

**NAFS Ratings**  
(AAMA/WDMA/CSA 101/I.S.2/A440-11),(NAFS 2011) CSA A440S1-09 CSA A440S1-17  
AAMA/WDMA/CSA 101/I.S.2/A440-17 (NAFS 2017) CSA A440S1:19

MATERIAL	CODE	MODEL	FRAME WIDTH		FRAME HEIGHT		PERFORMANCE GRADE	CLASS	DESIGN PRESSURE		AIR		WATER	
			IN	mm	IN	mm			(PSF)	Pa	CDN LEVEL	CFM/FT²	Pa	PSF
Wood	AW	Awning	48	1218	18	456	90	R	+90/-90	+4320/-4320	A3	< 0.1	720	15
Wood	AW	Awning	86	2175	32	800	30	CW	+30/-30	+1440/-1440	A3	< 0.1	720	15
Wood	CS	Casement, Operating	28	700	63	1600	70	R	+70/-70	+3360/-3360	A3	< 0.1	720	15
Wood	CS	Casement, Operating	32	800	82	2083	55	CW	+55/-55	+2640/-2640	A3	< 0.1	720	15
Wood	CS	Casement, Fixed	62	1565	62	1565	60	CW	+60/-60	+2880/-2880	FIXED	< 0.04	720	15
Wood	DH	Single Hung/Double Hung (DH500)	40	1017	63	1600	35	R	+35/-35	+1680/-1680	A3	< 0.1	440	9
Wood	DH	Single Hung/Double Hung (DH500 c/w 2 Sill Bumpers)	40	1017	63	1600	60	R	+65/-65	+3120/-3120	A3	< 0.1	440	9
Wood	DH	Single Hung/Double Hung (SH500)	56	1423	91	2313	45	CW	+45/-45	+2160/-2160	A3	< 0.1	720	15
Wood	DH	Single Hung/Double Hung (DH500 Historical)	56	1425	91	2310	50	LC	+50/-50	+2400/-2400	A3	< 0.1	360	7.5
Wood	DH	Single Hung/Double Hung (DH500 Historical)	56	1425	91	2310	35	CW	+35/-35	+1680/-1680	A3	< 0.1	360	7.5
Wood	PW	Picture Window (Direct Set)	48	1220	48	1220	85	R	+85/-85	+4080/-4080	FIXED	< 0.04	720	15
Wood	FOCS	French Outswing Casement Window	72	1829	72	1829	40	CW	+40/-40	+1920/-1920	A3	< 0.1	720	15
Wood	FD	French Dbl Outswing Door	74	1884	83	2100	25	R	+45/-45	+2160/-2160	A3	< 0.1	180	4
Wood	FD	French Dbl Inswing Door	74	1884	83	2100	20	R	+20/-20	+960/-960	A3	< 0.1	150	3
Wood	FD	French Dbl Inswing Door (w/ storm panels)	74	1884	83	2100	20	R	+20/-20	+960/-960	A3	< 0.1	720	15
Wood	FD	French Single Inswing Door	39	999	83	2100	45	R	+45/-45	+2160/-2160	A3	< 0.1	LIMITED WATER	
Wood	FD	French Single Inswing Door(w/ storm panel)	39	999	83	2100	45	R	+45/-45	+2160/-2160	A3	< 0.1	330	7
Wood	TR	Transom	71	1800	16	400	45	LC	+85/-85	+4080/-4080	A3	< 0.1	330	7
Wood	PD	Patio Door	59	1502	79	2000	30	R	+70/-70	+3360/-3360	A3	< 0.1	220	5
Wood	DH	Single Hung/Double Hung (DH500 Variation 6)	56	1425	91	2310	30	CW	+30/-30	+1440/-1440	A3	< 0.1	400	8.4
Clad	AW	Awning	48	1218	18	456	90	R	+90/-90	+4320/-4320	A3	< 0.1	720	15
Clad	CS	Casement, Operating	28	713	63	1600	55	R	+55/-55	+2640/-2640	A3	< 0.1	720	15
Clad	CS	Casement, Operating	36	913	72	1831	40	CW	+40/-40	+1920/-1920	A3	< 0.1	720	15
Clad	CS	Casement, Operating	32	812	80	2036	45	CW	+45/-45	+2160/-2160	A3	< 0.1	720	15
Clad	CS	Casement, Fixed	72	1822	72	1827	35	CW	+35/-35	+1680/-1680	A3	< 0.1	720	15
Clad	CS	Casement, Fixed	47	1200	47	1200	30	R	+30/-30	+1440/-1440	A3	< 0.04	730	15
Clad	CS	Casement, Fixed	28	710	63	1605	50	R	+50/-50	+2400/-2400	A3	< 0.04	730	15
Clad	TR	Transom	79	2010	32	802	35	CW	+35/-35	+1680/-1680	A3	< 0.1	720	15
Clad	DH	Single Hung/Double Hung	40	1016	63	1600	50	R	+50/-50	+2400/-2400	A3	< 0.1	440	9
Clad	PW	Picture Window (Direct Set)	48	1220	48	1220	100	R	+100/-100	+4800/-4800	FIXED	< 0.04	730	15
Clad	FD	French Dbl Inswing Door	74	1884	82.5	2100	35	R	+35/-35	+1680/-1680	A3	< 0.1	LIMITED WATER	
Clad	DH	Single Hung/Double Hung (Birch/Mahogany)	56	1425	91	2314	30	CW	+30/-30	+1440/-1440	A2	< 1.5	330	7
Clad	DH	Single Hung/Double Hung (Mahogany)	56	1425	91	2314	40	LC	+30/-30	+1440/-1440	A2	< 1.5	330	7
Clad	FOCS	French Outswing Casement Window	63	1600	72	1830	45	LC	+45/-45	+2160/-2160	A3	< 0.1	650	13.5
Clad	FOCS	French Outswing Casement Window	63	1600	62	1575	40	CW	+40/-40	+1920/-1920	A3	< 0.1	650	13.5
Clad	PW	Picture Window (Direct Set)	72	1828	72	1828	75	CW	+75/-75	+3600/-3600	FIXED	< 0.04	720	15
Clad	FD	French Dbl Inswing Door	74	1884	82.5	2100	35	R	+35/-35	+1680/-1680	A3	< 0.1	LIMITED WATER	