

OHD Residential Wind Load Drawings Chart

Revision Date: April 12, 2024

Resource Documents
(1) See the Overhead Door Corporation Website for Additional Wind Load Information (2) Florida Product Approval Website (3) Miami-Dade Building Code Compliance Approvals Website (4) Texas Department of Insurance (5) DASMA Wind Speed Charts

Modern Aluminum										
Series 521										

Drawing #	Max Door Width ¹	Max Door Height ²	Positive Design PSF	Negative Design PSF	Wind Speed ASCE 7-16 ASCE 7-22 (MPH) Exposure B ³	Wind Speed ASCE 7-16 ASCE 7-22 (MPH) Exposure C ⁴	Window Sections	Notes	Florida Approval	Miami-Dade Approval	TDI Approval
410227	10'-2"	30'1"	50	50	220	180	Glazing not approved for impact-resistance	<i>Non- Impact</i>	FL 17629	N/A	N/A
410226	14'-2"	30'1"	37	37	195	160					
410225	16'-2"	30'1"	31	31	180	145					
410224	18'-2"	30'1"	26	26	165	135					
410223	20'-2"	30'1"	22	22	150	125					
410222	22'-2"	30'1"	18	18	135	115					
411368	16'-2"	30'1"	48	54	235	195	All, Impact	<i>Impact-Rated</i>			GDR-140
411487	18'-2"	30'1"	43	48	225	185					

[408717 Hardware Drawing](#)

Courtyard Collection										
Series 160, 7560										

Drawing #	Max Door Width ¹	Max Door Height ²	Positive Design PSF	Negative Design PSF	Wind Speed ASCE 7-16 ASCE 7-22 (MPH) Exposure B ³	Wind Speed ASCE 7-16 ASCE 7-22 (MPH) Exposure C ⁴	Window Sections	Notes	Florida Approval	Miami-Dade Approval	TDI Approval
411702	9'2"	24'	12.8	14.8	120	95	Yes, 1x	<i>Non-Impact</i>	FL 32170	N/A	N/A
411703	9'2"	24'	19.1	20.6	140	115	Yes, 1x	<i>Non-Impact</i>			GDR-148
411704	9'2"	24'	22.9	26.3	160	130	Yes, 1x	<i>Non-Impact</i>			GDR-148
411705	9'2"	24'	26.9	30.8	170	140	1x, Impact	<i>Impact</i>			GDR-148
411706	9'2"	24'	35.7	41.0	200	160	1x, Impact	<i>Impact</i>			GDR-148
411707	9'2"	24'	41.0	46.3	215	175	1x, Impact	<i>Impact</i>			GDR-148
411708	9'2"	24'	46.0	52.0	225	185	1x, Impact	<i>Impact</i>			GDR-148
411709	9'2"	24'	64.0	72.0	265	215	1x, Impact	<i>Impact</i>			GDR-148
411710	12'2"	24'	16.5	18.4	135	110	Yes, 1x	<i>Non-Impact</i>			GDR-148
411711	12'2"	24'	19.3	21.6	145	120	Yes, 1x	<i>Non-Impact</i>			GDR-148
411712	12'2"	24'	22.4	25.1	160	130	1x, Impact	<i>Impact</i>			GDR-148
411713	12'2"	24'	25.7	28.8	170	140	1x, Impact	<i>Impact</i>			GDR-148
411714	12'2"	24'	33.1	37.0	195	155	1x, Impact	<i>Impact</i>			GDR-148
411715	16'2"	24'	12.4	13.8	120	95	Yes, 1x	<i>Non-Impact</i>			GDR-148
411716	16'2"	24'	23.0	25.0	160	130	Yes, 1x	<i>Non-Impact</i>			GDR-148
411717	16'2"	24'	30.0	33.5	185	155	1x, Impact	<i>Impact</i>			GDR-148
411718	16'2"	24'	34.4	38.3	200	165	1x, Impact	<i>Impact</i>			GDR-148
411719	18'2"	24'	12.4	13.8	120	100	Yes, 1x	<i>Non-Impact</i>			GDR-148
411720	18'2"	24'	23.0	25.0	160	130	1x, Impact	<i>Impact</i>			GDR-148
411721	18'2"	24'	30.0	33.5	185	155	1x, Impact	<i>Impact</i>			GDR-148
411722	22'2"	24'	15.4	16.7	130	110	Yes, 1x	<i>Non-Impact</i>			GDR-148
411723	22'2"	24'	20.1	22.5	155	125	No	<i>Non-Impact</i>			GDR-148

[Jamb Supplemental](#)

[Commercial Track Detail](#)

[Commercial Hardware](#)

OHD Residential Wind Load Drawings Chart

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Thermacore											
Series 192, 194/195,196, 198/199, 494/495, 5740, 5760											
Drawing #	Max Door Width ¹	Max Door Height ²	Positive Design PSF	Negative Design PSF	Wind Speed ASCE 7-16 ASCE 7-22 (MPH) Exposure B ³	Wind Speed ASCE 7-16 ASCE 7-22 (MPH) Exposure C ⁴	Window Sections	Notes	Florida Approval	Miami-Dade Approval	TDI Approval
411702	9'2"	24'	12.8	14.8	120	95	Yes, 1x	Non-Impact	FL 32170	N/A	N/A
411703	9'2"	24'	19.1	20.6	140	115	Yes, 1x	Non-Impact			GDR-148
411704	9'2"	24'	22.9	26.3	160	130	Yes, 1x	Non-Impact			GDR-148
411705	9'2"	24'	26.9	30.8	170	140	1x, Impact	Impact			GDR-148
411706	9'2"	24'	35.7	41.0	200	160	1x, Impact	Impact			GDR-148
411707	9'2"	24'	41.0	46.3	215	175	1x, Impact	Impact			GDR-148
411708	9'2"	24'	46.0	52.0	225	185	1x, Impact	Impact			GDR-148
411709	9'2"	24'	64.0	72.0	265	215	1x, Impact	Impact			GDR-148
411710	12'2"	24'	16.5	18.4	135	110	Yes, 1x	Non-Impact			N/A
411711	12'2"	24'	19.3	21.6	145	120	Yes, 1x	Non-Impact			GDR-148
411712	12'2"	24'	22.4	25.1	160	130	1x, Impact	Impact			GDR-148
411713	12'2"	24'	25.7	28.8	170	140	1x, Impact	Impact			GDR-148
411714	12'2"	24'	33.1	37.0	195	155	1x, Impact	Impact			GDR-148
411715	16'2"	24'	12.4	13.8	120	95	Yes, 1x	Non-Impact			N/A
411716	16'2"	24'	23.0	25.0	160	130	Yes, 1x	Non-Impact			GDR-148
411717	16'2"	24'	30.0	33.5	185	155	1x, Impact	Impact			GDR-148
411718	16'2"	24'	34.4	38.3	200	165	1x, Impact	Impact			GDR-148
411719	18'2"	24'	12.4	13.8	120	100	Yes, 1x	Non-Impact			N/A
411720	18'2"	24'	23.0	25.0	160	130	1x, Impact	Impact			GDR-148
411721	18'2"	24'	30.0	33.5	185	155	1x, Impact	Impact			GDR-148
411722	22'2"	24'	15.4	16.7	130	110	Yes, 1x	Non-Impact			N/A
411723	22'2"	24'	20.1	22.5	155	125	No	Non-Impact			GDR-148

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[Commercial Track Detail](#)

[Commercial Hardware](#)

Microgroove Glazing:

Non-impact: a full row of (1) narrow windows, or a full row of double narrow windows is possible in the top or intermediate section only.

Impact: Not available. Currently, narrow and double-narrow windows are not approved for impact. For impact the 196 has to be a solid door.

Thermacore Multi-Section Glazing											
Series 192, 194/195,196, 198/199, 494/495, 5740, 5760											
Drawing #	Max Door Width ¹	Max Door Height ²	Positive Design PSF	Negative Design PSF	Wind Speed ASCE 7-16 ASCE 7-22 (MPH) Exposure B ³	Wind Speed ASCE 7-16 ASCE 7-22 (MPH) Exposure C ⁴	Window Sections	Notes	Florida Approval	Miami-Dade Approval	TDI Approval
411820	9'2"	24'	12.8	14.8	120	95	Yes	Non-Impact	FL 32170	N/A	N/A
411821	9'2"	24'	18.4	20.8	140	115	Yes	Non-Impact		N/A	GDR-148
411822	9'2"	24'	25.0	28.2	165	135	Yes	Impact		N/A	GDR-148
411823	9'2"	24'	32.6	36.9	190	155	Yes	Impact		N/A	GDR-148
411824	9'2"	24'	36.8	41.6	200	165	Yes	Impact		N/A	GDR-148
411825	9'2"	24'	41.3	46.7	215	175	Yes	Impact		N/A	GDR-148
411827	16'2"	24'	12.4	14.8	120	100	Yes	Non-Impact	FL 32170	N/A	N/A
411828	16'2"	24'	18.4	20.8	145	120	Yes	Non-Impact		N/A	GDR-148
411829	16'2"	24'	25.0	28.2	170	140	Yes	Impact		N/A	GDR-148
411830	16'2"	24'	32.6	36.9	195	160	Yes	Impact		N/A	GDR-148
411831	16'2"	24'	36.8	41.6	205	170	Yes	Impact		N/A	GDR-148
411832	16'2"	24'	41.3	46.7	220	180	Yes	Impact		N/A	GDR-148
411834	18'2"	24'	12.8	14.8	120	100	Yes	Non-Impact	FL 32170	N/A	N/A
411835	18'2"	24'	18.4	20.8	145	120	Yes	Non-Impact		N/A	GDR-148
411836	18'2"	24'	25.0	28.2	170	140	Yes	Impact		N/A	GDR-148
411837	18'2"	24'	32.6	36.9	195	160	Yes	Impact		N/A	GDR-148
411838	18'2"	24'	36.8	41.6	205	170	Yes	Impact		N/A	GDR-148
411839	18'2"	24'	41.3	46.7	220	180	Yes	Impact		N/A	GDR-148

[Jamb Supplemental](#)

[Commercial Track Detail](#)

[Commercial Hardware](#)

OHD Residential Wind Load Drawings Chart

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Durafirm Series 870											
Drawing #	Max Door Width ¹	Max Door Height ²	Positive Design PSF	Negative Design PSF	Wind Speed ASCE 7-16 ASCE 7-22 (MPH) Exposure B ³	Wind Speed ASCE 7-16 ASCE 7-22 (MPH) Exposure C ⁴	Window Sections	Notes	Florida Approval	Miami-Dade Approval	TDI
329472	9'-0"	14'-0"	22.90	26.30	155	130	Standard SP	Non-Impact	FL 12099	N/A	N/A
329473	9'-0"	14'-0"	31.20	35.80	185	150	Standard SP				
329474	9'-0"	14'-0"	41.60	46.30	210	170	Standard SP				
329475	16'-0"	14'-0"	23.00	25.00	160	130	Standard SP				
329476	16'-0"	14'-0"	30.00	33.50	185	150	No				
329477 Post	16'-0"	8'-0"	43.40	48.40	225	185	Standard SP				
329478	18'-0"	12'-0"	18.50	20.70	145	120	Standard SP				
329479	18'-0"	12'-0"	25.90	28.80	170	140	No				
329480 Post	18'-0"	8'-0"	39.20	43.70	210	175	Standard SP				

[Post Installation Instructions](#)
[Jamb Connection Supplement](#)
[Track Supplement Chart](#)
Standard SP - Short panel glazing

Impression Collection Series 981/982/983/984											
Drawing #	Max Door Width ¹	Max Door Height ²	Positive Design PSF	Negative Design PSF	Wind Speed ASCE 7-16 ASCE 7-22 (MPH) Exposure B ³	Wind Speed ASCE 7-16 ASCE 7-22 (MPH) Exposure C ⁴	Window Sections	Notes	Florida Approval	Miami-Dade Approval	TDI
411357	9'-0"	10'-0"	22.90	26.30	155	130	Standard SP	Non-Impact	FL 17167	N/A	GDR-99
411358	9'-0"	10'-0"	31.20	35.80	185	150	Standard SP				
411359	9'-0"	10'-0"	41.00	46.30	210	170	Standard SP				
411360	16'-0"	10'-0"	15.30	17.00	130	105	Standard SP				
411361	16'-0"	10'-0"	23.00	25.00	160	130	Standard SP				
411362 Post	16'-0"	8'-0"	34.40	38.30	200	160	Standard SP				

[Jamb Detail](#)
[Commercial Track Detail](#)
[Post Installation](#)
Standard SP - Short panel glazing (Horizontal, Vertical, and V-Groove panels only)

New Traditional Steel 25 GA Series 170-177 and 180-187											
Drawing #	Max Door Width ¹	Max Door Height ²	Positive Design PSF	Negative Design PSF	Wind Speed ASCE 7-16 ASCE 7-22 (MPH) Exposure B ³	Wind Speed ASCE 7-16 ASCE 7-22 (MPH) Exposure C ⁴	Window Sections	Notes	Florida Approval	Miami-Dade Approval	TDI
411039	9'-0"	14'-0"	15.9	18.2	130	105	SP/LP	Non-Impact	FL 14170	N/A	N/A
411536	9'-0"	14'-0"	22.9	26.3	155	130	SP/LP	Non-Impact			
411537	9'-0"	14'-0"	26.9	30.8	170	140	SP/LP, SP Impact	Impact			
411525	9'-0"	14'-0"	31.0	35.0	185	150	SP/LP, SP Impact	Impact			
411538	9'-0"	14'-0"	37.0	41.0	200	160	SP, SP Impact	Impact			
411043	9'-0"	14'-0"	46.0	52.0	225	180	SP Impact	Impact			
411044	16'-0"	14'-0"	12.4	13.8	120	95	SP/LP	Non-Impact			
411045	16'-0"	14'-0"	15.3	17.0	130	105	SP/LP	Non-Impact			
411046	16'-0"	14'-0"	23.0	25.0	160	130	SP/LP, SP Impact	Impact			
411548	16'-0"	14'-0"	26.0	29.0	170	140	SP/LP, SP Impact	Impact			
411047	16'-0"	14'-0"	30.0	33.5	185	150	SP, SP Impact	Impact			
411048	16'-0"	14'-0"	34.4	38.3	200	160	SP, SP Impact	Impact			
411049	16'-0"	14'-0"	46.0	52.0	230	190	SP Impact	Impact			
411689	16'-2"	14'-0"	46.0	52.0	230	190	SP/LP, SP Impact	Impact			
411054	18'-0"	8'-0"	46.0	52.0	230	190	SP Impact	Impact			
411050	18'-0"	14'-0"	12.4	13.8	120	95	SP/LP	Non-Impact			
411051	18'-0"	14'-0"	18.5	20.7	145	120	SP/LP	Non-Impact			
411545	18'-0"	14'-0"	26.3	29.3	175	145	SP/LP, SP Impact	Impact			
411691	18'-0"	14'-0"	34.4	38.3	200	165	SP/LP, SP Impact	Impact			
411690	18'-2"	14'-0"	46.0	52.0	230	190	SP/LP, SP Impact	Impact			
411052 FBC	18'-0"	14'-0"	34.4	38.3	200	165	SP, SP Impact	Impact	N/A	N/A	

Window Note: Raised Panel Window available.
SP: Standard Short Lite
SP Impact: Impact Short Lite
LP: Standard Long (Ranch) Lite
[Jamb Detail FL 14170](#)
[Jamb Detail for 411052](#)
[Commercial Track Detail FL 14170](#)
[Commercial Track Detail for 411052](#)
[Post Installation FL 14170](#)
[Post Installation for 411052](#)

OHD Residential Wind Load Drawings Chart

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New Traditional Steel 24 GA											
Series 170-177 and 180-187											
Drawing #	Max Door Width ¹	Max Door Height ²	Positive Design PSF	Negative Design PSF	Wind Speed ASCE 7-16 ASCE 7-22 (MPH) Exposure B ³	Wind Speed ASCE 7-16 ASCE 7-22 (MPH) Exposure C ⁴	Window Sections	Notes	Florida Approval	Miami-Dade Approval	TDI
411055	9'0"	13'10"	46	52	225	180	SP/LP, SP Impact	<i>Impact</i>	FL 14170	23-1120.20	Pending
411618	16'-2"	14'-0"	46	52	230	SP/LP, SP Impact	<i>Impact</i>	23-1120.19			
411619	18'-2"	14'-0"	46	52	230	SP/LP, SP Impact	<i>Impact</i>	23-1120.18			

Window Note: Raised Panel Window available.

Impact Opt.: Indicates that impact glazing is available.

SP: Standard Short Lite

SP Impact: Impact Short Lite

LP: Standard Long (Ranch) Lite

[Jamb Detail](#)

[Commercial Track Detail](#)

[Post Installation](#)

Traditional Steel											
391/399											
Drawing #	Max Door Width ¹	Max Door Height ²	Positive Design PSF	Negative Design PSF	Wind Speed ASCE 7-16 ASCE 7-22 (MPH) Exposure B ³	Wind Speed ASCE 7-16 ASCE 7-22 (MPH) Exposure C ⁴	Window Sections	Notes	Florida Approval	Miami-Dade Approval	TDI
410723	9'	14'	26.7	30.2	170	140	Yes, 1x	<i>Non-Impact</i>	FL 11494	N/A	N/A
410726	10'	14'	22.8	25.8	160	130					
410725	12'	14'	26.9	30.4	175	140					
410728	12'	14'	24.7	27.9	165	135					
410729	16'	14'	18.4	20.5	145	120					
410735	18'	14'	21.8	28.5	160	130					

Window Note: Raised Panel and Ranch Window available.

[Jamb Detail](#)

[Track Supplement](#)

Carriage House Collection-(Impression Steel Series)											
301-304/307-309-(5800)											
Drawing #	Max Door Width ¹	Max Door Height ²	Positive Design PSF	Negative Design PSF	Wind Speed ASCE 7-16 ASCE 7-22 (MPH) Exposure B ³	Wind Speed ASCE 7-16 ASCE 7-22 (MPH) Exposure C ⁴	Window Sections	Notes	Florida Approval	Miami-Dade Approval	TDI
411452	9'	14'	12.80	14.80	115	95	No	<i>Non-Impact</i>	FL 21067	N/A	GDR-115
411416	9'	14'	12.80	14.80	115	95	Yes, 1X				
411417	9'	14'	22.90	26.30	155	130	No				
411418	9'	14'	22.90	26.30	155	130	Yes, 1X				
411419	9'	10'	26.90	30.80	170	140	No				
411420	9'	14'	26.90	30.80	170	140	Yes, 1X				
411421	9'	10'	31.20	35.80	185	150	No				
411422	9'	14'	31.20	35.80	185	150	Yes, 1X				
411423	9'	14'	35.70	41.00	195	160	No				
411424	9'	14'	45.30	51.20	220	180	No				
411425	10'	14'	12.80	14.80	120	95	No				
411426	10'	14'	12.80	14.80	120	95	Yes, 1X				
411427	10'	14'	19.20	22.00	145	120	No				
411428	10'	14'	19.20	22.00	145	120	Yes, 1X				
411429	10'	14'	22.90	26.30	160	130	No				
411430	10'	14'	22.90	26.30	160	130	Yes, 1X				
411431	10'	14'	26.90	30.80	170	140	No				
411432	10'	14'	26.90	30.80	170	140	Yes, 1X				
411433	10'	14'	31.20	35.80	185	150	No				
411453	10'	14'	41.00	46.30	210	175	No				
411434	16'	14'	12.40	13.80	120	95	Yes, 1X				
411435	16'	14'	15.30	17.00	130	105	No				
411436	16'	14'	15.30	17.00	130	105	Yes, 1X				
411437	16'	14'	18.50	20.70	145	120	No				
411438	16'	14'	18.50	20.70	145	120	Yes, 1X				
411439	16'	14'	22.00	24.50	160	130	No				
411446	16'	14'	23.00	25.00	160	130	Yes, 1X				
411447	16'	14'	27.00	31.00	175	145	Yes, 1X				
411441	18'	14'	15.30	17.00	130	110	Yes, 1X				
411440	18'	14'	18.50	20.70	145	120	No				
411442	18'	14'	18.50	20.70	145	120	Yes, 1X				
411445	18'	14'	22.00	24.50	160	130	No				
411448	18'	14'	26.30	29.30	175	145	Yes, 1X				
411449	16'	14'	30.00	33.50	185	150	No				
411450	16'2"	14'	39.20	43.70	210	175	No				
411451	18'2"	14'	30.00	33.50	185	150	No				

Window Note: Non-impact Glazing options are available.

[Jamb Detail](#)

[Track Supplement Chart](#)

OHD Residential Wind Load Drawings Chart

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WindStorm™ Series 5745/5765/7565													
Drawing #	Max Door Width ¹	Max Door Height ²	Positive Design PSF	Negative Design PSF	Wind Speed ASCE 7-16 ASCE 7-22 (MPH) Exposure B ³	Wind Speed ASCE 7-16 ASCE 7-22 (MPH) Exposure C ⁴	Window Sections	Notes	Florida Approval	Miami-Dade Approval	TDI		
411313	9'2"	24'	12.8	14.8	120	95	Yes	Non-Impact	FL 16798	N/A	N/A		
411314	9'2"	24'	19.1	20.6	140	115	Yes	Non-Impact			N/A		
411315	9'2"	24'	22.9	26.3	160	130	Yes	Non-Impact			N/A		
411316	9'2"	24'	26.9	30.8	170	140	Yes	Impact			GDR-98		
411317	9'2"	24'	35.7	41.0	200	160	Yes	Impact			N/A		
411318	9'2"	24'	41.0	46.3	215	175	Yes	Impact			N/A		
411319	9'2"	24'	46.0	52.0	225	185	Yes	Impact			N/A		
411342	9'2"	24'	46.0	52.0	225	185	Yes	Impact			N/A		
411320	9'2"	24'	64.0	72.0	265	215	Yes	Impact			FL 16798	N/A	GDR-98
411343	9'2"	24'	64.0	72.0	265	215	Yes	Impact			N/A	23-1120.23	N/A
411620	12'2"	24'	16.5	18.4	135	110	Yes	Non-Impact	FL 16798	N/A	N/A		
411621	12'2"	24'	19.3	21.6	145	120	Yes	Non-Impact			N/A		
411622	12'2"	24'	22.4	25.1	160	130	Yes	Impact			GDR-98		
411623	12'2"	24'	25.7	28.8	170	140	Yes	Impact			N/A		
411624	12'2"	24'	33.1	37.0	195	155	Yes	Impact			N/A		
411529	12'2"	24'	46.0	52.0	230	185	Yes	Impact			23-1120.21	N/A	
411321	16'2"	24'	12.4	13.8	120	95	Yes	Non-Impact			N/A		
411322	16'2"	24'	23.0	25.0	160	130	Yes	Non-Impact			N/A		
411323	16'2"	24'	30.0	33.5	185	155	Yes	Impact			N/A		
411324	16'2"	24'	32.4	38.3	195	160	Yes	Impact			GDR-98		
411325	16'2"	8'	46.0	52.0	230	190	Yes	Impact	N/A				
411530	16'2"	24'	46.0	52.0	230	190	Yes	Impact	23-1120.22	N/A			
411326	18'2"	24'	12.4	13.8	120	100	Yes	Non-Impact	FL 16798	N/A	N/A		
411327	18'2"	24'	23.0	25.0	160	130	Yes	Impact			N/A		
411328	18'2"	24'	30.0	33.5	185	155	No	Impact			GDR-98		
411686	18'2"	24'	30.0	33.5	185	155	Yes	Impact			N/A		
411329	18'2"	8'	46.0	52.0	230	190	Yes	Impact			N/A		
411531	18'2"	24'	46.0	52.0	230	190	Yes	Impact			23-1120.25	N/A	
411331	22'2"	24'	15.4	16.7	130	110	Yes	Non-Impact			N/A	N/A	
411332	22'2"	24'	20.1	22.5	155	125	No	Non-Impact			N/A	GDR-98	

[Jamb Detail](#)

[Wind Load Post Installation Instructions](#)

[Commercial Track Detail](#)

WindStorm™ Multi-Section Glazing											
Drawing #	Max Door Width ¹	Max Door Height ²	Positive Design PSF	Negative Design PSF	Wind Speed ASCE 7-16 ASCE 7-22 (MPH) Exposure B ³	Wind Speed ASCE 7-16 ASCE 7-22 (MPH) Exposure C ⁴	Window Sections	Notes	Florida Approval	Miami-Dade Approval	TDI
411890	9'2"	24'	12.8	14.8	120	95	Yes	Non-Impact	FL38457	N/A	N/A
411891	9'2"	24'	18.4	20.8	140	115	Yes	Non-Impact		N/A	
411892	9'2"	24'	25.0	28.2	165	135	Yes	Impact		N/A	
411893	9'2"	24'	32.6	36.9	190	155	Yes	Impact		N/A	
411894	9'2"	24'	36.8	41.6	200	165	Yes	Impact		N/A	
411895	9'2"	24'	41.3	46.7	215	175	Yes	Impact		N/A	
411896	9'2"	24'	46.0	52.0	225	185	Yes	Impact		23-1120.26	Yes
411897	16'2"	24'	12.4	14.8	120	100	Yes	Non-Impact		N/A	N/A
411898	16'2"	24'	18.4	20.8	145	120	Yes	Non-Impact		N/A	
411899	16'2"	24'	25.0	28.2	170	140	Yes	Impact		N/A	
411900	16'2"	24'	32.6	36.9	195	160	Yes	Impact	N/A		
411901	16'2"	24'	36.8	41.6	205	170	Yes	Impact	N/A		
411902	16'2"	24'	41.3	46.7	220	180	Yes	Impact	N/A		
411903	16'2"	24'	46.0	52.0	230	190	Yes	Impact	23-1120.27	Yes	
411904	18'2"	24'	12.8	14.8	120	100	Yes	Non-Impact	N/A	N/A	
411905	18'2"	24'	18.4	20.8	145	120	Yes	Non-Impact	N/A		
411906	18'2"	24'	25.0	28.2	170	140	Yes	Impact	N/A		
411907	18'2"	24'	32.6	36.9	195	160	Yes	Impact	N/A		
411908	18'2"	24'	36.8	41.6	205	170	Yes	Impact	N/A		
411909	18'2"	24'	41.3	46.7	220	180	Yes	Impact	N/A		
411910	18'2"	24'	43.0	48.0	225	185	Yes	Impact	23-1120.28	Yes	

[Jamb Detail](#)

Model 5765AG - Impact Glazing is **NOT** Available.

1. Refer to the price book/OHDirect for the complete listing of available pressures and sizes
2. Post pressures are for 7' tall door, see drawing for 8' tall pressures
3. Wind Speed is 3-Second Peak gusts, using exposure B, for single or double story structures, calculated according to ASCE 7-22.
Assumptions: Mean roof height of 25 ft, flat ground, sea level, enclosed building and roof angle >10°.
The Wind Speed Calculation is based on the max width of the door and a max height of 8-7 ft depending on the section heights.
If a narrower, or taller door is used instead of the max shown in the chart, the wind speed rating may be different.
For reference only. Final door requirements to be determine by architect, engineer or other professional.

OHD Residential Wind Load Drawings Chart

Revision Date: April 12, 2024

4. Wind Speed is 3-Second Peak gusts, using exposure C, for single or double story structures, calculated according to ASCE 7-22.
Assumptions: Mean roof height of 25 ft, flat ground, sea level, enclosed building and roof angle $>10^\circ$.
The Wind Speed Calculation is based on the max width of the door and a max height of 8-7 ft depending on the section heights.
If a narrower, or taller door is used instead of the max shown in the chart, the wind speed rating may be different.
For reference only. Final door requirements to be determined by architect, engineer or other professional.
Note: Standard door glazing is not approved for wind-borne debris region and impact-resistant glazing must be ordered.

OHD Residential Wind Load Drawings Chart

Revision Date: April 12, 2024

Wood Door Collection (Non-Florida Approved)											
(570,580)											
Drawing #	Max Door Width ¹	Max Door Height ²	Positive Design PSF	Negative Design PSF	Wind Speed ASCE 7-16 ASCE 7-22 (MPH) Exposure B ³	Wind Speed ASCE 7-16 ASCE 7-22 (MPH) Exposure C ⁴	Window Sections	Notes	Florida Approval	Miami-Dade Approval	TDI Approval
411205	9'	8'	31.2	35.8	185	150	Yes, 1x	<i>Non-Impact</i> Series 570, 571, 578	N/A	N/A	N/A
411207	16'	8'	23	25	160	130	Yes, 1x				
411209	18'	8'	15.3	17	130	110	Yes, 1x				
411206	9'	8'	31.2	35.8	185	150	Yes, 1x	<i>Non-Impact</i> Series 580, 588			
411208	16'	8'	23	25	160	130	Yes, 1x				
411210	18'	8'	15.3	17	130	110	Yes, 1x				

[Jamb Drawing \(409783\)](#)

Courtyard Collection (Non-Florida Approved)											
Series 270/370											
Drawing #	Max Door Width ¹	Max Door Height ²	Positive Design PSF	Negative Design PSF	Wind Speed ASCE 7-16 ASCE 7-22 (MPH) Exposure B ³	Wind Speed ASCE 7-16 ASCE 7-22 (MPH) Exposure C ⁴	Window Sections	Notes	Florida Approval	Miami-Dade Approval	TDI Approval
411183	10'2"	16'1"	37.1	42	205	165	Yes, 1x	<i>Non-Impact</i>	N/A	N/A	N/A
411182	10'2"	16'1"	32.6	36.9	190	155					
411181	12'2"	16'1"	28.4	32.2	180	145					
411180	14'2"	16'1"	24.5	27.7	165	135					
411179	18'2"	16'1"	20.9	23.6	155	130					
411178	20'2"	16'1"	17.5	19.9	140	120					
411177	20'2"	16'1"	14.5	16.4	130	105					
411176	20'2"	16'1"	11.7	13.3	115	95					

Window Note: Raised Panel. Impact Window Only available for Raised Panel.

[Jamb Drawing \(409783\)](#)

**For posted doors pressures listed are for 8' tall door. 7' Door pressures are 1.14x listed values

Courtyard Collection (Non-Florida Approved)											
Series 160, 7560											
Drawing #	Max Door Width ¹	Max Door Height ²	Positive Design PSF	Negative Design PSF	Wind Speed ASCE 7-16 ASCE 7-22 (MPH) Exposure B ³	Wind Speed ASCE 7-16 ASCE 7-22 (MPH) Exposure C ⁴	Window Sections	Notes	Florida Approval	Miami-Dade Approval	TDI Approval
410715	10'	12'	28.8	32.5	180	145	Yes, 1x	<i>Non-Impact</i>	N/A	N/A	N/A
410249	9'	14'	14.8	22.2	125	105	Yes, 1x	IBC Design			
410208	10'	14'	14.8	22.2	125	105	Yes, 1x	IBC Design			
410135	10'	12'	22	22	145	120	Yes, 1x	-			
410716	10'	12'	24.6	30.8	165	140	Yes, 1x	-			
410832	10'	16'	28.8	32.5	180	145	1x, Impact	Impact-Rated			
410831	10'	16'	37	37	190	155	1x, Impact	Impact-Rated			
410717	16'	16'	22	24.3	160	130	Yes, 1x	-			
410718	18'	16'	20.2	22.5	155	125	Yes, 1x	-			
410861	16'	16'	25.6	28.5	170	140	1x, Impact	Impact-Rated			
411150	16'	16'	31.8	35.5	190	155	1x, Impact	Impact-Rated			
411151	16'	16'	35.7	40	205	165	1x, Impact	Impact-Rated			
410210	18'	14'	14.8	22.2	130	110	Yes, 1x	IBC Design			
410720	18'	14'	20.5	22.7	155	125	Yes, 1x	-			
411184	18'	16'	23.7	26.4	165	135	Yes, 1x	-			
411152	18'	16'	28.2	32.2	180	150	1x, Impact	Impact-Rated			
411153	18'	16'	31.1	38.3	190	160	1x, Impact	Impact-Rated			

Impact window available with any design, but impact doors can only get impact window.

[Jamb Detail Drawing](#)

[Impact Window for Insulated Doors \(410777\)](#)

[Wind Load Post Installation Instru](#)

**For posted doors pressures listed are for 8' tall door. 7' Door pressures are 1.14x listed values

OHD Residential Wind Load Drawings Chart

Revision Date: April 12, 2024

Thermacore (Non-Florida Approved)											
Series 192, 194/195, 196, 198/199, 494/495, 5740, 5760											
Drawing #	Max Door Width ¹	Max Door Height ²	Positive Design PSF	Negative Design PSF	Wind Speed ASCE 7-16 ASCE 7-22 (MPH) Exposure B ³	Wind Speed ASCE 7-16 ASCE 7-22 (MPH) Exposure C ⁴	Window Sections	Notes	Florida Approval	Miami-Dade Approval	TDI Approval
410715	10'	12'	28.8	32.5	180	145	Yes, 1x	-	N/A	N/A	N/A
410135	10'	12'	22	22	145	120	Yes, 1x	-			
410716	10'	12'	24.6	30.8	165	140	Yes, 1x	-			
410208	10'	14'	14.8	22.2	125	105	Yes, 1x	IBC Design			
410832	10'	16'	28.8	32.5	180	145	1x, Impact	Impact-Rated			
410831	10'	16'	37	37	190	155	1x, Impact	Impact-Rated			
410717	16'	16'	22	24.3	160	130	Yes, 1x	-			
410861	16'	16'	25.6	28.5	170	140	1x, Impact	Impact-Rated			
411150	16'	16'	31.8	35.5	190	155	1x, Impact	Impact-Rated			
411151	16'	16'	35.7	40	205	165	1x, Impact	Impact-Rated			
410210	18'	14'	14.8	22.2	130	110	Yes, 1x	IBC Design			
410720	18'	14'	20.5	22.7	155	125	Yes, 1x	-			
410718	18'	16'	20.2	22.5	155	125	Yes, 1x	-			
411184	18'	16'	23.7	26.4	165	135	Yes, 1x	-			
411152	18'	16'	28.2	32.2	180	150	1x, Impact	Impact-Rated			
411153	18'	16'	31.1	38.3	190	160	1x, Impact	Impact-Rated			

[Wind Load Post Installation Instru](#)

[Jamb Detail](#)

[Commercial Track Detail](#)

**For posted doors pressures listed are for 8' tall door. 7' Door pressures are 1.14x listed values

Thermacore (Non-Florida Approved)											
Series 297/298											
Drawing #	Max Door Width ¹	Max Door Height ²	Positive Design PSF	Negative Design PSF	Wind Speed ASCE 7-16 ASCE 7-22 (MPH) Exposure B ³	Wind Speed ASCE 7-16 ASCE 7-22 (MPH) Exposure C ⁴	Window Sections	Notes	Florida Approval	Miami-Dade Approval	TDI
411183	10'2"	16'1"	37.1	42	205	165	Yes, 1x	-	N/A	N/A	N/A
411182	10'2"	16'1"	32.6	36.9	190	155		-			
411181	12'2"	16'1"	28.4	32.2	180	145		-			
411180	14'2"	16'1"	24.5	27.7	165	135		-			
411179	18'2"	16'1"	20.9	23.6	155	130		-			
411178	20'2"	16'1"	17.5	19.9	140	120		-			
411177	20'2"	16'1"	14.5	16.4	130	105		-			
411176	20'2"	16'1"	11.7	13.3	115	95		-			

Window Note: Raised Panel.

[Jamb Detail \(409783\)](#)

1. Refer to the price book/OHDirect for the complete listing of available pressures and sizes
 2. Post pressures are for 7' tall door, see drawing for 8' tall pressures
 3. Wind Speed is 3-Second Peak gusts, using exposure B, for single or double story structures, calculated according to ASCE 7-22.
Assumptions: Mean roof height of 25 ft, flat ground, sea level, enclosed building and roof angle >10°.
The Wind Speed Calculation is based on the max width of the door and a max height of 8-7 ft depending on the section heights.
If a narrower, or taller door is used instead of the max shown in the chart, the wind speed rating may be different.
For reference only. Final door requirements to be determine by architect, engineer or other professional.
 4. Wind Speed is 3-Second Peak gusts, using exposure C, for single or double story structures, calculated according to ASCE 7-22.
Assumptions: Mean roof height of 25 ft, flat ground, sea level, enclosed building and roof angle >10°.
The Wind Speed Calculation is based on the max width of the door and a max height of 8-7 ft depending on the section heights.
If a narrower, or taller door is used instead of the max shown in the chart, the wind speed rating may be different.
For reference only. Final door requirements to be determined by architect, engineer or other professional.
- Note: Standard door glazing is not approved for wind-borne debris region and impact-resistant glazing must be ordered.