

OHD Wind Load Drawings Chart

Revision Date: July 28th, 2026

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](#)



Residential Sectional

Aluminum Full View											
Series 9920, 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 FL 17629	Miami-Dade Approval	TDI Approval
410227	10'-2"	30'1"	50	50	220	180	Glazing not approved for impact-resistance	Non- Impact	FL 17629.8	N/A	TPA - FL17629
410226	14'-2"	30'1"	37	37	195	160			FL 17629.7		
410225	16'-2"	30'1"	31	31	180	145			FL 17629.6		
410224	18'-2"	30'1"	26	26	165	135			FL 17629.5		
410223	20'-2"	30'1"	22	22	150	125			FL 17629.4		
410222	22'-2"	30'1"	18	18	135	115			FL 17629.3		
411368	16'-2"	30'1"	48	54	235	195	All, Impact	Impact-Rated	FL 17629.1		
411487	18'-2"	30'1"	43	48	225	185			FL 17629.2		

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 FL 32170	Miami-Dade Approval	TDI Approval
411702	9'2"	24'	12.8	14.8	120	95	Yes, 1x	Non-Impact	FL 32170.14	N/A	TPA - FL32170
411703	9'2"	24'	19.1	20.6	140	115	Yes, 1x	Non-Impact	FL 32170.15		
411704	9'2"	24'	22.9	26.3	160	130	Yes, 1x	Non-Impact	FL 32170.16		
411705	9'2"	24'	26.9	30.8	170	140	1x, Impact	Impact	FL 32170.17		
411706	9'2"	24'	35.7	41.0	200	160	1x, Impact	Impact	FL 32170.18		
411707	9'2"	24'	41.0	46.3	215	175	1x, Impact	Impact	FL 32170.19		
411708	9'2"	24'	46.0	52.0	225	185	1x, Impact	Impact	FL 32170.20		
411709	9'2"	24'	64.0	72.0	265	215	1x, Impact	Impact	FL 32170.21		
411710	12'2"	24'	16.5	18.4	135	110	Yes, 1x	Non-Impact	FL 32170.22		
411711	12'2"	24'	19.3	21.6	145	120	Yes, 1x	Non-Impact	FL 32170.23		
411712	12'2"	24'	22.4	25.1	160	130	1x, Impact	Impact	FL 32170.24		
411713	12'2"	24'	25.7	28.8	170	140	1x, Impact	Impact	FL 32170.25		
411714	12'2"	24'	33.1	37.0	195	155	1x, Impact	Impact	FL 32170.26		
411715	16'2"	24'	12.4	13.8	120	95	Yes, 1x	Non-Impact	FL 32170.27		
411716	16'2"	24'	23.0	25.0	160	130	Yes, 1x	Non-Impact	FL 32170.28		
411717	16'2"	24'	30.0	33.5	185	155	1x, Impact	Impact	FL 32170.29		
411718	16'2"	24'	34.4	38.3	200	165	1x, Impact	Impact	FL 32170.30		
411719	18'2"	24'	12.4	13.8	120	100	Yes, 1x	Non-Impact	FL 32170.31		
411720	18'2"	24'	23.0	25.0	160	130	1x, Impact	Impact	FL 32170.32		
411721	18'2"	24'	30.0	33.5	185	155	1x, Impact	Impact	FL 32170.33		
411722	22'2"	24'	15.4	16.7	130	110	Yes, 1x	Non-Impact	FL 32170.34		
411723	22'2"	24'	20.1	22.5	155	125	No	Non-Impact	FL 32170.35		

Jamb Supplemental

Commercial Track Detail

Commercial Hardware

OHD Wind Load Drawings Chart

Revision Date: July 28th, 2026

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 FL 32170	Miami-Dade Approval	TDI Approval
411702	9'2"	24'	12.8	14.8	120	95	Yes, 1x	Non-Impact	FL 32170.14	N/A	TPA - FL32170
411703	9'2"	24'	19.1	20.6	140	115	Yes, 1x	Non-Impact	FL 32170.15		
411704	9'2"	24'	22.9	26.3	160	130	Yes, 1x	Non-Impact	FL 32170.16		
411705	9'2"	24'	26.9	30.8	170	140	1x, Impact	Impact	FL 32170.17		
412858	9'2"	24'	26.9	30.8	170	140	1x, Impact	Impact	FL 32170.1		
411706	9'2"	24'	35.7	41.0	200	160	1x, Impact	Impact	FL 32170.18		
411707	9'2"	24'	41.0	46.3	215	175	1x, Impact	Impact	FL 32170.19		
412859	9'2"	24'	41.0	46.3	215	175	Yes	Impact	FL 32170.2		
411708	9'2"	24'	46.0	52.0	225	185	1x, Impact	Impact	FL 32170.20		
411709	9'2"	24'	64.0	72.0	265	215	1x, Impact	Impact	FL 32170.21		
411710	12'2"	24'	16.5	18.4	135	110	Yes, 1x	Non-Impact	FL 32170.22		
411711	12'2"	24'	19.3	21.6	145	120	Yes, 1x	Non-Impact	FL 32170.23		
411712	12'2"	24'	22.4	25.1	160	130	1x, Impact	Impact	FL 32170.24		
411713	12'2"	24'	25.7	28.8	170	140	1x, Impact	Impact	FL 32170.25		
411714	12'2"	24'	33.1	37.0	195	155	1x, Impact	Impact	FL 32170.26		
412860	12'2"	24'	33.1	37.0	190	155	Yes	Impact	FL 32170.3		
412861	12'2"	24'	41.3	46.7	215	175	Yes	Impact	FL 32170.4		
411715	16'2"	24'	12.4	13.8	120	95	Yes, 1x	Non-Impact	FL 32170.27		
411716	16'2"	24'	23.0	25.0	160	130	Yes, 1x	Non-Impact	FL 32170.28		
412862	16'2"	24'	23.0	25.0	155	125	Yes	Non-Impact	FL 32170.5		
412863	16'2"	24'	26.9	30.8	170	140	Yes	Impact	FL 32170.6		
411717	16'2"	24'	30.0	33.5	185	155	1x, Impact	Impact	FL 32170.29		
412864	16'2"	24'	30.0	33.5	180	145	Yes	Impact	FL 32170.7		
412865	16'2"	24'	32.6	36.9	190	155	Yes	Impact	FL 32170.8		
411718	16'2"	24'	34.4	38.3	200	165	1x, Impact	Impact	FL 32170.30		
412866	16'2"	24'	41.3	46.7	215	175	Yes	Impact	FL 32170.9		
411719	18'2"	24'	12.4	13.8	120	100	Yes, 1x	Non-Impact	FL 32170.31		
411720	18'2"	24'	23.0	25.0	160	130	1x, Impact	Impact	FL 32170.32		
412867	18'2"	24'	23.0	25.0	155	125	Yes	Impact	FL 32170.10		
412868	18'2"	24'	26.9	30.8	170	140	Yes	Impact	FL 32170.11		
411721	18'2"	24'	30.0	33.5	185	155	1x, Impact	Impact	FL 32170.33		
412869	18'2"	24'	32.6	36.9	190	155	Yes	Impact	FL 32170.12		
412870	18'2"	24'	41.3	46.7	215	175	Yes	Impact	FL 32170.13		
411722	22'2"	24'	15.4	16.7	130	110	Yes, 1x	Non-Impact	FL 32170.34		
411723	22'2"	24'	20.1	22.5	155	125	No	Non-Impact	FL 32170.35		

[Jamb Supplemental](#)

[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 FL 32170	Miami-Dade Approval	TDI Approval
411820	9'2"	24'	12.8	14.8	120	95	Yes	Non-Impact	FL 32170.36	N/A	TPA - FL32170
411821	9'2"	24'	18.4	20.8	140	115	Yes	Non-Impact	FL 32170.37		
411822	9'2"	24'	25.0	28.2	165	135	Yes	Impact	FL 32170.38		
411823	9'2"	24'	32.6	36.9	190	155	Yes	Impact	FL 32170.39		
411824	9'2"	24'	36.8	41.6	200	165	Yes	Impact	FL 32170.40		
411825	9'2"	24'	41.3	46.7	215	175	Yes	Impact	FL 32170.41		
411827	16'2"	24'	12.4	14.8	120	100	Yes	Non-Impact	FL 32170.42		
411828	16'2"	24'	18.4	20.8	145	120	Yes	Non-Impact	FL 32170.43		
411829	16'2"	24'	25.0	28.2	170	140	Yes	Impact	FL 32170.44		
411830	16'2"	24'	32.6	36.9	195	160	Yes	Impact	FL 32170.45		
411831	16'2"	24'	36.8	41.6	205	170	Yes	Impact	FL 32170.46		
411832	16'2"	24'	41.3	46.7	220	180	Yes	Impact	FL 32170.47		
411834	18'2"	24'	12.8	14.8	120	100	Yes	Non-Impact	FL 32170.48		
411835	18'2"	24'	18.4	20.8	145	120	Yes	Non-Impact	FL 32170.49		
411836	18'2"	24'	25.0	28.2	170	140	Yes	Impact	FL 32170.50		
411837	18'2"	24'	32.6	36.9	195	160	Yes	Impact	FL 32170.51		
411838	18'2"	24'	36.8	41.6	205	170	Yes	Impact	FL 32170.52		
411839	18'2"	24'	41.3	46.7	220	180	Yes	Impact	FL 32170.53		

[Jamb Supplemental](#)

[Commercial Track Detail](#)

[Commercial Hardware](#)

OHD Wind Load Drawings Chart

Revision Date: July 28th, 2026

Duraform											
Series 3560											
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 FL 12099	Miami-Dade Approval	TDI
329472	9'-0"	14'-0"	22.90	26.30	155	130	Standard SP	Non-Impact	FL 12099.1	N/A	TPA - FL12099
329473	9'-0"	14'-0"	31.20	35.80	185	150	Standard SP		FL 12099.2		
329474	9'-0"	14'-0"	41.60	46.30	210	170	Standard SP		FL 12099.3		
329475	16'-0"	14'-0"	23.00	25.00	160	130	Standard SP		FL 12099.4		
329476	16'-0"	14'-0"	30.00	33.50	185	150	No		FL 12099.5		
329477 Post	16'-0"	8'-0"	43.40	48.40	225	185	Standard SP		FL 12099.6		
329478	18'-0"	12'-0"	18.50	20.70	145	120	Standard SP		FL 12099.7		
329479	18'-0"	12'-0"	25.90	28.80	170	140	No		FL 12099.8		
329480 Post	18'-0"	8'-0"	39.20	43.70	210	175	Standard SP		FL 12099.9		

Post Installation Instructions

Jamb Connection Supplement

Track Supplement Chart

Standard SP - Short panel

Impression Collection											
Series 980, 7800											
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 FL 17167	Miami-Dade Approval	TDI
411357	9'-0"	10'-0"	22.90	26.30	155	130	Standard SP	Non-Impact	FL 17167.1	N/A	GDR-99
411358	9'-0"	10'-0"	31.20	35.80	185	150	Standard SP		FL 17167.2		
411359	9'-0"	10'-0"	41.00	46.30	210	170	Standard SP		FL 17167.3		
411360	16'-0"	10'-0"	15.30	17.00	130	105	Standard SP		FL 17167.4		N/A
411361	16'-0"	10'-0"	23.00	25.00	160	130	Standard SP		FL 17167.5		GDR-99
411362 Post	16'-0"	8'-0"	34.40	38.30	200	160	Standard SP		FL 17167.6		

Jamb Detail

Commercial Track Det

Post Installation

Standard SP - Short panel glazing (Horizontal, Vertical, and V-Groove panels only)

Traditional Steel Collection 25GA											
Series 170, 171, 175, 180, 181, 185 (1400, 1500)											
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 FL 46804 , FL 14170	Miami-Dade Approval	TDI
412598	9'-0"	14'-0"	10.0	12.0	105	85	Standard SP/LPII	Non-Impact	FL 14170.21	N/A	TPA - FL14170
412599	9'-0"	14'-0"	12.0	14.0	115	95			FL 14170.22		
411039	9'-0"	14'-0"	15.9	18.2	130	105			FL 14170.1		
411536	9'-0"	14'-0"	22.9	26.3	155	130	Standard/Impact SP/LPII	Impact	FL 14170.13		TPA - FL46804
411537	9'-0"	14'-0"	26.9	30.8	170	140			FL 14170.14		TPA - FL14170
412659	9'-0"	14'-0"	26.9	30.8	170	140	Standard/Impact SP/LPII/LPIII		FL 46804.1		TPA - FL46804
411525	9'-0"	14'-0"	31.0	35.0	185	150	Standard/Impact SP/LPII		FL 14170.12		TPA - FL14170
412660	9'-0"	14'-0"	31.0	35.0	185	150	Standard/Impact SP/LPII/LPIII		FL 46804.2		TPA - FL46804
411538	9'-0"	14'-0"	37.0	41.0	200	160	Standard/Impact SP/LPII		FL 14170.23		TPA - FL14170
412661	9'-0"	14'-0"	37.0	41.0	200	160	Impact SP/LPII/LPIII		FL 46804.3		TPA - FL46804
412663	9'-0"	14'-0"	41.3	46.7	210	175			FL 46804.4		TPA - FL14170
411043	9'-0"	14'-0"	46.0	52.0	225	180	Impact SP	FL 14170.2	TPA - FL14170		
412664	9'-0"	14'-0"	46.0	52.0	225	180	Impact SP/LPII/LPIII	FL 46804.5	TPA - FL46804		
411044	16'-0"	14'-0"	12.4	13.8	120	95	Standard SP/LPII	Non-Impact	FL 14170.3		TPA - FL14170
411045	16'-0"	14'-0"	15.3	17.0	130	105			FL 14170.4		
411046	16'-0"	14'-0"	23.0	25.0	160	130			Standard/Impact SP/LPII		
412665	16'-0"	14'-0"	23.0	25.0	160	130	Standard/Impact SP/LPII/LPIII	FL 46804.6	TPA - FL46804		
411548	16'-0"	14'-0"	26.0	29.0	170	140	Standard/Impact SP/LPII	FL 14170.24	TPA - FL14170		
412666	16'-0"	14'-0"	26.0	29.0	170	140	Standard/Impact SP/LPII/LPIII	FL 46804.7	TPA - FL46804		
411047	16'-0"	14'-0"	30.0	33.5	185	150	Standard/Impact SP/LPII	FL 14170.6	TPA - FL14170		
412667	16'-0"	14'-0"	30.0	33.5	185	150	Standard/Impact SP/LPII/LPIII	FL 46804.8	TPA - FL46804		
412668	16'-0"	14'-0"	32.6	36.9	195	160		FL 46804.9	TPA - FL14170		
411048	16'-0"	14'-0"	34.4	38.3	200	160	Standard/Impact SP	FL 14170.7	TPA - FL14170		
412670	16'-0"	14'-0"	34.4	38.3	200	160	Standard/Impact SP/LPII/LPIII	FL 46804.10	TPA - FL46804		
412671	16'-0"	14'-0"	41.3	46.7	215	180	Impact SP/LPII/LPIII	FL 46804.11	TPA - FL14170		
411049	16'-0"	14'-0"	46.0	52.0	230	190	Impact SP	FL 14170.8	TPA - FL14170		
412673	16'-2"	14'-0"	46.0	52.0	230	190	Impact SP/LPII/LPIII	FL 46804.12	TPA - FL46804		
411689	16'-2"	14'-0"	46.0	52.0	230	190	Impact SP	FL 14170.18	TPA - FL14170		
411054	18'-0"	8'-0"	46.0	52.0	230	190	Impact SP	FL 14170.11			
411050	18'-0"	14'-0"	12.4	13.8	120	95	Standard SP/LPII	FL 14170.9			
411051	18'-0"	14'-0"	18.5	20.7	145	120		FL 14170.10			
412674	18'-0"	14'-0"	23.0	25.0	160	130	Standard/Impact SP/LPII/LPIII	FL 46804.16	TPA - FL46804		
411545	18'-0"	14'-0"	26.3	29.3	175	145	Standard/Impact SP/LPII	FL 14170.25	TPA - FL14170		
412675	18'-0"	14'-0"	26.0	29.0	170	140	Standard/Impact SP/LPII/LPIII	FL 46804.13	TPA - FL46804		
412677	18'-0"	14'-0"	32.6	36.9	195	160		FL 46804.17	TPA - FL14170		
411691	18'-0"	14'-0"	34.4	38.3	200	165	Standard/Impact SP/LPII	FL 14170.19	TPA - FL14170		
412679	18'-0"	14'-0"	34.4	38.3	200	165	Standard/Impact SP/LPII/LPIII	FL 46804.14	TPA - FL46804		
412680	18'-0"	14'-0"	41.3	46.7	220	180	FL 46804.18				
412682	18'-2"	14'-0"	46.0	52.0	230	190	Impact SP/LPII/LPIII	FL 46804.15			
411690	18'-2"	14'-0"	46.0	52.0	230	190	Impact SP	FL 14170.20	TPA - FL14170		

Window Note: Raised Panel Window available.

SP: Standard Short Lite

SP Impact: Impact Short Lite

LPII: Long Panel II Lite. (Ranch)

LPIII: Long Panel III Lite. May require additional strut. See drawing for more info.

Jamb Detail FL 14170

Commercial Track Detail FL 14170

Post Installation FL 14170

OHD Wind Load Drawings Chart

Revision Date: July 28th, 2026

Traditional Steel Collection 24GA											
Series 170, 171, 175, 180, 181, 185 (1440, 1540)											
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 FL 14170	Miami-Dade Approval	TDI
411055	9'0"	13'10"	46	52	225	180	SP/LP, SP Impact	<i>Impact</i>	FL 14170.17	25-0902.10	TPA - FL14170
411618	16'-2"	14'-0"	46	52	230	190	SP/LP, SP Impact	<i>Impact</i>	FL 14170.15	25-0902.09	
411619	18'-2"	14'-0"	46	52	230	190	SP/LP, SP Impact	<i>Impact</i>	FL 14170.16	25-0902.08	

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 Collection 1600											
Series 391, 399 (1600)											
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 FL 11494	Miami-Dade Approval	TDI
410723	9'	14'	26.7	30.2	170	140	Yes, 1x	Non-Impact	FL 11494.6	N/A	TPA - FL11494
410726	10'	14'	22.8	25.8	160	130			FL 11494.2		
410725	12'	14'	26.9	30.4	175	140			FL 11494.1		
410728	12'	14'	24.7	27.9	165	135			FL 11494.3		
410729	16'	14'	18.4	20.5	145	120			FL 11494.4		
410735	18'	14'	21.8	28.5	160	130			FL 11494.5		

Window Note: Raised Panel and Ranch Window available.

[Jamb Detail](#)

[Track Supplement](#)

WindStorm™											
Series 5745, 5765, 7565, 7655, 515, 525											
Drawing #	Max Door Width¹	Max Door Height²	Positive Design PSF	Negative Design PSF	Wind Speed ASCE 7-16 ASCE 7-22 (MPH) Exposure B³	Wind Speed ASCE 7-16 ASCE 7-22 (MPH) Exposure C⁴	Window Sections	Notes	Florida Approval FL 16798	Miami-Dade Approval	TDI
411313	9'2"	24'	12.8	14.8	120	95	Yes	Non-Impact	FL 16798.1	N/A	TPA - FL16798
411314	9'2"	24'	19.1	20.6	140	115	Yes	Non-Impact	FL 16798.2		
411315	9'2"	24'	22.9	26.3	160	130	Yes	Non-Impact	FL 16798.3		
411316	9'2"	24'	26.9	30.8	170	140	Yes	Impact	FL 16798.4		
411317	9'2"	24'	35.7	41.0	200	160	Yes	Impact	FL 16798.5		
411318	9'2"	24'	41.0	46.3	215	175	Yes	Impact	FL 16798.6		
411319	9'2"	24'	46.0	52.0	225	185	Yes	Impact	FL 16798.7		
411342	9'2"	24'	46.0	52.0	225	185	Yes	Impact	N/A	25-0924.05	N/A
411320	9'2"	24'	64.0	72.0	265	215	Yes	Impact	FL 16798.8	N/A	TPA - FL16798
411343	9'2"	24'	64.0	72.0	265	215	Yes	Impact	N/A	25-0924.06	N/A
411620	12'2"	24'	16.5	18.4	135	110	Yes	Non-Impact	FL 16798.20	N/A	TPA - FL16798
411621	12'2"	24'	19.3	21.6	145	120	Yes	Non-Impact	FL 16798.21		
411622	12'2"	24'	22.4	25.1	160	130	Yes	Impact	FL 16798.22		
411623	12'2"	24'	25.7	28.8	170	140	Yes	Impact	FL 16798.23		
411624	12'2"	24'	33.1	37.0	195	155	Yes	Impact	FL 16798.24		
411529	12'2"	24'	46.0	52.0	230	185	Yes	Impact	FL 16798.25	24-0814.06	
411321	16'2"	24'	12.4	13.8	120	95	Yes	Non-Impact	FL 16798.9	N/A	
411322	16'2"	24'	23.0	25.0	160	130	Yes	Non-Impact	FL 16798.10		
411323	16'2"	24'	30.0	33.5	185	155	Yes	Impact	FL 16798.11		
411324	16'2"	24'	32.4	38.3	195	160	Yes	Impact	FL 16798.12		
411325	16'2"	8'	46.0	52.0	230	190	Yes	Impact	FL 16798.13	24-0814.07	
411530	16'2"	24'	46.0	52.0	230	190	Yes	Impact	FL 16798.26		
411326	18'2"	24'	12.4	13.8	120	100	Yes	Non-Impact	FL 16798.14		
411327	18'2"	24'	23.0	25.0	160	130	Yes	Impact	FL 16798.15	N/A	TPA - FL16798
411328	18'2"	24'	30.0	33.5	185	155	No	Impact	FL 16798.16		
411686	18'2"	24'	30.0	33.5	185	155	Yes	Impact	FL 16798.28		
411329	18'2"	8'	46.0	52.0	230	190	Yes	Impact	FL 16798.17	24-0814.08	
411531	18'2"	24'	46.0	52.0	230	190	Yes	Impact	FL 16798.27		
411331	22'2"	24'	15.4	16.7	130	110	Yes	Non-Impact	FL 16798.18		
411332	22'2"	24'	20.1	22.5	155	125	No	Non-Impact	FL 16798.19	N/A	

[Jamb Detail](#)

[Wind Load Post Installation Instructions](#)

[Commercial Track Detail](#)

OHD Wind Load Drawings Chart

Revision Date: July 28th, 2026

WindStorm™ Multi-Section Glazing											
Series 5745, 5765, 7565, 7655, 515, 525											
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 FL 38457	Miami-Dade Approval	TDI
411890	9'2"	24'	12.8	14.8	120	95	Yes	Non-Impact	FL38457.1	N/A	TPA - FL38457
411891	9'2"	24'	18.4	20.8	140	115	Yes	Non-Impact	FL38457.2		
411892	9'2"	24'	25.0	28.2	165	135	Yes	Impact	FL38457.3		
411893	9'2"	24'	32.6	36.9	190	155	Yes	Impact	FL38457.4		
411894	9'2"	24'	36.8	41.6	200	165	Yes	Impact	FL38457.5		
411895	9'2"	24'	41.3	46.7	215	175	Yes	Impact	FL38457.6		
411896	9'2"	24'	46.0	52.0	225	185	Yes	Impact	FL38457.19	23-1120.26	
411897	16'2"	24'	12.4	14.8	120	100	Yes	Non-Impact	FL38457.7	N/A	
411898	16'2"	24'	18.4	20.8	145	120	Yes	Non-Impact	FL38457.8		
411899	16'2"	24'	25.0	28.2	170	140	Yes	Impact	FL38457.9		
411900	16'2"	24'	32.6	36.9	195	160	Yes	Impact	FL38457.10		
411901	16'2"	24'	36.8	41.6	205	170	Yes	Impact	FL38457.11		
411902	16'2"	24'	41.3	46.7	220	180	Yes	Impact	FL38457.12		
411903	16'2"	24'	46.0	52.0	230	190	Yes	Impact	FL38457.20	23-1120.27	
411904	18'2"	24'	12.8	14.8	120	100	Yes	Non-Impact	FL38457.13	N/A	
411905	18'2"	24'	18.4	20.8	145	120	Yes	Non-Impact	FL38457.14		
411906	18'2"	24'	25.0	28.2	170	140	Yes	Impact	FL38457.15		
411907	18'2"	24'	32.6	36.9	195	160	Yes	Impact	FL38457.16		
411908	18'2"	24'	36.8	41.6	205	170	Yes	Impact	FL38457.17		
411909	18'2"	24'	41.3	46.7	220	180	Yes	Impact	FL38457.18		
411910	18'2"	24'	43.0	48.0	225	185	Yes	Impact	FL38457.21	23-1120.28	

[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 determined 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.

OHD Wind Load Drawings Chart

Revision Date: March 9th, 2026

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](#)



Commercial Sectional

Series 416 /418 "Sectional Steel"

Extra Heavy Duty, 2" thk, 16 ga, Flush, Pan/Insulated

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 FL 11734	Miami-Dade Approval	TDI Approval
410216	14'-2"	30'-1"	50	50	225	185	Multiple Sash/Glazed Sections Permitted	Non-Impact	FL 11734.6	N/A	TPA - FL11734
410157	18'-2"	30'-1"	37	37	195	160			FL 11734.5		
410156	22'-2"	30'-1"	31	31	180	150			FL 11734.4		
410155	24'-2"	30'-1"	26	26	165	135			FL 11734.3		
410154	26'-2"	30'-1"	22	22	155	125			FL 11734.2		
410153	30'-2"	30'-1"	18	18	140	115			FL 11734.1		

[408717 Hardware Draw](#)

Series 420/422 "Sectional Steel"

Heavy Duty, 2" thk, 20 ga, Ribbed, Pan/Insulated

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 FL 11734	Miami-Dade Approval	TDI Approval
410217	14'-2"	30'-1"	50	50	225	185	Multiple Sash/Glazed Sections Permitted	Non-Impact	FL 11734.12	N/A	TPA - FL11734
410162	18'-2"	30'-1"	37	37	195	160			FL 11734.11		
410161	20'-2"	30'-1"	31	31	180	150			FL 11734.10		
410160	22'-2"	30'-1"	26	26	165	135			FL 11734.9		
410159	24'-2"	30'-1"	22	22	155	125			FL 11734.8		
410158	28'-2"	30'-1"	18	18	140	115			FL 11734.7		

[408717 Hardware Draw](#)

Series 421/423 "Sectional Steel"

Heavy Duty, 2" thk, 20 ga, Ribbed, Pan/Insulated

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 FL 37792 , FL 29619	Miami-Dade Approval	TDI Approval
411776	9'-4"	24'-1"	11.40	12.70	115	90	Yes, Multiple	Non-Impact	FL 37792.21	N/A	TPA - FL37792
411777	9'-4"	24'-1"	15.90	18.20	140	110		Non-Impact	FL 37792.22		
411778	9'-4"	24'-1"	17.00	19.40	140	115		Non-Impact	FL 37792.23		
411779	9'-4"	24'-1"	20.90	23.60	160	125		Non-Impact	FL 37792.24		
411780	9'-4"	24'-1"	28.40	32.20	185	150	*Yes, 1x	Impact	FL 37792.25		
411781	9'-4"	24'-1"	37.50	42.50	215	170		Impact	FL 37792.26		
411782	9'-4"	24'-1"	44.00	49.80	230	185		Impact	FL 37792.27		
411783	10'-4"	24'-1"	11.70	13.30	120	95		Non-Impact	FL 37792.28		
411784	10'-4"	24'-1"	15.90	18.20	140	110	Yes, Multiple	Non-Impact	FL 37792.29		
411785	10'-4"	24'-1"	17.00	19.40	145	115		Non-Impact	FL 37792.30		
411786	10'-4"	24'-1"	20.90	23.60	160	125		Non-Impact	FL 37792.31		
411787	10'-4"	24'-1"	37.50	42.50	215	170		Impact	FL 37792.32		
411788	10'-4"	24'-1"	44.00	49.80	230	185	*Yes, 1x	Impact	FL 37792.33		
411499	10'-2"	24'-1"	50.00	56.00	245	195		Impact	FL 29619.1	NOA 23-1013.04	TPA - FL29619
411789	12'-2"	24'-1"	11.40	12.70	115	95		Non-Impact	FL 37792.7	N/A	TPA - FL37792
411790	12'-2"	24'-1"	20.90	23.60	160	130	Yes, Multiple	Non-Impact	FL 37792.8		
411791	12'-2"	24'-1"	23.70	26.90	170	140		Non-Impact	FL 37792.9		
411792	12'-2"	24'-1"	31.60	35.40	195	160		Impact	FL 37792.10		
411793	12'-2"	24'-1"	44.00	49.80	235	190	*Yes, 1x	Impact	FL 37792.11		
411794	14'-2"	24'-1"	11.40	12.70	120	95		Non-Impact	FL 37792.12		
411795	14'-2"	24'-1"	15.90	18.20	140	115		Non-Impact	FL 37792.13		
411796	14'-2"	24'-1"	20.20	22.70	160	130		Impact	FL 37792.14	NOA 23-1013.05	TPA - FL29619
411500	14'-2"	24'-1"	50.00	56.00	250	205	Yes, Multiple	Impact	FL 29619.2	N/A	TPA - FL37792
411797	16'-2"	24'-1"	11.40	12.70	120	95		Non-Impact	FL 37792.15		
411798	16'-2"	24'-1"	20.20	22.70	160	130		Non-Impact	FL 37792.16		
411800	16'-2"	24'-1"	31.60	35.40	200	160		Impact	FL 37792.17		
411801	16'-2"	24'-1"	44.00	49.80	235	195	*Yes, 1x	Impact	FL 37792.18		
411802	24'-2"	24'-1"	20.20	22.70	160	135		Non-Impact	FL 37792.19		
411803	24'-2"	24'-1"	31.60	35.40	205	165		Impact	FL 37792.20		

* = Multiple non-impact glazed sections available only in intermediate sections, not available in top or bottom sections.

OHD Wind Load Drawings Chart

Revision Date: March 9th, 2026

Series 434/436 "Sectional Steel"											
Medium Duty, 2" thk, Nominal 24 ga, Ribbed, Smooth, Stucco, Embossed, Pan/Insulated											
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 FL 37792 , FL 29619	Miami-Dade Approval	TDI Approval
411776	9'-4"	24'-1"	11.40	12.70	115	90	Yes, Multiple	Non-Impact	FL 37792.21	N/A	TPA - FL37792
411777	9'-4"	24'-1"	15.90	18.20	140	110		Non-Impact	FL 37792.22		
411778	9'-4"	24'-1"	17.00	19.40	140	115		Non-Impact	FL 37792.23		
411779	9'-4"	24'-1"	20.90	23.60	160	125		Non-Impact	FL 37792.24		
411780	9'-4"	24'-1"	28.40	32.20	185	150	*Yes, 1x	Impact	FL 37792.25		
411781	9'-4"	24'-1"	37.50	42.50	215	170		Impact	FL 37792.26		
411782	9'-4"	24'-1"	44.00	49.80	230	185		Impact	FL 37792.27		
411783	10'-4"	24'-1"	11.70	13.30	120	95		Non-Impact	FL 37792.28		
411784	10'-4"	24'-1"	15.90	18.20	140	110	Yes, Multiple	Non-Impact	FL 37792.29		
411785	10'-4"	24'-1"	17.00	19.40	145	115		Non-Impact	FL 37792.30		
411786	10'-4"	24'-1"	20.90	23.60	160	125		Non-Impact	FL 37792.31		
411787	10'-4"	24'-1"	37.50	42.50	215	170		Non-Impact	FL 37792.32		
411788	10'-4"	24'-1"	44.00	49.80	230	185	*Yes, 1x	Impact	FL 37792.33		
411499	10'-2"	24'-1"	50.00	56.00	245	195		Impact	FL 29619.1	NOA 23-1013.04	TPA - FL29619
411789	12'-2"	24'-1"	11.40	12.70	115	95	Yes, Multiple	Non-Impact	FL 37792.7	N/A	TPA - FL37792
411790	12'-2"	24'-1"	20.90	23.60	160	130		Non-Impact	FL 37792.8		
411791	12'-2"	24'-1"	23.70	26.90	170	140		Non-Impact	FL 37792.9		
411792	12'-2"	24'-1"	31.60	35.40	195	160	*Yes, 1x	Impact	FL 37792.10		
411793	12'-2"	24'-1"	44.00	49.80	235	190		Impact	FL 37792.11		
411794	14'-2"	24'-1"	11.40	12.70	120	95	Yes, Multiple	Non-Impact	FL 37792.12		
411795	14'-2"	24'-1"	15.90	18.20	140	115		Non-Impact	FL 37792.13		
411796	14'-2"	24'-1"	20.20	22.70	160	130	*Yes, 1x	Impact	FL 37792.14		
411500	14'-2"	24'-1"	50.00	56.00	250	205		Impact	FL 29619.2	NOA 23-1013.05	TPA - FL29619
411797	16'-2"	24'-1"	11.40	12.70	120	95	Yes, Multiple	Non-Impact	FL 37792.15	N/A	TPA - FL37792
411798	16'-2"	24'-1"	20.20	22.70	160	130		Non-Impact	FL 37792.16		
411800	16'-2"	24'-1"	31.60	35.40	200	160		Non-Impact	FL 37792.17		
411801	16'-2"	24'-1"	44.00	49.80	235	195	*Yes, 1x	Impact	FL 37792.18		
411802	24'-2"	24'-1"	20.20	22.70	160	135		Impact	FL 37792.19		
411803	24'-2"	24'-1"	31.60	35.40	205	165	*Yes 1x	Impact	FL 37792.20		

* = Multiple non-impact glazed sections available only in intermediate sections, not available in top or bottom sections.

OHD Wind Load Drawings Chart

Revision Date: March 9th, 2026

Aluminum Full View											
Sectional, 1-3/4" thk, 2.71" Center Stile											
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 FL 17629	Miami-Dade Approval	TDI Approval
410227	10'-2"	30'1"	50	50	220	180	Glazing not approved for impact-resistance	Non- Impact	FL 17629.8	N/A	TPA - FL17629
410226	14'-2"	30'1"	37	37	195	160			FL 17629.7		
410225	16'-2"	30'1"	31	31	180	145			FL 17629.6		
410224	18'-2"	30'1"	26	26	165	135			FL 17629.5		
410223	20'-2"	30'1"	22	22	150	125			FL 17629.4		
410222	22'-2"	30'1"	18	18	135	115			FL 17629.3		
411368	16'-2"	30'1"	48	54	235	195	All, Impact	Impact-Rated	FL 17629.1		
411487	18'-2"	30'1"	43	48	225	185			FL 17629.2		

[408717 Hardware Drawing](#)

Thermacore®											
Series 591/592/593/594/596/599											
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 FL 32170	Miami-Dade Approval	TDI Approval
411702	9'2"	24'	12.8	14.8	120	95	Yes, 1x	Non-Impact	FL 32170.14	N/A	TPA - FL32170
411703	9'2"	24'	19.1	20.6	140	115	Yes, 1x	Non-Impact	FL 32170.15		
411704	9'2"	24'	22.9	26.3	160	130	Yes, 1x	Non-Impact	FL 32170.16		
411705	9'2"	24'	26.9	30.8	170	140	1x, Impact	Impact	FL 32170.17		
411706	9'2"	24'	35.7	41.0	200	160	1x, Impact	Impact	FL 32170.18		
411707	9'2"	24'	41.0	46.3	215	175	1x, Impact	Impact	FL 32170.19		
411708	9'2"	24'	46.0	52.0	225	185	1x, Impact	Impact	FL 32170.20		
411709	9'2"	24'	64.0	72.0	265	215	1x, Impact	Impact	FL 32170.21		
411710	12'2"	24'	16.5	18.4	135	110	Yes, 1x	Non-Impact	FL 32170.22		
411711	12'2"	24'	19.3	21.6	145	120	Yes, 1x	Non-Impact	FL 32170.23		
411712	12'2"	24'	22.4	25.1	160	130	1x, Impact	Impact	FL 32170.24		
411713	12'2"	24'	25.7	28.8	170	140	1x, Impact	Impact	FL 32170.25		
411714	12'2"	24'	33.1	37.0	195	155	1x, Impact	Impact	FL 32170.26		
411715	16'2"	24'	12.4	13.8	120	95	Yes, 1x	Non-Impact	FL 32170.27		
411716	16'2"	24'	23.0	25.0	160	130	Yes, 1x	Non-Impact	FL 32170.28		
411717	16'2"	24'	30.0	33.5	185	155	1x, Impact	Impact	FL 32170.29		
411718	16'2"	24'	34.4	38.3	200	165	1x, Impact	Impact	FL 32170.30		
411719	18'2"	24'	12.4	13.8	120	100	Yes, 1x	Non-Impact	FL 32170.31		
411720	18'2"	24'	23.0	25.0	160	130	1x, Impact	Impact	FL 32170.32		
411721	18'2"	24'	30.0	33.5	185	155	1x, Impact	Impact	FL 32170.33		
411722	22'2"	24'	15.4	16.7	130	110	Yes, 1x	Non-Impact	FL 32170.34		
411723	22'2"	24'	20.1	22.5	155	125	No	Non-Impact	FL 32170.35		

[Jamb Supplemental](#)

[Commercial Track Detail](#)

[Commercial Hardware](#)

OHD Wind Load Drawings Chart

Revision Date: March 9th, 2026

Thermacore® Multi-Section Glazing											
Series 591/592/593/594/596/599											
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 FL 32170	Miami-Dade Approval	TDI
411820	9'2"	24'-0"	12.8	14.8	120	95	Yes	Non-Impact	FL 32170.36	N/A	TPA - FL32170
411821	9'2"	24'-0"	18.4	20.8	140	115	Yes	Non-Impact	FL 32170.37		
411822	9'2"	24'-0"	25.0	28.2	165	135	Yes	Impact	FL 32170.38		
411823	9'2"	24'-0"	32.6	36.9	190	155	Yes	Impact	FL 32170.39		
411824	9'2"	24'-0"	36.8	41.6	200	165	Yes	Impact	FL 32170.40		
411825	9'2"	24'-0"	41.3	46.7	215	175	Yes	Impact	FL 32170.41		
411827	16'2"	24'-0"	12.4	14.8	120	100	Yes	Non-Impact	FL 32170.42		
411828	16'2"	24'-0"	18.4	30.8	145	120	Yes	Non-Impact	FL 32170.43		
411829	16'2"	24'-0"	25.0	28.2	170	140	Yes	Impact	FL 32170.44		
411830	16'2"	24'-0"	32.6	36.9	195	160	Yes	Impact	FL 32170.45		
411831	16'2"	24'-0"	36.8	41.6	205	170	Yes	Impact	FL 32170.46		
411832	16'2"	24'-0"	41.3	46.7	220	180	Yes	Impact	FL 32170.47		
411834	18'2"	24'-0"	12.8	14.8	120	100	Yes	Non-Impact	FL 32170.48		
411835	18'2"	24'-0"	18.4	20.8	145	120	Yes	Non-Impact	FL 32170.49		
411836	18'2"	24'-0"	25.0	28.2	170	140	Yes	Impact	FL 32170.50		
411837	18'2"	24'-0"	32.6	36.9	195	160	Yes	Impact	FL 32170.51		
411838	18'2"	24'-0"	36.8	41.6	205	170	Yes	Impact	FL 32170.52		
411839	18'2"	24'-0"	41.3	46.7	220	180	Yes	Impact	FL 32170.53		

[Jamb Supplemental](#)

[Commercial Track Detail](#)

[Commercial Hardware](#)

Thermacore®											
Series 515/525											
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 FL 16798	Miami-Dade Approval	TDI
411313	9'2"	24'-0"	12.8	14.8	120	95	Yes	Non-Impact	FL 16798.1	N/A	TPA - FL16798
411314	9'2"	24'-0"	19.1	20.6	140	115	Yes	Non-Impact	FL 16798.2		
411315	9'2"	24'-0"	22.9	26.3	160	130	Yes	Non-Impact	FL 16798.3		
411316	9'2"	24'-0"	26.9	30.8	170	140	Yes	Impact	FL 16798.4		
411317	9'2"	24'-0"	35.7	41.0	200	160	Yes	Impact	FL 16798.5		
411318	9'2"	24'-0"	41.0	46.3	215	175	Yes	Impact	FL 16798.6		
411319	9'2"	24'-0"	46.0	52.0	225	185	Yes	Impact	FL 16798.7		
411342	9'2"	24'	46.0	52.0	225	185	Yes	Impact	N/A	25-0924.05	N/A
411320	9'2"	24'	64.0	72.0	265	215	Yes	Impact	FL 16798.8	N/A	TPA - FL16798
411343	9'2"	24'	64.0	72.0	265	215	Yes	Impact	N/A	25-0924.06	N/A
411620	12'2"	24'-0"	16.5	18.4	135	110	Yes	Non-Impact	FL 16798.20	N/A	TPA - FL16798
411621	12'2"	24'-0"	19.3	21.6	145	120	Yes	Non-Impact	FL 16798.21		
411622	12'2"	24'-0"	22.4	25.1	160	130	Yes	Impact	FL 16798.22		
411623	12'2"	24'-0"	25.7	28.8	170	140	Yes	Impact	FL 16798.23		
411624	12'2"	24'-0"	33.1	37.0	195	155	Yes	Impact	FL 16798.24		
411529	12'2"	24'-0"	46.0	52.0	230	185	Yes	Impact	FL 16798.25	24-0814.06	
411321	16'2"	24'-0"	12.4	13.8	120	95	Yes	Non-Impact	FL 16798.9	N/A	TPA - FL16798
411322	16'2"	24'-0"	23.0	25.0	160	130	Yes	Non-Impact	FL 16798.10		
411323	16'2"	24'-0"	30.0	33.5	185	155	Yes	Impact	FL 16798.11		
411324	16'2"	24'-0"	34.4	38.3	200	165	Yes	Impact	FL 16798.12		
411325	16'2"	24'-0"	46.0	52.0	230	190	Yes	Impact	FL 16798.13	24-0814.07	TPA - FL16798
411530	16'2"	24'-0"	46.0	52.0	230	190	Yes	Impact	FL 16798.26		
411326	18'2"	24'-0"	12.4	13.8	120	100	Yes	Non-Impact	FL 16798.14	N/A	TPA - FL16798
411327	18'2"	24'-0"	23.0	25.0	160	130	Yes	Impact	FL 16798.15		
411328	18'2"	24'-0"	30.0	33.5	185	155	No	Impact	FL 16798.16		
411686	18'2"	24'-0"	30.0	33.5	185	155	Yes	Impact	FL 16798.28		
411329	18'2"	24'-0"	46.0	52.0	230	190	Yes	Impact	FL 16798.17	24-0814.08	TPA - FL16798
411531	18'2"	24'-0"	46.0	52.0	230	190	Yes	Impact	FL 16798.27		
411331	22'2"	24'-0"	15.4	16.8	135	110	Yes	Non-Impact	FL 16798.18		
411332	22'2"	24'-0"	20.1	22.5	155	125	No	Non-Impact	FL 16798.19	N/A	

[Jamb Detail](#)

[Commercial Track Detail](#)

Model 525 - Impact Glazing is **NOT** Available.

OHD Wind Load Drawings Chart

Revision Date: March 9th, 2026

Commercial Model 470											
(Residential Traditional Steel Models 391/399 windload approvals)-2" Polystyrene insulated, steel back door											
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 FL 11494	Miami-Dade Approval	TDI
410723	9'	16'-0"	26.7	30.2	170	140	Yes	Non-Impact	FL 11494.6	N/A	
410726	10'	16'-0"	22.8	25.8	160	130	Yes	Non-Impact	FL 11494.2		TPA - FL11494
410725	10'	16'-0"	26.9	30.4	170	140	Yes	Non-Impact	FL 11494.1		
410724	12'	16'-0"	23.4	26.5	160	135	Yes	Non-Impact	N/A		N/A
410728	12'	16'-0"	24.7	27.9	165	135	Yes	Non-Impact	FL 11494.3		TPA - FL11494
410729	16'	16'-0"	18.4	20.5	145	120	Yes	Non-Impact	FL 11494.4		
410730	16'	16'-0"	21.8	24.4	160	130	Yes	Non-Impact	N/A		N/A
410732	16'	16'-0"	25.6	24.4	160	130	Yes	Non-Impact			
410735	18'	16'-0"	21.8	28.5	160	130	Yes	Non-Impact	FL 11494.5		TPA - FL11494

Window Note: Raised Panel and Ranch Window available.

[Jamb Detail](#)

[Track Supplement](#)

1. Refer to the price book/OHDDirect 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.

Residential Sectional

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	Non- Impact 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	Non-Impact 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	Non-Impact	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	Non-Impact	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

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.

Commercial Sectional

Series 591 "Thermacore"® (Non-Florida Approved)										
Heavy Duty, 1-5/8" thick, Ribbed, R-value 14.86										
Drawing #	Max Door Width ¹	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
411175	12'-2"	37.1	42	205	170	One Glazing Section Permitted	Non-Impact	N/A	N/A	N/A
411174	14'-2"	32.6	36.9	195	160					
411173	18'-2"	28.4	32.2	180	150					
411172	18'-2"	24.5	27.7	170	140					
411171	20'-2"	20.9	23.6	155	130					
411170	26'-2"	17.5	19.9	145	120					
411169	30'-2"	14.5	16.5	130	110					
411168	30'-2"	11.7	13.3	120	100					

[408717 Hardware Drawing](#)

Series 592/596/599 (2" Ribbed/Flush), 593 (1-3/8" Ribbed), 594 (1-3/8" Raised Pannel) "Thermacore"® (Non-Florida Approved)										
Drawing #	Max Door Width ¹	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
411167	12'-2"	37.1	42	205	170	One Glazing Section Permitted	Non-Impact	N/A	N/A	N/A
411166	14'-2"	32.6	36.9	195	160					
411165	18'-2"	28.4	32.2	180	150					
411164	18'-2"	24.5	27.7	170	140					
411163	20'-2"	20.9	23.6	155	130					
411162	24'-2"	17.5	19.9	145	120					
411161	26'-2"	14.5	16.4	130	110					
411160	28'-2"	11.7	13.3	120	100					

[408717 Hardware Drawing](#)

Series 594 /596/599 "Thermacore"® Impact-Rated (Non-Florida Approved)										
Drawing #	Max Door Width ¹	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
410832	10'0"	28.8	32.5	180	145	Impact-Glazing Permitted	Impact	N/A	N/A	N/A
410831	10'0"	37	37	190	155					
410861	16'0"	25.6	28.5	170	140					
411150	16'0"	31.8	35.5	190	155					
411151	16'0"	35.7	40	205	165					
411152	18'0"	28.2	32.2	180	150					
411153	18'0"	31.1	38.3	190	160					

Series 598 "Thermacore"® (Non-Florida Approved)										
Light Duty, 1" thick, Ribbed, R-value 9.31										
Drawing #	Max Door Width ¹	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"	37.1	42	205	165	One Sash/Glazed Section Permitted	Non-Impact	N/A	N/A	N/A
411182	10'-2"	32.6	36.9	190	155					
411181	12'-2"	28.4	32.2	180	145					
411180	14'-2"	24.5	27.7	165	135					
411179	18'-2"	20.9	23.6	155	130					
411178	20'-2"	17.9	19.9	145	120					
411177	20'-2"	14.5	16.4	130	105					
411176	20'-2"	11.7	13.3	115	95					

[408717 Hardware Drawing](#)

Thermacore® (Non-Florida Approved) AP 850										
Drawing #	Max Door Width ¹	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
411391	8'-2"	25.7	29.52	165	135	YES	Non-Impact	N/A	N/A	N/A
411391	9'-2"	22.9	26.3	160	130	YES	Non-Impact			
411391	10'-2"	18.62	21.38	145	120	YES	Non-Impact			
411391	12'-2"	17.5	17.5	130	105	YES	Non-Impact			
411391	14'-2"	16.54	16.54	130	105	YES	Non-Impact			
411391	16'-2"	14.47	14.47	120	100	YES	Non-Impact			
411392	8'-2"	32.5	32.5	175	145	YES	Non-Impact			
411392	9'-2"	28.9	28.9	170	135	YES	Non-Impact			
411392	10'-2"	26	26	160	130	YES	Non-Impact			
411392	12'-2"	19.29	19.29	140	115	YES	Non-Impact			
411393	10'-2"	38.27	38.27	195	160	YES	Non-Impact			
411393	12'-2"	24.1	24.1	155	125	YES	Non-Impact			
411393	14'-2"	27.47	27.47	165	135	YES	Non-Impact			
411393	16'-2"	24.07	24.07	155	130	YES	Non-Impact			
411393	18'-2"	19.06	19.06	140	115	YES	Non-Impact			
411393	20'-2"	15.47	15.47	125	105	YES	Non-Impact			
411393	22'-2"	12.8	12.8	115	95	YES	Non-Impact			
411395	14'-2"	39.56	39.56	200	165	YES	Non-Impact			
411395	16'-2"	34.67	34.67	190	155	YES	Non-Impact			
411395	18'-2"	27.46	27.46	170	140	YES	Non-Impact			
411395	20'-2"	22.28	22.28	265	220	YES	Non-Impact			
411395	22'-2"	18.44	18.44	140	115	YES	Non-Impact			
411395	24'-2"	15.51	15.51	130	105	YES	Non-Impact			
411395	26'-2"	13.23	13.23	120	100	YES	Non-Impact			
411396	14'-2"	50.6	50.6	230	185	YES	Non-Impact			
411396	16'-2"	44.34	44.34	215	175	YES	Non-Impact			
411396	18'-2"	19.46	39.46	150	125	YES	Non-Impact			
411396	20'-2"	32.02	32.02	185	150	YES	Non-Impact			
411397	20'-2"	38.95	38.95	205	165	YES	Non-Impact			
411398	18'-2"	32.46	32.46	185	150	YES	Non-Impact			
411398	20'-2"	26.78	26.78	170	140	YES	Non-Impact			
411398	22'-2"	22.17	22.17	155	125	YES	Non-Impact			
411398	24'-2"	18.65	18.65	140	115	YES	Non-Impact			
411398	26'-2"	15.91	15.91	130	105	YES	Non-Impact			
411398	28'-2"	13.73	13.73	120	100	YES	Non-Impact			
411399	22'-2"	26.50	26.5	165	140	YES	Non-Impact			
411399	24'-2"	22.3	22.3	155	125	YES	Non-Impact			
411399	26'-2"	19.02	19.02	140	120	YES	Non-Impact			
411399	28'-2"	16.42	16.42	135	110	YES	Non-Impact			
411399	30'-2"	14.31	14.31	125	100	YES	Non-Impact			
411400	22'-2"	38.95	38.95	205	170	YES	Non-Impact			
411400	24'-2"	32.5	32.5	185	155	YES	Non-Impact			
411400	26'-2"	27.72	27.72	170	140	YES	Non-Impact			
411400	28'-2"	23.92	23.92	160	135	YES	Non-Impact			
411400	30'-2"	20.86	20.86	150	125	YES	Non-Impact			

¹HDirect for the complete listing of available pressures and sizes
²as are for 7' tall door, see drawing for 8' tall pressures

- 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.
- 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.