

5400 SERIES STRUCTURAL PERFORMANCE CHART

Style	Design Pressure	Maximum Size	Glass Strength	Reinforcement	Air	Water	Certification
Vinyl Single Hung Window	DP50	40.000 X 42.000	SS-SS	A1	0.12 cfm/ft2	7.50 psf	NI012119.20
		36.000 X 48.000	SS-SS	A1	0.12 cfm/ft2	7.50 psf	NI012119.21
		32.000 X 54.000	SS-SS	A1	0.08 cfm/ft2	7.50 psf	NI012119
		48.000 X 72.000	DS-DS	A4	0.11 cfm/ft2	7.50 psf	NI012118
	DP45	48.000 X 40.000	SS-SS	A1	0.12 cfm/ft2	7.50 psf	NI012119.19
		44.000 X 42.000	SS-SS	A1	0.12 cfm/ft2	7.50 psf	NI012119.18
		40.000 X 48.000	SS-SS	A1	0.12 cfm/ft2	7.50 psf	NI012119.17
		36.000 X 52.000	SS-SS	A1	0.12 cfm/ft2	7.50 psf	NI012119.16
		32.000 X 60.000	SS-SS	A1	0.12 cfm/ft2	7.50 psf	NI012119.15
	DP40	48.000 X 44.000	SS-SS	A1	0.12 cfm/ft2	7.50 psf	NI012119.14
		44.000 X 48.000	SS-SS	A1	0.12 cfm/ft2	7.50 psf	NI012119.13
		40.000 X 54.000	SS-SS	A1	0.12 cfm/ft2	7.50 psf	NI012119.12
		36.000 X 60.000	SS-SS	A1	0.12 cfm/ft2	7.50 psf	NI012119.11
		32.000 X 66.000	SS-SS	A1	0.12 cfm/ft2	7.50 psf	NI012119.10
	DP35	48.000 X 50.000	SS-SS	A1	0.12 cfm/ft2	7.50 psf	NI012119.09
		44.000 X 56.000	SS-SS	A1	0.12 cfm/ft2	7.50 psf	NI012119.08
		40.000 X 60.000	SS-SS	A1	0.12 cfm/ft2	7.50 psf	NI012119.07
		36.000 X 68.000	SS-SS	A1	0.12 cfm/ft2	7.50 psf	NI012119.06
		32.000 X 72.000	SS-SS	A1	0.12 cfm/ft2	7.50 psf	NI012119.05
		52.000 X 48.000	DS-DS	A4	0.30 cfm/ft2	5.25 psf	NI012118.11
		32.000 X 80.000	DS-DS	A4	0.30 cfm/ft2	5.25 psf	NI012118.10
	DP30	48.000 X 60.000	SS-SS	A1	0.12 cfm/ft2	7.50 psf	NI012119.04
		44.000 X 64.000	SS-SS	A1	0.12 cfm/ft2	7.50 psf	NI012119.03
		40.000 X 72.000	SS-SS	A1	0.12 cfm/ft2	7.50 psf	NI012119.02
		54.000 X 56.000	DS-DS	A4	0.30 cfm/ft2	5.25 psf	NI012118.09
		52.000 X 58.000	DS-DS	A4	0.30 cfm/ft2	5.25 psf	NI012118.08
		40.000 X 74.000	DS-DS	A4	0.30 cfm/ft2	5.25 psf	NI012118.07
		36.000 X 84.000	DS-DS	A4	0.30 cfm/ft2	5.25 psf	NI012118.06
	DP25	48.000 X 72.000	SS-SS	A1	0.12 cfm/ft2	7.50 psf	NI012119.01
		48.000 X 84.000	DS-DS	A1	0.13 cfm/ft2	4.60 psf	NI010897.06
		52.000 X 68.000	DS-DS	A4	0.30 cfm/ft2	5.25 psf	NI012118.05
		48.000 X 74.000	DS-DS	A4	0.30 cfm/ft2	5.25 psf	NI012118.04
44.000 X 82.000		DS-DS	A4	0.30 cfm/ft2	5.25 psf	NI012118.03	
40.000 X 84.000		DS-DS	A4	0.30 cfm/ft2	5.25 psf	NI012118.02	
DP20	54.000 X 84.000	DS-DS	A4	0.30 cfm/ft2	5.25 psf	NI012118.01	
Vinyl Drywall Single Hung Window	DP40	40.000 X 63.000	SS-SS	A1	0.17 cfm/ft2	6.90 psf	NI011492.03
	DP25	52.000 X 84.000	DS-DS	A4	0.10 cfm/ft2	3.76 psf	NI011492.01

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Vinyl Geometric Hung Window	DP40	40.000	X 65.000	DS-DS	A9	0.12 cfm/ft2	6.06 psf	NI010897.17
	DP25	48.000	X 96.000	DS-DS	A9	0.09 cfm/ft2	5.43 psf	NI010897.11
Vinyl Single Hung Mullied Window (SH/SH)	DP35	80.000	X 63.000	DS-DS	A1	0.15 cfm/ft2	6.06 psf	NI012048.01
Vinyl Double Hung Window	DP55	32.000	X 54.000	SS-SS	NO	0.06 cfm/ft2	8.25 psf	NI012112.01
		38.000	X 72.000	DS-DS	A6	0.27 cfm/ft2	8.25 psf	NI012124
	DP50	48.000	X 42.000	SS-SS	NO	0.05 cfm/ft2	7.50 psf	NI012112.18
		44.000	X 46.000	SS-SS	NO	0.05 cfm/ft2	7.50 psf	NI012112.17
		40.000	X 50.000	SS-SS	NO	0.05 cfm/ft2	7.50 psf	NI012112.16
		36.000	X 56.000	SS-SS	NO	0.05 cfm/ft2	7.50 psf	NI012112.15
		32.000	X 64.000	SS-SS	NO	0.05 cfm/ft2	7.50 psf	NI012112.14
		48.000	X 48.000	SS-SS	NO	0.05 cfm/ft2	7.50 psf	NI012112.13
	DP45	44.000	X 52.000	SS-SS	NO	0.05 cfm/ft2	7.50 psf	NI012112.12
		40.000	X 56.000	SS-SS	NO	0.05 cfm/ft2	7.50 psf	NI012112.11
		36.000	X 64.000	SS-SS	NO	0.05 cfm/ft2	7.50 psf	NI012112.10
		32.000	X 70.000	SS-SS	NO	0.05 cfm/ft2	7.50 psf	NI012112.09
		48.000	X 54.000	SS-SS	NO	0.05 cfm/ft2	7.50 psf	NI012112.08
	DP40	44.000	X 58.000	SS-SS	NO	0.05 cfm/ft2	7.50 psf	NI012112.07
		40.000	X 64.000	SS-SS	NO	0.05 cfm/ft2	7.50 psf	NI012112.06
		36.000	X 72.000	SS-SS	NO	0.05 cfm/ft2	7.50 psf	NI012112.05
		48.000	X 60.000	SS-SS	NO	0.05 cfm/ft2	7.50 psf	NI012112.04
	DP35	44.000	X 66.000	SS-SS	NO	0.05 cfm/ft2	7.50 psf	NI012112.03
		40.000	X 72.000	SS-SS	NO	0.05 cfm/ft2	7.50 psf	NI012112.02
		56.000	X 48.000	DS-DS	A6	0.28 cfm/ft2	5.25 psf	NI012124.18
		52.000	X 50.000	DS-DS	A6	0.28 cfm/ft2	5.25 psf	NI012124.17
		48.000	X 56.000	DS-DS	A6	0.28 cfm/ft2	5.25 psf	NI012124.16
		44.000	X 60.000	DS-DS	A6	0.28 cfm/ft2	5.25 psf	NI012124.15
		40.000	X 66.000	DS-DS	A6	0.28 cfm/ft2	5.25 psf	NI012124.14
		36.000	X 74.000	DS-DS	A6	0.28 cfm/ft2	5.25 psf	NI012124.13
		32.000	X 84.000	DS-DS	A6	0.28 cfm/ft2	5.25 psf	NI012124.12
		48.000	X 72.000	SS-SS	NO	0.05 cfm/ft2	7.50 psf	NI012112
	DP30	56.000	X 56.000	DS-DS	A6	0.28 cfm/ft2	5.25 psf	NI012124.11
		52.000	X 60.000	DS-DS	A6	0.28 cfm/ft2	5.25 psf	NI012124.10
		48.000	X 64.000	DS-DS	A6	0.28 cfm/ft2	5.25 psf	NI012124.09
		44.000	X 70.000	DS-DS	A6	0.28 cfm/ft2	5.25 psf	NI012124.08
		40.000	X 78.000	DS-DS	A6	0.28 cfm/ft2	5.25 psf	NI012124.07
36.000		X 84.000	DS-DS	A6	0.28 cfm/ft2	5.25 psf	NI012124.06	
56.000		X 66.000	DS-DS	A6	0.28 cfm/ft2	5.25 psf	NI012124.05	
DP25	56.000	X 66.000	DS-DS	A6	0.28 cfm/ft2	5.25 psf	NI012124.05	

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Vinyl Double Hung Window	DP25	52.000	X 72.000	DS-DS	A6	0.28 cfm/ft2	5.25 psf	NI012124.04	
		48.000	X 78.000	DS-DS	A6	0.28 cfm/ft2	5.25 psf	NI012124.03	
		44.000	X 84.000	DS-DS	A6	0.28 cfm/ft2	5.25 psf	NI012124.02	
	DP20	56.000	X 84.000	DS-DS	A6	0.28 cfm/ft2	5.25 psf	NI012124.01	
	DP15	48.000	X 80.000	SS-SS	NO	0.21 cfm/ft2	5.43 psf	NI010884.07	
Vinyl Double Hung Mulled Window (DH/DH)	DP35	80.000	X 63.000	DS-DS	A2	0.18 cfm/ft2	6.06 psf	NI012047.01	
Vinyl Double Hung Mulled Window (PC/DH)	DP40	48.000	X 111.000	DS-DS	A2	0.14 cfm/ft2	6.06 psf	NI012046.01	
Vinyl Double Hung Mulled Window (HR/DH)	DP40	48.000	X 111.000	DS-DS	A2	0.14 cfm/ft2	6.06 psf	NI012046.01	
Vinyl Double Hung Mulled Window (EL/DH)	DP40	48.000	X 111.000	DS-DS	A2	0.14 cfm/ft2	6.06 psf	NI012046.01	
Vinyl Double Hung Mulled Window (EB/DH)	DP40	48.000	X 111.000	DS-DS	A2	0.14 cfm/ft2	6.06 psf	NI012046.01	
Vinyl Horizontal Sliding Window (XX)	DP45	72.000	X 48.000	DS-DS	A2	0.15 cfm/ft2	6.75 psf	NI011726.01	
	DP30	63.000	X 44.000	SS-SS	NO	0.03 cfm/ft2	6.75 psf	NI011726	
	DP25	74.000	X 63.000	DS-DS	A2	0.12 cfm/ft2	5.25 psf	NI011726.02	
	DP20	78.000	X 72.000	DS-DS	A2	0.11 cfm/ft2	6.75 psf	NI011726.03	
Vinyl Horizontal Sliding Window (XOX-424)	DP35	96.000	X 48.000	DS-DS	A2	0.18 cfm/ft2	5.25 psf	NI011726.04	
	DP20	108.000	X 60.000	DS-DS	A2	0.19 cfm/ft2	5.25 psf	NI011726.05	
Vinyl Horizontal Sliding Window (XOX-333)	DP35	74.500	X 48.000	DS-DS	A2	0.18 cfm/ft2	5.25 psf	NI011726.04	
	DP20	108.000	X 60.000	DS-DS	A2	0.06 cfm/ft2	5.25 psf	NI011726.06	
Vinyl Fixed Window (Picture)	DP50	48.000	X 36.000	SS-SS	NO	<0.01 cfm/ft2	7.52 psf	NI010916.25-R1	
		63.000	X 44.000	DS-DS	NO	<0.01 cfm/ft2	7.52 psf	NI010916.29-R1	
		52.000	X 52.000	DS-DS	NO	<0.01 cfm/ft2	7.52 psf	NI010916.26-R1	
		96.000	X 38.000	3S-3S	NO	0.01 cfm/ft2	7.52 psf	NI010916.38-R1	
		84.000	X 58.000	3S-3S	NO	0.01 cfm/ft2	7.52 psf	NI010916.37-R1	
		77.000	X 69.000	3S-3S	NO	<0.01 cfm/ft2	7.52 psf	NI010916.33-R1	
		74.000	X 72.000	3S-3S	NO	<0.01 cfm/ft2	7.52 psf	NI010916.32-R1	
		96.000	X 72.000	3ST-3ST	NO	0.01 cfm/ft2	7.52 psf	NI010916.40-R1	
	DP45	96.000	X 58.000	3S-3S	NO	0.01 cfm/ft2	7.52 psf	NI010916.39-R1	
		77.000	X 72.000	3S-3S	NO	<0.01 cfm/ft2	7.52 psf	NI010916.34-R1	
	DP40	60.000	X 34.000	SS-SS	NO	<0.01 cfm/ft2	7.52 psf	NI010916.27-R1	
		45.000	X 45.000	SS-SS	NO	<0.01 cfm/ft2	7.52 psf	NI010916.41-R1	
		72.000	X 49.000	DS-DS	NO	<0.01 cfm/ft2	7.52 psf	NI010916.31-R1	
	DP35	72.000	X 28.000	SS-SS	NO	<0.01 cfm/ft2	7.52 psf	NI010916.30-R1	
		60.000	X 59.000	DS-DS	NO	<0.01 cfm/ft2	7.52 psf	NI010916.28-R1	
		84.000	X 42.000	DS-DS	NO	0.01 cfm/ft2	7.52 psf	NI010916.36-R1	
	DP30	84.000	X 24.000	SS-SS	NO	0.01 cfm/ft2	7.52 psf	NI010916.35-R1	
	Vinyl Sliding Glass Door (XO)	DP60	70.875	X 81.875	DST-DST	E4	0.04 cfm/ft2	9.00 psf	NI010903.06-R2

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Vinyl Sliding Glass Door (XO)	DP40	94.500	X 79.500	DST-DST	E4	0.08 cfm/ft2	6.75 psf	NI010903.07-R2
	DP35	96.000	X 82.000	DST-DST	E4	0.06 cfm/ft2	6.00 psf	NI012051.09
Vinyl Fixed Window (Transom)	DP75	96.000	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 82.000	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 101/1.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)