

# HURRICANE AND SEVERE WEATHER LOUVERS BUILT TO PERFORM IN ANY STORM



Nailor Industries now offers the most comprehensive line of **Florida Product Approved** and **Miami-Dade Qualified** hurricane louvers listed to **AMCA 540** and **AMCA 550**. With louvers ranging from 4" to 6" in depth, and both vertical and horizontal blade options, Nailor has the exact louver

to meet your hurricane and severe weather application needs.

This includes our 1605WDVM, vertical-blade Miami-Dade Qualified louver – the **ONLY 5" louver** on the market to pass the stringent Florida TAS-100A High-Velocity Wind-Driven Rain test **WITHOUT a damper attached**.



Complete Air Control and Distribution Solutions. For more information, visit [nailor.com](http://nailor.com)



PERFORMANCE DATA									
Florida Product Approval #	19273.1	19273.7	19273.3	19273.10	19273.5	28078.3	28078.1	28078.2	28078.4
Miami-Dade NOA #	—	—	—	—	—	18-0117.12	18-0117.13	18-0117.14	18-0117.11
Depth	4"	6"	5"	6"	5"	6"	5"	5"	5"
Wind Load Rating (PSF)	Up To 55	Up To 150	Up To 150	Up To 150	Up To 130	150	150	130	150
Free Area ft <sup>2</sup> (%) (Based on 48"x48")	9.11 (57%)	9.65 (60%)	7.59 (47%)	7.52 (47%)	8.77 (55%)	9.65 (60%)	7.59 (47%)	8.77 (55%)	7.48 (47%)
Blade Orientation	Horizontal	Horizontal	Horizontal	Horizontal	Vertical	Horizontal	Horizontal	Vertical	Vertical
Blade Thickness	.095"	.100"	.080"	.080"	.060"	.100"	.080"	.060"	.063"
Frame Thickness	.120"	.120"	.080"	.080"	.080"	.120"	.080"	.080"	.080"
Beginning Point of Water Penetration (fpm)	954	1186	1250 (Max.)	1250 (Max.)	1250 (Max.)	1186	1250 (Max.)	1250 (Max.)	1250 (Max.)
Pressure Drop at 1000 fpm (in. w.g.) through free area	.15	.15	.22	.17	.18	.15	.22	.18	.24
Air Volume at Free Area Velocity (cfm)	8,691	11,445	9,488	9,163	10,963	11,445	9,488	10,963	9,350
TESTING									
AMCA 500-L: Water Penetration	✓	✓	✓	✓	✓	✓	✓	✓	✓
AMCA 500-L: Air Performance	✓	✓	✓	✓	✓	✓	✓	✓	✓
AMCA 500-L: Wind-Driven Rain	—	—	✓	✓	✓	—	✓	✓	✓
AMCA 540 Level "D": Basic Impact Resistance	✓	✓	✓	✓	✓	✓	✓	✓	✓
AMCA 540 Level "E": Enhance Impact Resistance	—	✓	✓	✓	✓	✓	✓	✓	✓
AMCA 550: High Velocity Wind-Driven Rain	—	✓*	✓*	—	✓	✓*	✓*	✓	✓
TAS-201	—	✓	✓	✓	✓	✓	✓	✓	✓
TAS-202	✓	✓	✓	✓	✓	✓	✓	✓	✓
TAS-203	—	✓	✓	✓	✓	✓	✓	✓	✓
TAS-100A	—	—	—	—	—	✓*	✓*	✓	✓

See product submittals for complete performance data.

**Note:** \* With optional Nailor model 2020 high performance control damper attached in closed position.