NFRC Product Certification Authorization Report

Manufacturer: VDK Group
Street: 773451 Oxford 59
City/State/Zip: Norwich, ON N0J 1P0
Print Date: 10/05/2026

Product Series: PVC Double Hung 9440
Product Type: VSDH
Air Leakage:

Simulation Lab: SVER
Sim. Report #: SPL22002-8_N_VSDH_1
Sim. Report Date: 01/31/2024
Test Date: 12/15/2022

Initial Cert. Date: 02/09/2024
Re-Certification Date:
Revised Date: 07/20/2026
Expiration Date: 12/15/2027

CPD Number: VDK-M-7 | **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00001-00001	"3mm | 7-8" | 6227#2-arg90-GCI | ms"	VY/VY	2	0.02(2)	0.638	TS-D	Fill 1: ARG(90/10)	N		CL	0.28	0.19	0.46	57
	00002-00001	"3mm | 7-8" | 6227#2-arg90-GCI | ms | Grids<1""	VY/VY	2	0.02(2)	0.638	TS-D	Fill 1: ARG(90/10)	G	0.75	CL	0.28	0.18	0.41	57
	00003-00001	"3mm | 7-8" | 366#2-arg90-CCl-arg90-366#5 | ss"	VY/VY	3	0.02(2), 0.02(5)	0.250,0.250	ZF-S	Fill 1: ARG(90/10) , Fill 2: ARG(90/10)	N		CL	0.24	0.18	0.34	67
	00004-00001	3-3-3 | 7-4 | PCl-arg97-PCl-arg97-8071#5 | ms	VY/VY	3	0.082(5)	0.274,0.274	TS-D	Fill 1: ARG(97/3) , Fill 2: ARG(97/3)	N		CL	0.27	0.48	0.54	61
	00005-00001	3-3-3 | 7-4 | PCl-arg97-PCl-arg97-8071#5 | ms | Grids<1"	VY/VY	3	0.082(5)	0.274,0.274	TS-D	Fill 1: ARG(97/3) , Fill 2: ARG(97/3)	G	0.75	CL	0.28	0.43	0.48	61
	00006-00001	3-3-3 | 7-4 | PCl-arg97-PCl-arg97-8071#5 | ms | Grids>1"	VY/VY	3	0.082(5)	0.274,0.274	TS-D	Fill 1: ARG(97/3) , Fill 2: ARG(97/3)	G	1.50	CL	0.28	0.39	0.42	61
	00007-00001	3-3 | 7-8 | PCl-arg97-8071#3 | ms	VY/VY	2	0.082(3)	0.638	TS-D	Fill 1: ARG(97/3)	N		CL	0.29	0.53	0.59	48
	00008-00001	3-3 | 7-8 | PCl-arg97-8071#3 | ms | Grids<1"	VY/VY	2	0.082(3)	0.638	TS-D	Fill 1: ARG(97/3)	G	0.75	CL	0.29	0.48	0.52	48
	00009-00001	3-3 | 7-8 | PCl-arg97-8071#3 | ms | Grids>1"	VY/VY	2	0.082(3)	0.638	TS-D	Fill 1: ARG(97/3)	G	1.50	CL	0.29	0.42	0.46	48
	00010-00001	3-3-3 | 7-8 | 6227#2-arg97-PCl-arg97-PCl | ms	VY/VY	3	0.023(2)	0.274,0.274	TS-D	Fill 1: ARG(97/3) , Fill 2: ARG(97/3)	N		CL	0.27	0.18	0.41	63
	00011-00001	3-3-3 | 7-8 | 6227#2-arg97-PCl-arg97-PCl | ms | Grids<1"	VY/VY	3	0.023(2)	0.274,0.274	TS-D	Fill 1: ARG(97/3) , Fill 2: ARG(97/3)	G	0.75	CL	0.29	0.16	0.37	63
	00012-00001	3-3-3 | 7-8 | 6227#2-arg97-PCl-arg97-PCl | ms | Grids>1"	VY/VY	3	0.023(2)	0.274,0.274	TS-D	Fill 1: ARG(97/3) , Fill 2: ARG(97/3)	G	1.50	CL	0.29	0.15	0.32	63
	00013-00001	3-3 | 7-8 | 7036#2-arg97-PCl | ms	VY/VY	2	0.036(2)	0.638	TS-D	Fill 1: ARG(97/3)	N		CL	0.28	0.28	0.52	57
	00014-00001	3-3 | 7-8 | 7036#2-arg97-PCl | ms | Grids<1"	VY/VY	2	0.036(2)	0.638	TS-D	Fill 1: ARG(97/3)	G	0.75	CL	0.28	0.25	0.46	57
	00015-00001	3-3 | 7-8 | 7036#2-arg97-PCl | ms | Grids>1"	VY/VY	2	0.036(2)	0.638	TS-D	Fill 1: ARG(97/3)	G	1.50	CL	0.28	0.23	0.40	57
	00016-00001	3-3-3 | 7-8 | 7036#2-arg97-PCl-Arg97-PCl | ms	VY/VY	3	0.036(2)	0.274,0.274	TS-D	Fill 1: ARG(97/3) , Fill 2: ARG(97/3)	N		CL	0.27	0.27	0.47	62
	00017-00001	3-3-3 | 7-8 | 7036#2-arg97-PCl-Arg97-PCl | ms | Grids<1"	VY/VY	3	0.036(2)	0.274,0.274	TS-D	Fill 1: ARG(97/3) , Fill 2: ARG(97/3)	G	0.75	CL	0.29	0.24	0.42	62

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CPD Number: VDK-M-7 | **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00018-00001	3-3-3 | 7-8 | 7036#2-arg97-PCl-Arg97-PCl | ms | Grids>1"	VY/VY	3	0.036(2)	0.274,0.274	TS-D	Fill 1: ARG(97/3) , Fill 2: ARG(97/3)	G	1.50	CL	0.29	0.21	0.37	62
	00019-00001	3-3 | 7-8 | 6227#2-arg97-PCl | ms | Grids>1"	VY/VY	2	0.023(2)	0.638	TS-D	Fill 1: ARG(97/3)	G	1.50	CL	0.28	0.15	0.35	56
	00020-00001	3-3 | 7-8 | CCl-arg90-180#3 | en	VY/VY	2	0.068(3)	0.640	SS-D	Fill 1: ARG (90)	N		CL	0.29	0.51	0.58	56
	00021-00001	"3-3 | 7-8 | CCl-arg90-180#3 | en | Grids<1"""	VY/VY	2	0.068(3)	0.640	SS-D	Fill 1: ARG (90)	G	0.75	CL	0.29	0.45	0.52	56
	00022-00001	"3-3 | 7-8 | CCl-arg90-180#3 | en | Grids>=1"""	VY/VY	2	0.068(3)	0.640	SS-D	Fill 1: ARG (90)	G	1.50	CL	0.29	0.40	0.45	56
	00023-00001	3-3 | 7-8 | 272#2-arg90-CCl | en	VY/VY	2	0.042(2)	0.640	SS-D	Fill 1: ARG (90)	N		CL	0.29	0.31	0.53	56
	00024-00001	"3-3 | 7-8 | 272#2-arg90-CCl | en | Grids<1"""	VY/VY	2	0.042(2)	0.640	SS-D	Fill 1: ARG (90)	G	0.75	CL	0.29	0.27	0.47	56
	00025-00001	"3-3 | 7-8 | 272#2-arg90-CCl | en | Grids>=1"""	VY/VY	2	0.042(2)	0.640	SS-D	Fill 1: ARG (90)	G	1.50	CL	0.29	0.24	0.41	56
	00026-00001	3-3 | 7-8 | 366#2-arg90-CCl | en	VY/VY	2	0.02(2)	0.640	SS-D	Fill 1: ARG (90)	N		CL	0.28	0.20	0.47	57
	00027-00001	"3-3 | 7-8 | 366#2-arg90-CCl | en | Grids<1"""	VY/VY	2	0.02(2)	0.640	SS-D	Fill 1: ARG (90)	G	0.75	CL	0.28	0.18	0.42	57
	00028-00001	"3-3 | 7-8 | 366#2-arg90-CCl | en | Grids>=1"""	VY/VY	2	0.02(2)	0.640	SS-D	Fill 1: ARG (90)	G	1.50	CL	0.28	0.16	0.37	57
	00029-00001	4-4 | 7-8 | CCl-arg90-180#3 | en	VY/VY	2	0.068(3)	0.580	SS-D	Fill 1: ARG (90)	N		CL	0.29	0.50	0.58	58
	00030-00001	"4-4 | 7-8 | CCl-arg90-180#3 | en | Grids<1"""	VY/VY	2	0.068(3)	0.580	SS-D	Fill 1: ARG (90)	G	0.75	CL	0.29	0.45	0.51	58
	00031-00001	"4-4 | 7-8 | CCl-arg90-180#3 | en | Grids>=1"""	VY/VY	2	0.068(3)	0.580	SS-D	Fill 1: ARG (90)	G	1.50	CL	0.29	0.40	0.45	58
	00032-00001	4-4 | 7-8 | 272#2-arg90-CCl | en	VY/VY	2	0.042(2)	0.580	SS-D	Fill 1: ARG (90)	N		CL	0.28	0.30	0.52	58
	00033-00001	"4-4 | 7-8 | 272#2-arg90-CCl | en | Grids<1"""	VY/VY	2	0.042(2)	0.580	SS-D	Fill 1: ARG (90)	G	0.75	CL	0.28	0.27	0.47	58
	00034-00001	"4-4 | 7-8 | 272#2-arg90-CCl | en | Grids>=1"""	VY/VY	2	0.042(2)	0.580	SS-D	Fill 1: ARG (90)	G	1.50	CL	0.28	0.24	0.41	58
	00035-00001	4-4 | 7-8 | 366#2-arg90-CCl | en	VY/VY	2	0.02(2)	0.580	SS-D	Fill 1: ARG (90)	N		CL	0.28	0.20	0.47	59

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Air Leakage:

Simulation Lab: SVER
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CPD Number: VDK-M-7 | **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00036-00001	"4-4 | 7-8 | 366#2-arg90-CCl | en | Grids<1"""	VY/VY	2	0.02(2)	0.580	SS-D	Fill 1: ARG (90)	G	0.75	CL	0.28	0.18	0.42	59
	00037-00001	"4-4 | 7-8 | 366#2-arg90-CCl | en | Grids>=1"""	VY/VY	2	0.02(2)	0.580	SS-D	Fill 1: ARG (90)	G	1.50	CL	0.28	0.16	0.37	59
	00038-00001	5-5 | 7-8 | CCl-arg90-180#3 | en	VY/VY	2	0.068(3)	0.490	SS-D	Fill 1: ARG (90)	N		CL	0.29	0.49	0.57	57
	00039-00001	"5-5 | 7-8 | CCl-arg90-180#3 | en | Grids<1"""	VY/VY	2	0.068(3)	0.490	SS-D	Fill 1: ARG (90)	G	0.75	CL	0.29	0.44	0.51	57
	00040-00001	"5-5 | 7-8 | CCl-arg90-180#3 | en | Grids>=1"""	VY/VY	2	0.068(3)	0.490	SS-D	Fill 1: ARG (90)	G	1.50	CL	0.29	0.39	0.45	57
	00041-00001	5-5 | 7-8 | 272#2-arg90-CCl | en	VY/VY	2	0.042(2)	0.490	SS-D	Fill 1: ARG (90)	N		CL	0.28	0.30	0.52	57
	00042-00001	"5-5 | 7-8 | 272#2-arg90-CCl | en | Grids<1"""	VY/VY	2	0.042(2)	0.490	SS-D	Fill 1: ARG (90)	G	0.75	CL	0.28	0.27	0.46	57
	00043-00001	"5-5 | 7-8 | 272#2-arg90-CCl | en | Grids>=1"""	VY/VY	2	0.042(2)	0.490	SS-D	Fill 1: ARG (90)	G	1.50	CL	0.28	0.24	0.41	57
	00044-00001	5-5 | 7-8 | 366#2-arg90-CCl | en	VY/VY	2	0.02(2)	0.490	SS-D	Fill 1: ARG (90)	N		CL	0.27	0.20	0.47	58
	00045-00001	"5-5 | 7-8 | 366#2-arg90-CCl | en | Grids<1"""	VY/VY	2	0.02(2)	0.490	SS-D	Fill 1: ARG (90)	G	0.75	CL	0.27	0.18	0.42	58
	00046-00001	"5-5 | 7-8 | 366#2-arg90-CCl | en | Grids>=1"""	VY/VY	2	0.02(2)	0.490	SS-D	Fill 1: ARG (90)	G	1.50	CL	0.27	0.16	0.37	58
	00047-00001	3-3-3 | 7-8 | CCl-arg90-CCl-arg90-180#5 | en	VY/VY	3	0.068(5)	0.270,0.270	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.28	0.45	0.53	61
	00048-00001	"3-3-3 | 7-8 | CCl-arg90-CCl-arg90-180#5 | en | Grids<1"""	VY/VY	3	0.068(5)	0.270,0.270	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.28	0.41	0.47	61
	00049-00001	"3-3-3 | 7-8 | CCl-arg90-CCl-arg90-180#5 | en | Grids>=1"""	VY/VY	3	0.068(5)	0.270,0.270	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	1.50	CL	0.28	0.36	0.42	61
	00050-00001	3-3-3 | 7-8 | 272#2-arg90-CCl-arg90-CCl | en	VY/VY	3	0.042(2)	0.270,0.270	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.28	0.29	0.48	62
	00051-00001	"3-3-3 | 7-8 | 272#2-arg90-CCl-arg90-CCl | en | Grids<1"""	VY/VY	3	0.042(2)	0.270,0.270	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.29	0.26	0.43	62
	00052-00001	"3-3-3 | 7-8 | 272#2-arg90-CCl-arg90-CCl | en | Grids>=1"""	VY/VY	3	0.042(2)	0.270,0.270	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	1.50	CL	0.29	0.23	0.38	62

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Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00053-00001	3-3-3 | 7-8 | 366#2-arg90-CCl-arg90-CCl | en	VY/VY	3	0.02(2)	0.270,0.270	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.27	0.19	0.43	62
	00054-00001	"3-3-3 | 7-8 | 366#2-arg90-CCl-arg90-CCl | en | Grids<1"""	VY/VY	3	0.02(2)	0.270,0.270	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.29	0.17	0.39	62
	00055-00001	"3-3-3 | 7-8 | 366#2-arg90-CCl-arg90-CCl | en | Grids>=1"""	VY/VY	3	0.02(2)	0.270,0.270	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	1.50	CL	0.29	0.16	0.34	62
	00056-00001	3-3 | 7_8 | GUCl-arg97-8071#3 | ms	VY/VY	2	0.082(3)	0.640	TS-D	Fill 1: ARG (97)	N		CL	0.29	0.55	0.59	
	00057-00001	3-3 | 7_8 | GUCl-arg97-8071#3 | su	VY/VY	2	0.082(3)	0.650	TP-D	Fill 1: ARG (97)	N		CL	0.29	0.55	0.59	
	00058-00001	3-3 | 7_8 | GCl-arg97-8071#3 | su	VY/VY	2	0.082(3)	0.650	TP-D	Fill 1: ARG (97)	N		CL	0.29	0.52	0.59	
	00059-00001	3-3-3 | 7-8 | PVCl-arg90-PVCl-arg90-180#5 | ss	VY/VY	3	0.068(5)	0.250,0.250	ZF-S	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.28	0.48	0.54	
	00060-00001	3-3-3 | 7-8 | PVCl-arg95-180#3-arg95-180#5 | ss	VY/VY	3	0.068(3), 0.068(5)	0.250,0.250	ZF-S	Fill 1: ARG (95),Fill 2: ARG (95)	N		CL	0.24	0.44	0.52	
	00061-00001	3-3 | 7-8 | CCl-arg97-180ESC#3 | en	VY/VY	2	0.08(3)	0.640	SS-D	Fill 1: ARG (97)	N		CL	0.29	0.52	0.58	

Baseline Information

Test Lab	Test Date	Test Size	Tested U-Value	Standard U-Value	Test Report Number
TAIR	**12/15/2022**	1500 mm x 1200 mm	0.320	0.320	NV-03786-B

Comments: SPL22002-8_N_VSDH_1 added options 4 - 12 on 01/31/2025.
SPL22002-8_N_VSDH_1-A2R1 added options 13- 19 on 05/01/2025.
SPL22002-8_N_VSDH_1-A3 added options 20 - 55 on 12/23/2025.
SPL22002-8_N_VSDH-1_A4 added options 56 - 58 on 03/10/2026.
SPL22002-8_N_VSDH_1_A5R1 added options 59 & 60 on 05/27/2026.
SPL22002-8_N_VSDH_1-A6 added option 61 on 10/05/2026.

I hereby certify that all requirements for NFRC Certification Authorization have been met and that the above information is true and correct, to the best of my knowledge.

Authorized IA Signature: