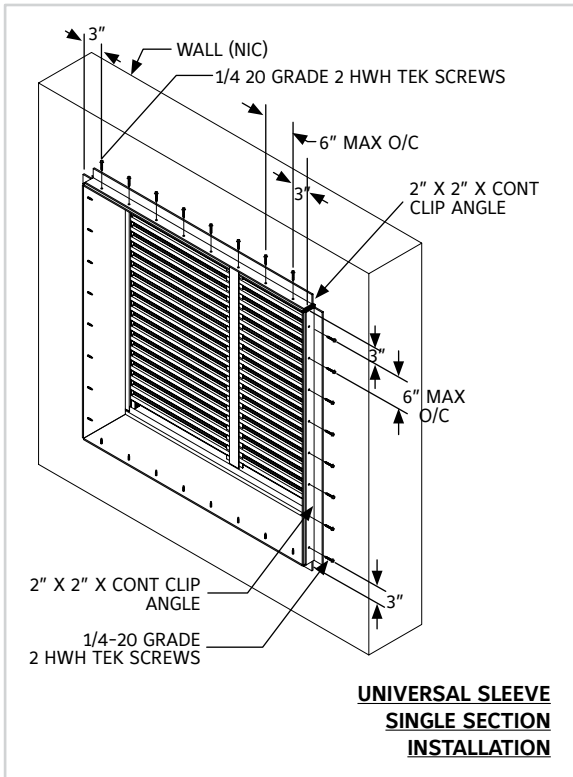
### SMOKE DAMPER

#### SD60 (UL555S Leakage Class 1 Damper)

(The SD60 is an ultra-low leakage rated smoke damper used in ducts that penetrate smoke rated barriers.)

- ▶ Air Leakage Class 1
- ▶ Damper Frame Depth is 5" and Blade width is 6"
- ▶ Max Single Section 48"x 72"
- ▶ Opposed Blade
- ▶ Mill Finish
- ▶ Factory-Installed, pneumatic and electric actuators
- ▶ SP100 Switch Package
- ▶ Jack shafted or Extended Shaft option
- ▶ Concealed Linkage

# SHIP SECTION DETAILS



**GENERAL NOTES:**

1. Reference separate Installation Instruction Sheet for the proper installation method. Miami-Dade and Florida product approvals are contingent upon proper installation. It is the installing contractor's responsibility to ensure that the louvers are installed properly.
2. Some orders may require special submittal and/or shop drawings provided by Ruskin. Reference these drawings for additional installation information.
3. Continuous angles and fasteners are supplied and are shipped loose.
4. Louvers are provided with steel channel supports to be installed behind the visible mullions.
5. Louvers wider than the maximum single section width will be shipped in multiple sections and will require field assembly.

## SUGGESTED SPECIFICATION

Furnish and install louvers as hereinafter specified where shown on plans or as described in schedules. Double drainable stationary louver meeting the performance criteria established by the Florida Building Code and Miami-Dade County standards TAS 201 (Large Missile Impact), TAS 202 (Uniform Static Air Pressure) and TAS 203 (Cyclic Wind Loading). Combination louver damper are listed by AMCA.

Louvers shall be manufactured in an ISO 9001 certified factory.

Louvers shall be Ruskin Model EME420MD extruded 6063T6 aluminum alloy construction as follows:

### Material

Frame: .081" (2.1) wall thickness, caulking surfaces provided.

Blades: .063"(1.6) wall thickness.

Extended Sill: .081" (2.1) wall thickness, with upturned side panels to prevent water leakage.

Screen: 5/8" x .040" (16 x 1) expanded, flattened aluminum bird screen in removable frame.

Finish: Select finish specification from Ruskin Finishes Brochure.

### Structural Design

Integral structural supports shall be designed and furnished by the louver manufacturer to carry a wind load of not less than  $\pm 120$  psf (6.7 kPa).

### LINKS TO IMPORTANT DOCUMENTS

Document Title
Paint Finishes and Color Guide
Limited Warranty Document



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