

7700 SERIES STRUCTURAL PERFORMANCE CHART

Style	Design Pressure	Maximum Size		Glass Strength	Reinforcement	Air	Water	Certification	
Vinyl Double Hung Window	DP55	32.000	X 58.000	DS-DS	NO	0.28 cfm/ft2	8.25 psf	NI012120	
	DP50	38.000	X 76.000	DS-DS	E6	0.23 cfm/ft2	7.50 psf	NI012121	
	DP45	52.000	X 40.000	DS-DS	NO	0.27 cfm/ft2	6.75 psf	NI012120.22	
		48.000	X 42.000	DS-DS	NO	0.27 cfm/ft2	6.75 psf	NI012120.21	
		44.000	X 46.000	DS-DS	NO	0.27 cfm/ft2	6.75 psf	NI012120.20	
		40.000	X 52.000	DS-DS	NO	0.27 cfm/ft2	6.75 psf	NI012120.19	
		36.000	X 56.000	DS-DS	NO	0.27 cfm/ft2	6.75 psf	NI012120.18	
		32.000	X 64.000	DS-DS	NO	0.27 cfm/ft2	6.75 psf	NI012120.17	
	DP40	52.000	X 44.000	DS-DS	NO	0.27 cfm/ft2	6.75 psf	NI012120.16	
		48.000	X 48.000	DS-DS	NO	0.27 cfm/ft2	6.75 psf	NI012120.15	
		44.000	X 52.000	DS-DS	NO	0.27 cfm/ft2	6.75 psf	NI012120.14	
		40.000	X 58.000	DS-DS	NO	0.27 cfm/ft2	6.75 psf	NI012120.13	
		36.000	X 64.000	DS-DS	NO	0.27 cfm/ft2	6.75 psf	NI012120.12	
		32.000	X 70.000	DS-DS	NO	0.27 cfm/ft2	6.75 psf	NI012120.11	
	DP35	52.000	X 50.000	DS-DS	NO	0.27 cfm/ft2	6.75 psf	NI012120.10	
		48.000	X 54.000	DS-DS	NO	0.27 cfm/ft2	6.75 psf	NI012120.09	
		44.000	X 60.000	DS-DS	NO	0.27 cfm/ft2	6.75 psf	NI012120.08	
		40.000	X 66.000	DS-DS	NO	0.27 cfm/ft2	6.75 psf	NI012120.07	
		36.000	X 72.000	DS-DS	NO	0.27 cfm/ft2	6.75 psf	NI012120.06	
		56.000	X 60.000	DS-DS	E6	0.26 cfm/ft2	5.25 psf	NI012121.10	
		52.000	X 64.000	DS-DS	E6	0.26 cfm/ft2	5.25 psf	NI012121.09	
		48.000	X 70.000	DS-DS	E6	0.26 cfm/ft2	5.25 psf	NI012121.08	
		44.000	X 76.000	DS-DS	E6	0.26 cfm/ft2	5.25 psf	NI012121.07	
	DP30	40.000	X 84.000	DS-DS	E6	0.26 cfm/ft2	5.25 psf	NI012121.06	
		52.000	X 60.000	DS-DS	NO	0.27 cfm/ft2	6.75 psf	NI012120.05	
		48.000	X 64.000	DS-DS	NO	0.27 cfm/ft2	6.75 psf	NI012120.04	
		44.000	X 70.000	DS-DS	NO	0.27 cfm/ft2	6.75 psf	NI012120.03	
		40.000	X 72.000	DS-DS	NO	0.27 cfm/ft2	6.75 psf	NI012120.02	
		56.000	X 70.000	DS-DS	E6	0.26 cfm/ft2	5.25 psf	NI012121.05	
		52.000	X 74.000	DS-DS	E6	0.26 cfm/ft2	5.25 psf	NI012121.04	
		48.000	X 80.000	DS-DS	E6	0.26 cfm/ft2	5.25 psf	NI012121.03	
	DP25	44.000	X 84.000	DS-DS	E6	0.26 cfm/ft2	5.25 psf	NI012121.02	
		52.000	X 72.000	DS-DS	NO	0.27 cfm/ft2	6.75 psf	NI012120.01	
	DP20	56.000	X 84.000	DS-DS	E6	0.26 cfm/ft2	5.25 psf	NI012121.01	
		56.000	X 84.000	DS-DS	E2	0.15 cfm/ft2	3.76 psf	NI010865.04	
	Vinyl Double Hung Mulled Window (DH/DH)	DP50	80.000	X 63.000	DS-DS	E2	0.22 cfm/ft2	7.52 psf	NI012050
	Vinyl Double Hung Mulled Window (PC/DH)	DP40	48.000	X 111.000	DS-DS	E2	0.11 cfm/ft2	6.06 psf	NI012049

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Vinyl Double Hung Mulled Window (HR/DH)	DP40	48.000	X 111.000	DS-DS	E2	0.11 cfm/ft2	6.06 psf	NI012049	
Vinyl Double Hung Mulled Window (EL/DH)	DP40	48.000	X 111.000	DS-DS	E2	0.11 cfm/ft2	6.06 psf	NI012049	
Vinyl Double Hung Mulled Window (EB/DH)	DP40	48.000	X 111.000	DS-DS	E2	0.11 cfm/ft2	6.06 psf	NI012049	
Vinyl Horizontal Sliding Window (XX)	DP50	63.000	X 44.000	DS-DS	NO	0.11 cfm/ft2	8.36 psf	NI010902.11	
	DP45	72.000	X 48.000	DS-DS	E2	0.06 cfm/ft2	7.52 psf	NI010902.10	
	DP35	84.000	X 54.000	DS-DS	E2	0.06 cfm/ft2	7.52 psf	NI010902.09	
	DP30	74.000	X 63.000	DS-DS	E2	0.06 cfm/ft2	7.52 psf	NI010902.08	
	DP15	96.000	X 72.000	DS-DS	E2	0.06 cfm/ft2	7.52 psf	NI010902.07	
Vinyl Horizontal Sliding Window (XOX-424)	DP45	96.000	X 48.000	DS-DS	E2	0.09 cfm/ft2	7.52 psf	NI011568.04	
	DP40	132.000	X 54.000	DS-DS	E2	0.07 cfm/ft2	6.90 psf	NI011568.02	
	DP35	144.000	X 48.000	DS-DS	E2	0.09 cfm/ft2	6.90 psf	NI011568.03	
	DP30	120.000	X 72.000	DS-DS	E2	<0.01 cfm/ft2	4.50 psf	NI012480	
		120.000	X 63.000	DS-DS	E2	0.07 cfm/ft2	7.52 psf	NI011568.01	
	DP25	96.000	X 72.000	DS-DS	E2	0.09 cfm/ft2	7.52 psf	NI011568	
Vinyl Horizontal Sliding Window (XOX-333)	DP45	74.000	X 48.000	DS-DS	E2	0.09 cfm/ft2	7.52 psf	NI011568.04	
	DP40	101.000	X 54.000	DS-DS	E2	0.07 cfm/ft2	6.90 psf	NI011568.02	
	DP35	110.000	X 48.000	DS-DS	E2	0.09 cfm/ft2	6.90 psf	NI011568.03	
	DP30	120.000	X 72.000	DS-DS	E2	0.03 cfm/ft2	4.50 psf	NI012480.01	
		92.000	X 63.000	DS-DS	E2	0.07 cfm/ft2	7.52 psf	NI011568.01	
	DP25	74.000	X 72.000	DS-DS	E2	0.09 cfm/ft2	7.52 psf	NI011568	
Vinyl Fixed Window (Picture)	DP50	60.000	X 48.000	DS-DS	NO	<0.01 cfm/ft2	10.66 psf	NI011310.10	
		53.000	X 53.000	DS-DS	NO	<0.01 cfm/ft2	10.66 psf	NI011310.11	
		84.000	X 63.000	3S-3S	NO	<0.01 cfm/ft2	10.66 psf	NI011310.12	
		76.000	X 72.000	3S-3S	NO	<0.01 cfm/ft2	9.82 psf	NI011310.14	
		84.000	X 44.000	DST-DST	NO	0.01 cfm/ft2	10.66 psf	NI011310.08	
		72.000	X 50.000	DST-DST	NO	0.01 cfm/ft2	10.66 psf		
		60.000	X 60.000	DST-DST	NO	0.01 cfm/ft2	10.66 psf		
	DP45	96.000	X 72.000	3ST-3ST	NO	0.01 cfm/ft2	10.66 psf	NI011310.01	
		84.000	X 66.000	3S-3S	NO	<0.01 cfm/ft2	10.66 psf		
	DP40	78.000	X 72.000	3S-3S	NO	<0.01 cfm/ft2	9.82 psf	NI011310.04	
		72.000	X 50.000	DS-DS	NO	<0.01 cfm/ft2	9.82 psf	NI011310.05	
	DP35	84.000	X 40.000	DS-DS	NO	<0.01 cfm/ft2	10.66 psf	NI011310.09	
		60.000	X 60.000	DS-DS	NO	<0.01 cfm/ft2	10.66 psf	NI011310.02	
	Vinyl Out-Swing Casement Window	DP50	36.0000	X 72.000	DS-DS	NO	0.03 cfm/ft2	7.52 psf	NI010911.12
			28.0000	X 80.000	DS-DS	NO	0.03 cfm/ft2	7.52 psf	
Vinyl Out-Swing Casement Mulled Window (CM/CM)	DP35	72.0000	X 72.000	DS-DS	NO	0.02 cfm/ft2	7.52 psf	NI011887	

7700 SERIES STRUCTURAL PERFORMANCE CHART

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Vinyl Awning Window	DP50	36.0000	X 36.000	DS-DS	NO	0.09 cfm/ft2	7.52 psf	NI011306.01
	DP35	60.0000	X 36.000	DS-DS	NO	0.09 cfm/ft2	7.52 psf	NI011306
Vinyl Fixed Window (Casement)	DP60	96.000	X 61.000	DST-DST	NO	0.01 cfm/ft2	9.20 psf	NI010912.02-R1
		81.000	X 72.000	DST-DST	NO	0.01 cfm/ft2	9.20 psf	NI010912.04-R1
	DP55	96.000	X 72.000	3ST-3ST	NO	0.01 cfm/ft2	9.20 psf	NI010912.06-R1
	DP50	63.000	X 63.000	3S-3S	NO	0.01 cfm/ft2	9.20 psf	NI010912-R1
	DP45	96.000	X 61.000	3S-3S	NO	0.01 cfm/ft2	9.20 psf	NI010912.03-R1
		81.000	X 72.000	3S-3S	NO	0.01 cfm/ft2	9.20 psf	NI010912.05-R1
	DP35	63.000	X 63.000	DS-DS	NO	0.01 cfm/ft2	9.20 psf	NI010912.01-R1
Vinyl Basement Window	DP25	48.000	X 32.000	3ST-3ST	NO	0.15 cfm/ft2	4.60 psf	NI010913
Vinyl Sliding Glass Door (XO)	DP60	70.875	X 81.875	DST-DST	E4	0.04 cfm/ft2	9.00 psf	NI010903.06-R2
	DP40	94.500	X 79.500	DST-DST	E4	0.08 cfm/ft2	6.75 psf	NI010903.07-R2
	DP35	96.000	X 96.000	DST-DST	E4	0.06 cfm/ft2	6.00 psf	NI012051.09
Vinyl Sliding Glass Door (XOO)	DP30	103.5625	X 96.000	DST-DST	E4	0.10 cfm/ft2	4.50 psf	NI012051.02
Vinyl Sliding Glass Door (OXO)	DP45	106.250	X 81.875	DST-DST	E4	0.02 cfm/ft2	8.25 psf	NI010903.08-R2
	DP40	106.250	X 96.000	DST-DST	E4	0.04 cfm/ft2	6.75 psf	NI012051
Vinyl Sliding Glass Door (OXXO)	DP35	139.4375	X 81.875	DST-DST	E4	0.06 cfm/ft2	9.00 psf	NI012051.11
	DP30	139.4375	X 96.000	DST-DST	E4	0.07 cfm/ft2	7.50 psf	NI012051.13
Vinyl Fixed Window (Transom)	DP75	106.250	X 50.000	DST-DST	NO	<0.01 cfm/ft2	15.00 psf	NI010914.09-R2
	DP50	70.875	X 59.000	3S-3S	NO	0.05 cfm/ft2	15.00 psf	NI010914.16-R1
Vinyl Fixed Window (Sidelite)	DP35	50.8750	X 96.000	DST-DST	NO	0.04 cfm/ft2	9.00 psf	NI012105

Additional Notes

- 1) All structural testing performed in accordance with Test Standard AAMA/WDMA/CSA 101/I.S.2/A440
- 2) All product performance testing was performed by an "Approved Agency", as required in Section 1703 of the International Building Code (IBC)
- 3) "Maximum Size" listed can not be exceed in order to maintain corresponding product performance and product certification
- 4) "Glass Strength" listed reflects the minimum glass strength to be utilized in order to maintain corresponding product performance and product certification
- 5) "Reinforcement" listed reflects the minimum reinforcement configuration to be utilized in order to maintain corresponding product performance and product certification
- 6) "Certification" listed is the product certification number assigned to Wincore by the National Accreditation and Management Institute (NAMI)
- 7) The National Accreditation & Management Institute (NAMI) is an "Approved Agency" for labelling, as required in Section 1703 of the International Building Code (IBC)