

LISTING PROGRAM

Customer: Panes Windows Manufacturing
 Class: Fenestration
 Location: Mississauga, Ontario
 Website: <https://www.panes.ca/>
 Listing No. W568
 Project No. W568-1
 Effective Date: March 25, 2019
 Last Revised Date: March 25, 2019
 Expires: <N/A>
 Standards: CSA A440.2 Fenestration Energy Performance
 Product: Vinyl Windows
 Markings: Products are marked in a permanent manner where it is readily visible after installation with the following:

- a) Manufacturer's name or trademark
- b) QAI file Number: W568-1
- c) The wording "Evaluated for energy performance in accordance with CSA A440.2"
- d) The wording "Évalué pour la performance d'énergie en accord à la norme CSA A440.2"
- e) QAI logo shown here:



Models / Ratings: PVC High Profile Fixed Window

Model Code	U-Value (W/m ² K)	ER
PWM-HF-3,CL-16AR97SP-3,8070(3)	1.56	38
PWM-HF-3,CL-16AR97SP-3,8070(3)-G<1	1.56	34
PWM-HF-3,7036(2)-16AR97SP-3,CL	1.47	25
PWM-HF-3,7036(2)-16AR97SP-3,CL-G<1	1.47	23
PWM-HF-3,7036(2)-16AR97SP-3,IS20(4)	1.26	29
PWM-HF-3,7036(2)-16AR97SP-3,IS20(4)-G<1	1.26	27
PWM-HF-3,8070(2)-16AR97SP-3,8070(3)	1.49	36
PWM-HF-3,8070(2)-16AR97SP-3,8070(3)-G<1	1.49	33
PWM-HF-3,CL-13AR97SP-3,8070(3) -13AR97SP-3,8070(5)	0.95	46
PWM-HF-3,CL-13AR97SP-3,8070(3)-13AR97SP-3,8070(5)-G<1	0.95	43
PWM-HF-3,7036(2)-13AR97SP-3,CL-13AR97SP-3,7036(5)	0.88	36
PWM-HF-3,7036(2)-13AR97SP-3,CL-13AR97SP-3,7036(5)-G<1	0.88	34
PWM-HF-3,8070(2)-13AR97SP-3,CL-13AR97SP-3,7036(5)	0.91	40
PWM-HF-3,8070(2)-13AR97SP-3,CL-13AR97SP-3,7036(5)-G<1	0.91	39
PWM-HF-3,8070(2)-13AR97SP-3,8070(4)-13AR97SP-3,IS20(6)	0.88	46
PWM-HF-3,8070(2)-13AR97SP-3,8070(4)-13AR97SP-3,IS20(6)-G<1	0.88	43



Model Code	U-Value (W/m ² K)	ER
PWM-HF-3,7036(2)-13AR97SP-3,CL-13AR97SP-3,8070(5)	0.92	36
PWM-HF-3,7036(2)-13AR97SP-3,CL-13AR97SP-3,8070(5)-G<1	0.92	34
PWM-HF-3,CL-13AR97SP-3,CL-13AR97SP-3,8070(5)	1.17	43
PWM-HF-3,CL-13AR97SP-3,CL-13AR97SP-3,8070(5)-G<1	1.17	40
PWM-HF-FF-3,CL-16AR97SP-3,8070(3)	1.52	38
PWM-HF-FF-3,CL-16AR97SP-3,8070(3)-G<1	1.52	35
PWM-HF-FF-3,7036(2)-16AR97SP-3,CL	1.42	26
PWM-HF-FF-3,7036(2)-16AR97SP-3,CL-G<1	1.42	24
PWM-HF-FF-3,7036(2)-16AR97SP-3,IS20(4)	1.22	30
PWM-HF-FF-3,7036(2)-16AR97SP-3,IS20(4)-G<1	1.22	28
PWM-HF-FF-3,8070(2)-16AR97SP-3,8070(3)	1.45	37
PWM-HF-FF-3,8070(2)-16AR97SP-3,8070(3) -G<1	1.45	34
PWM-HF-FF-3,CL-13AR97SP-3,8070(3) -13AR97SP-3,8070(5)	0.91	47
PWM-HF-FF-3,CL-13AR97SP-3,8070(3)-13AR97SP-3,8070(5)-G<1	0.91	44
PWM-HF-FF-3,7036(2)-13AR97SP-3,CL-13AR97SP-3,7036(5)	0.84	37
PWM-HF-FF-3,7036(2)-13AR97SP-3,CL-13AR97SP-3,7036(5)-G<1	0.84	35
PWM-HF-FF-3,8070(2)-13AR97SP-3,CL-13AR97SP-3,7036(5)	0.87	41
PWM-HF-FF-3,8070(2)-13AR97SP-3,CL-13AR97SP-3,7036(5)-G<1	0.87	39
PWM-HF-FF-3,8070(2)-13AR97SP-3,8070(4)-13AR97SP-3,IS20(5)	0.84	46
PWM-HF-FF-3,8070(2)-13AR97SP-3,8070(4)-13AR97SP-3,IS20(5)-G<1	0.84	44
PWM-HF-FF-3,7036(2)-13AR97SP-3,CL-13AR97SP-3,8070(5)	0.88	37
PWM-HF-FF-3,7036(2)-13AR97SP-3,CL-13AR97SP-3,8070(5)-G<1	0.88	35
PWM-HF-FF-3,CL-13AR97SP-3,CL-13AR97SP-3,8070(5)	1.13	44
PWM-HF-FF-3,CL-13AR97SP-3,CL-13AR97SP-3,8070(5)-G<1	1.13	41
PWM-HF-3,CL-16AR95IC-3,8070(3)	1.58	37
PWM-HF-3,CL-16AR95IC-3,8070(3)-G<1	1.58	34
PWM-HF-3,7036(2)-16AR95IC-3,CL	1.49	25
PWM-HF-3,7036(2)-16AR95IC-3,CL-G<1	1.49	23
PWM-HF-3,7036(2)-16AR95IC-3,IS20(4)	1.28	29
PWM-HF-3,7036(2)-16AR95IC-3,IS20(4)-G<1	1.28	27
PWM-HF-3,8070(2)-16AR95IC-3,8070(3)	1.51	36
PWM-HF-3,8070(2)-16AR95IC-3,8070(3) -G<1	1.51	32
PWM-HF-3,CL-13AR95IC-3,8070(3) -13AR95IC-3,8070(5)	0.97	46
PWM-HF-3,CL-13AR95IC-3,8070(3)-13AR95IC-3,8070(5)-G<1	0.97	43
PWM-HF-3,7036(2)-13AR95IC-3,CL-13AR95IC-3,7036(5)	0.89	36
PWM-HF-3,7036(2)-13AR95IC-3,CL-13AR95IC-3,7036(5)-G<1	0.89	34
PWM-HF-3,8070(2)-13AR95IC-3,CL-13AR95IC-3,7036(5)	0.92	40
PWM-HF-3,8070(2)-13AR95IC-3,CL-13AR95IC-3,7036(5)-G<1	0.92	38
PWM-HF-3,8070(2)-13AR95IC-3,8070(4)-13AR95IC-3,IS20(6)	0.89	45
PWM-HF-3,8070(2)-13AR95IC-3,8070(4)-13AR95IC-3,IS20(6)-G<1	0.89	43
PWM-HF-3,7036(2)-13AR95IC-3,CL-13AR95IC-3,8070(5)	0.93	36
PWM-HF-3,7036(2)-13AR95IC-3,CL-13AR95IC-3,8070(5)-G<1	0.93	34
PWM-HF-3,CL-13AR95IC-3,CL-13AR95IC-3,8070(5)	1.19	38
PWM-HF-3,CL-13AR95IC-3,CL-13AR95IC-3,8070(5)-G<1	1.19	35
PWM-HF-FF-3,CL-16AR95IC-3,8070(3)	1.54	38
PWM-HF-FF-3,CL-16AR95IC-3,8070(3)-G<1	1.54	35
PWM-HF-FF-3,7036(2)-16AR95IC-3,CL	1.45	26
PWM-HF-FF-3,7036(2)-16AR95IC-3,CL-G<1	1.45	24



Model Code	U-Value (W/m ² K)	ER
PWM-HF-FF-3,7036(2)-16AR95IC-3,IS20(4)	1.24	30
PWM-HF-FF-3,7036(2)-16AR95IC-3,IS20(4)-G<1	1.24	28
PWM-HF-FF-3,8070(2)-16AR95IC-3,8070(3)	1.47	37
PWM-HF-FF-3,8070(2)-16AR95IC-3,8070(3) -G<1	1.47	33
PWM-HF-FF-3,CL-13AR95IC-3,8070(3) -13AR95IC-3,8070(5)	0.93	47
PWM-HF-FF-3,CL-13AR95IC-3,8070(3)-13AR95IC-3,8070(5)-G<1	0.93	44
PWM-HF-FF-3,7036(2)-13AR95IC-3,CL-13AR95IC-3,7036(5)	0.86	36
PWM-HF-FF-3,7036(2)-13AR95IC-3,CL-13AR95IC-3,7036(5)-G<1	0.86	34
PWM-HF-FF-3,8070(2)-13AR95IC-3,CL-13AR95IC-3,7036(5)	0.89	41
PWM-HF-FF-3,8070(2)-13AR95IC-3,CL-13AR95IC-3,7036(5)-G<1	0.89	39
PWM-HF-FF-3,8070(2)-13AR95IC-3,8070(4)-13AR95IC-3,IS20(6)	0.86	46
PWM-HF-FF-3,8070(2)-13AR95IC-3,8070(4)-13AR95IC-3,IS20(6)-G<1	0.86	44
PWM-HF-FF-3,7036(2)-13AR95IC-3,CL-13AR95IC-3,8070(5)	0.90	36
PWM-HF-FF-3,7036(2)-13AR95IC-3,CL-13AR95IC-3,8070(5)-G<1	0.90	35
PWM-HF-FF-3,CL-13AR95IC-3,CL-13AR95IC-3,8070(5)	1.15	43
PWM-HF-FF-3,CL-13AR95IC-3,CL-13AR95IC-3,8070(5)-G<1	1.15	40

PVC Low Profile Fixed Window

Model Code	U-Value (W/m ² K)	ER
PWM-LF-3,CL-16AR97SP-3,8070(3)	1.59	40
PWM-LF-3,CL-16AR97SP-3,8070(3)-G<1	1.59	36
PWM-LF-3,7036(2)-16AR97SP-3,CL	1.48	27
PWM-LF-3,7036(2)-16AR97SP-3,CL-G<1	1.48	25
PWM-LF-3,7036(2)-16AR97SP-3,IS20(4)	1.25	31
PWM-LF-3,7036(2)-16AR97SP-3,IS20(4)-G<1	1.25	29
PWM-LF-3,8070(2)-16AR97SP-3,8070(3)	1.51	39
PWM-LF-3,8070(2)-16AR97SP-3,8070(3)-G<1	1.51	35
PWM-LF-3,CL-13AR97SP-3,8070(3) -13AR97SP-3,8070(5)	0.91	50
PWM-LF-3,CL-13AR97SP-3,8070(3)-13AR97SP-3,8070(5)-G<1	0.91	47
PWM-LF-3,7036(2)-13AR97SP-3,CL-13AR97SP-3,7036(5)	0.83	38
PWM-LF-3,7036(2)-13AR97SP-3,CL-13AR97SP-3,7036(5)-G<1	0.83	37
PWM-LF-3,8070(2)-13AR97SP-3,CL-13AR97SP-3,7036(5)	0.86	44
PWM-LF-3,8070(2)-13AR97SP-3,CL-13AR97SP-3,7036(5)-G<1	0.86	41
PWM-LF-3,8070(2)-13AR97SP-3,8070(4)-13AR97SP-3,IS20(6)	0.82	49
PWM-LF-3,8070(2)-13AR97SP-3,8070(4)-13AR97SP-3,IS20(6)-G<1	0.82	47
PWM-LF-3,7036(2)-13AR97SP-3,CL-13AR97SP-3,8070(5)	0.87	38
PWM-LF-3,7036(2)-13AR97SP-3,CL-13AR97SP-3,8070(5)-G<1	0.87	37
PWM-LF-3,CL-13AR97SP-3,CL-13AR97SP-3,8070(5)	1.15	46
PWM-LF-3,CL-13AR97SP-3,CL-13AR97SP-3,8070(5)-G<1	1.15	43
PWM-LF-FF-3,CL-16AR97SP-3,8070(3)	1.57	40
PWM-LF-FF-3,CL-16AR97SP-3,8070(3)-G<1	1.57	37
PWM-LF-FF-3,7036(2)-16AR97SP-3,CL	1.46	27
PWM-LF-FF-3,7036(2)-16AR97SP-3,CL-G<1	1.46	25
PWM-LF-FF-3,7036(2)-16AR97SP-3,IS20(4)	1.23	32
PWM-LF-FF-3,7036(2)-16AR97SP-3,IS20(4)-G<1	1.23	30
PWM-LF-FF-3,8070(2)-16AR97SP-3,8070(3)	1.49	39



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PWM-LF-FF-3,8070(2)-16AR97SP-3,8070(3) -G<1	1.49	36
PWM-LF-FF-3,CL-13AR97SP-3,8070(3) -13AR97SP-3,8070(5)	0.89	51
PWM-LF-FF-3,CL-13AR97SP-3,8070(3)-13AR97SP-3,8070(5)-G<1	0.89	48
PWM-LF-FF-3,7036(2)-13AR97SP-3,CL-13AR97SP-3,7036(5)	0.81	38
PWM-LF-FF-3,7036(2)-13AR97SP-3,CL-13AR97SP-3,7036(5)-G<1	0.81	37
PWM-LF-FF-3,8070(2)-13AR97SP-3,CL-13AR97SP-3,7036(5)	0.84	44
PWM-LF-FF-3,8070(2)-13AR97SP-3,CL-13AR97SP-3,7036(5)-G<1	0.84	42
PWM-LF-FF-3,8070(2)-13AR97SP-3,8070(4)-13AR97SP-3,IS20(5)	0.81	49
PWM-LF-FF-3,8070(2)-13AR97SP-3,8070(4)-13AR97SP-3,IS20(5)-G<1	0.81	47
PWM-LF-FF-3,7036(2)-13AR97SP-3,CL-13AR97SP-3,8070(5)	0.85	39
PWM-LF-FF-3,7036(2)-13AR97SP-3,CL-13AR97SP-3,8070(5)-G<1	0.85	38
PWM-LF-FF-3,CL-13AR97SP-3,CL-13AR97SP-3,8070(5)	1.13	46
PWM-LF-FF-3,CL-13AR97SP-3,CL-13AR97SP-3,8070(5)-G<1	1.13	44
PWM-LF-3,CL-16AR95IC-3,8070(3)	1.61	39
PWM-LF-3,CL-16AR95IC-3,8070(3)-G<1	1.61	36
PWM-LF-3,7036(2)-16AR95IC-3,CL	1.50	26
PWM-LF-3,7036(2)-16AR95IC-3,CL-G<1	1.50	24
PWM-LF-3,7036(2)-16AR95IC-3,IS20(4)	1.27	31
PWM-LF-3,7036(2)-16AR95IC-3,IS20(4)-G<1	1.27	29
PWM-LF-3,8070(2)-16AR95IC-3,8070(3)	1.53	38
PWM-LF-3,8070(2)-16AR95IC-3,8070(3) -G<1	1.53	35
PWM-LF-3,CL-13AR95IC-3,8070(3) -13AR95IC-3,8070(5)	0.93	50
PWM-LF-3,CL-13AR95IC-3,8070(3)-13AR95IC-3,8070(5)-G<1	0.93	47
PWM-LF-3,7036(2)-13AR95IC-3,CL-13AR95IC-3,7036(5)	0.85	38
PWM-LF-3,7036(2)-13AR95IC-3,CL-13AR95IC-3,7036(5)-G<1	0.85	36
PWM-LF-3,8070(2)-13AR95IC-3,CL-13AR95IC-3,7036(5)	0.88	43
PWM-LF-3,8070(2)-13AR95IC-3,CL-13AR95IC-3,7036(5)-G<1	0.88	41
PWM-LF-3,8070(2)-13AR95IC-3,8070(4)-13AR95IC-3,IS20(6)	0.84	49
PWM-LF-3,8070(2)-13AR95IC-3,8070(4)-13AR95IC-3,IS20(6)-G<1	0.84	46
PWM-LF-3,7036(2)-13AR95IC-3,CL-13AR95IC-3,8070(5)	0.89	38
PWM-LF-3,7036(2)-13AR95IC-3,CL-13AR95IC-3,8070(5)-G<1	0.89	37
PWM-LF-3,CL-13AR95IC-3,CL-13AR95IC-3,8070(5)	1.17	46
PWM-LF-3,CL-13AR95IC-3,CL-13AR95IC-3,8070(5)-G<1	1.17	43
PWM-LF-FF-3,CL-16AR95IC-3,8070(3)	1.59	40
PWM-LF-FF-3,CL-16AR95IC-3,8070(3)-G<1	1.59	36
PWM-LF-FF-3,7036(2)-16AR95IC-3,CL	1.48	27
PWM-LF-FF-3,7036(2)-16AR95IC-3,CL-G<1	1.48	25
PWM-LF-FF-3,7036(2)-16AR95IC-3,IS20(4)	1.25	31
PWM-LF-FF-3,7036(2)-16AR95IC-3,IS20(4)-G<1	1.25	29
PWM-LF-FF-3,8070(2)-16AR95IC-3,8070(3)	1.51	39
PWM-LF-FF-3,8070(2)-16AR95IC-3,8070(3) -G<1	1.51	35
PWM-LF-FF-3,CL-13AR95IC-3,8070(3) -13AR95IC-3,8070(5)	0.89	51
PWM-LF-FF-3,CL-13AR95IC-3,8070(3)-13AR95IC-3,8070(5)-G<1	0.89	48
PWM-LF-FF-3,7036(2)-13AR95IC-3,CL-13AR95IC-3,7036(5)	0.81	38
PWM-LF-FF-3,7036(2)-13AR95IC-3,CL-13AR95IC-3,7036(5)-G<1	0.81	37
PWM-LF-FF-3,8070(2)-13AR95IC-3,CL-13AR95IC-3,7036(5)	0.84	44
PWM-LF-FF-3,8070(2)-13AR95IC-3,CL-13AR95IC-3,7036(5)-G<1	0.84	42
PWM-LF-FF-3,8070(2)-13AR95IC-3,8070(4)-13AR95IC-3,IS20(6)	0.81	49



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PWM-LF-FF-3,8070(2)-13AR95IC-3,8070(4)-13AR95IC-3,IS20(6)-G<1	0.81	47
PWM-LF-FF-3,7036(2)-13AR95IC-3,CL-13AR95IC-3,8070(5)	0.85	39
PWM-LF-FF-3,7036(2)-13AR95IC-3,CL-13AR95IC-3,8070(5)-G<1	0.85	38
PWM-LF-FF-3,CL-13AR95IC-3,CL-13AR95IC-3,8070(5)	1.16	46
PWM-LF-FF-3,CL-13AR95IC-3,CL-13AR95IC-3,8070(5)-G<1	1.16	43

PVC Awning Window

Model Code	U-Value (W/m ² K)	ER
PWM-AW-3,CL-16AR97SP-3,8070(3)	1.56	32
PWM-AW-3,CL-16AR97SP-3,8070(3)-G<1	1.56	30
PWM-AW-3,7036(2)-16AR97SP-3,CL	1.48	22
PWM-AW-3,7036(2)-16AR97SP-3,CL-G<1	1.48	21
PWM-AW-3,7036(2)-16AR97SP-3,IS20(4)	1.32	25
PWM-AW-3,7036(2)-16AR97SP-3,IS20(4)-G<1	1.32	24
PWM-AW-3,8070(2)-16AR97SP-3,8070(3)	1.50	31
PWM-AW-3,8070(2)-16AR97SP-3,8070(3)-G<1	1.50	29
PWM-AW-3,CL-13AR97SP-3,8070(3) -13AR97SP-3,8070(5)	1.02	41
PWM-AW-3,CL-13AR97SP-3,8070(3)-13AR97SP-3,8070(5)-G<1	1.02	38
PWM-AW-3,7036(2)-13AR97SP-3,CL-13AR97SP-3,7036(5)	0.95	32
PWM-AW-3,7036(2)-13AR97SP-3,CL-13AR97SP-3,7036(5)-G<1	0.95	31
PWM-AW-3,8070(2)-13AR97SP-3,CL-13AR97SP-3,7036(5)	0.98	36
PWM-AW-3,8070(2)-13AR97SP-3,CL-13AR97SP-3,7036(5)-G<1	0.98	34
PWM-AW-3,8070(2)-13AR97SP-3,8070(4)-13AR97SP-3,IS20(6)	0.96	40
PWM-AW-3,8070(2)-13AR97SP-3,8070(4)-13AR97SP-3,IS20(6)-G<1	0.96	38
PWM-AW-3,7036(2)-13AR97SP-3,CL-13AR97SP-3,8070(5)	0.99	32
PWM-AW-3,7036(2)-13AR97SP-3,CL-13AR97SP-3,8070(5)-G<1	0.99	30
PWM-AW-3,CL-13AR97SP-3,CL-13AR97SP-3,8070(5)	1.20	38
PWM-AW-3,CL-13AR97SP-3,CL-13AR97SP-3,8070(5)-G<1	1.20	36
PWM-AW-FF-3,CL-16AR97SP-3,8070(3)	1.53	33
PWM-AW-FF-3,CL-16AR97SP-3,8070(3)-G<1	1.53	31
PWM-AW-FF-3,7036(2)-16AR97SP-3,CL	1.45	23
PWM-AW-FF-3,7036(2)-16AR97SP-3,CL-G<1	1.45	21
PWM-AW-FF-3,7036(2)-16AR97SP-3,IS20(4)	1.29	26
PWM-AW-FF-3,7036(2)-16AR97SP-3,IS20(4)-G<1	1.29	25
PWM-AW-FF-3,8070(2)-16AR97SP-3,8070(3)	1.53	33
PWM-AW-FF-3,8070(2)-16AR97SP-3,8070(3) -G<1	1.53	31
PWM-AW-FF-3,CL-13AR97SP-3,8070(3) -13AR97SP-3,8070(5)	0.99	41
PWM-AW-FF-3,CL-13AR97SP-3,8070(3)-13AR97SP-3,8070(5)-G<1	0.99	39
PWM-AW-FF-3,7036(2)-13AR97SP-3,CL-13AR97SP-3,7036(5)	0.93	32
PWM-AW-FF-3,7036(2)-13AR97SP-3,CL-13AR97SP-3,7036(5)-G<1	0.93	31
PWM-AW-FF-3,8070(2)-13AR97SP-3,CL-13AR97SP-3,7036(5)	0.95	36
PWM-AW-FF-3,8070(2)-13AR97SP-3,CL-13AR97SP-3,7036(5)-G<1	0.95	35
PWM-AW-FF-3,8070(2)-13AR97SP-3,8070(4)-13AR97SP-3,IS20(5)	0.93	41
PWM-AW-FF-3,8070(2)-13AR97SP-3,8070(4)-13AR97SP-3,IS20(5)-G<1	0.93	39
PWM-AW-FF-3,7036(2)-13AR97SP-3,CL-13AR97SP-3,8070(5)	0.96	32
PWM-AW-FF-3,7036(2)-13AR97SP-3,CL-13AR97SP-3,8070(5)-G<1	0.96	31



Model Code	U-Value (W/m ² K)	ER
PWM-AW-FF-3,CL-13AR97SP-3,CL-13AR97SP-3,8070(5)	1.18	38
PWM-AW-FF-3,CL-13AR97SP-3,CL-13AR97SP-3,8070(5)-G<1	1.18	36
PWM-AW-3,CL-16AR95IC-3,8070(3)	1.59	32
PWM-AW-3,CL-16AR95IC-3,8070(3)-G<1	1.59	29
PWM-AW-3,7036(2)-16AR95IC-3,CL	1.51	21
PWM-AW-3,7036(2)-16AR95IC-3,CL-G<1	1.51	20
PWM-AW-3,7036(2)-16AR95IC-3,IS20(4)	1.35	25
PWM-AW-3,7036(2)-16AR95IC-3,IS20(4)-G<1	1.35	24
PWM-AW-3,8070(2)-16AR95IC-3,8070(3)	1.53	31
PWM-AW-3,8070(2)-16AR95IC-3,8070(3) -G<1	1.53	28
PWM-AW-3,CL-13AR95IC-3,8070(3) -13AR95IC-3,8070(5)	1.05	40
PWM-AW-3,CL-13AR95IC-3,8070(3)-13AR95IC-3,8070(5)-G<1	1.05	38
PWM-AW-3,7036(2)-13AR95IC-3,CL-13AR95IC-3,7036(5)	0.98	31
PWM-AW-3,7036(2)-13AR95IC-3,CL-13AR95IC-3,7036(5)-G<1	0.98	30
PWM-AW-3,8070(2)-13AR95IC-3,CL-13AR95IC-3,7036(5)	1.01	35
PWM-AW-3,8070(2)-13AR95IC-3,CL-13AR95IC-3,7036(5)-G<1	1.01	33
PWM-AW-3,8070(2)-13AR95IC-3,8070(4)-13AR95IC-3,IS20(6)	0.99	40
PWM-AW-3,8070(2)-13AR95IC-3,8070(4)-13AR95IC-3,IS20(6)-G<1	0.99	37
PWM-AW-3,7036(2)-13AR95IC-3,CL-13AR95IC-3,8070(5)	1.02	31
PWM-AW-3,7036(2)-13AR95IC-3,CL-13AR95IC-3,8070(5)-G<1	1.02	30
PWM-AW-3,CL-13AR95IC-3,CL-13AR95IC-3,8070(5)	1.24	37
PWM-AW-3,CL-13AR95IC-3,CL-13AR95IC-3,8070(5)-G<1	1.24	35
PWM-AW-FF-3,CL-16AR95IC-3,8070(3)	1.56	32
PWM-AW-FF-3,CL-16AR95IC-3,8070(3)-G<1	1.56	30
PWM-AW-FF-3,7036(2)-16AR95IC-3,CL	1.47	22
PWM-AW-FF-3,7036(2)-16AR95IC-3,CL-G<1	1.47	21
PWM-AW-FF-3,7036(2)-16AR95IC-3,IS20(4)	1.31	26
PWM-AW-FF-3,7036(2)-16AR95IC-3,IS20(4)-G<1	1.31	25
PWM-AW-FF-3,8070(2)-16AR95IC-3,8070(3)	1.49	32
PWM-AW-FF-3,8070(2)-16AR95IC-3,8070(3) -G<1	1.49	29
PWM-AW-FF-3,CL-13AR95IC-3,8070(3) -13AR95IC-3,8070(5)	1.02	41
PWM-AW-FF-3,CL-13AR95IC-3,8070(3)-13AR95IC-3,8070(5)-G<1	1.02	38
PWM-AW-FF-3,7036(2)-13AR95IC-3,CL-13AR95IC-3,7036(5)	0.96	32
PWM-AW-FF-3,7036(2)-13AR95IC-3,CL-13AR95IC-3,7036(5)-G<1	0.96	30
PWM-AW-FF-3,8070(2)-13AR95IC-3,CL-13AR95IC-3,7036(5)	0.99	36
PWM-AW-FF-3,8070(2)-13AR95IC-3,CL-13AR95IC-3,7036(5)-G<1	0.99	34
PWM-AW-FF-3,8070(2)-13AR95IC-3,8070(4)-13AR95IC-3,IS20(6)	0.96	40
PWM-AW-FF-3,8070(2)-13AR95IC-3,8070(4)-13AR95IC-3,IS20(6)-G<1	0.96	38
PWM-AW-FF-3,7036(2)-13AR95IC-3,CL-13AR95IC-3,8070(5)	0.99	32
PWM-AW-FF-3,7036(2)-13AR95IC-3,CL-13AR95IC-3,8070(5)-G<1	0.99	30
PWM-AW-FF-3,CL-13AR95IC-3,CL-13AR95IC-3,8070(5)	1.21	38
PWM-AW-FF-3,CL-13AR95IC-3,CL-13AR95IC-3,8070(5)-G<1	1.21	35



PVC Casement Window

Model Code	U-Value (W/m ² K)	ER
PWM-CA-3,CL-16AR97SP-3,8070(3)	1.54	33
PWM-CA-3,CL-16AR97SP-3,8070(3)-G<1	1.54	30
PWM-CA-3,7036(2)-16AR97SP-3,CL	1.46	22
PWM-CA-3,7036(2)-16AR97SP-3,CL-G<1	1.46	21
PWM-CA-3,7036(2)-16AR97SP-3,IS20(4)	1.29	26
PWM-CA-3,7036(2)-16AR97SP-3,IS20(4)-G<1	1.29	25
PWM-CA-3,8070(2)-16AR97SP-3,8070(3)	1.48	32
PWM-CA-3,8070(2)-16AR97SP-3,8070(3)-G<1	1.48	29
PWM-CA-3,CL-13AR97SP-3,8070(3) -13AR97SP-3,8070(5)	1.01	41
PWM-CA-3,CL-13AR97SP-3,8070(3)-13AR97SP-3,8070(5)-G<1	1.01	39
PWM-CA-3,7036(2)-13AR97SP-3,CL-13AR97SP-3,7036(5)	0.95	32
PWM-CA-3,7036(2)-13AR97SP-3,CL-13AR97SP-3,7036(5)-G<1	0.95	31
PWM-CA-3,8070(2)-13AR97SP-3,CL-13AR97SP-3,7036(5)	0.97	36
PWM-CA-3,8070(2)-13AR97SP-3,CL-13AR97SP-3,7036(5)-G<1	0.97	34
PWM-CA-3,8070(2)-13AR97SP-3,8070(4)-13AR97SP-3,IS20(6)	0.94	40
PWM-CA-3,8070(2)-13AR97SP-3,8070(4)-13AR97SP-3,IS20(6)-G<1	0.94	38
PWM-CA-3,7036(2)-13AR97SP-3,CL-13AR97SP-3,8070(5)	0.98	32
PWM-CA-3,7036(2)-13AR97SP-3,CL-13AR97SP-3,8070(5)-G<1	0.98	31
PWM-CA-3,CL-13AR97SP-3,CL-13AR97SP-3,8070(5)	1.19	38
PWM-CA-3,CL-13AR97SP-3,CL-13AR97SP-3,8070(5)-G<1	1.19	36
PWM-CA-FF-3,CL-16AR97SP-3,8070(3)	1.51	33
PWM-CA-FF-3,CL-16AR97SP-3,8070(3)-G<1	1.51	31
PWM-CA-FF-3,7036(2)-16AR97SP-3,CL	1.43	23
PWM-CA-FF-3,7036(2)-16AR97SP-3,CL-G<1	1.43	22
PWM-CA-FF-3,7036(2)-16AR97SP-3,IS20(4)	1.26	27
PWM-CA-FF-3,7036(2)-16AR97SP-3,IS20(4)-G<1	1.26	26
PWM-CA-FF-3,8070(2)-16AR97SP-3,8070(3)	1.45	32
PWM-CA-FF-3,8070(2)-16AR97SP-3,8070(3) -G<1	1.45	30
PWM-CA-FF-3,CL-13AR97SP-3,8070(3) -13AR97SP-3,8070(5)	0.98	42
PWM-CA-FF-3,CL-13AR97SP-3,8070(3)-13AR97SP-3,8070(5)-G<1	0.98	39
PWM-CA-FF-3,7036(2)-13AR97SP-3,CL-13AR97SP-3,7036(5)	0.92	33
PWM-CA-FF-3,7036(2)-13AR97SP-3,CL-13AR97SP-3,7036(5)-G<1	0.92	31
PWM-CA-FF-3,8070(2)-13AR97SP-3,CL-13AR97SP-3,7036(5)	0.95	36
PWM-CA-FF-3,8070(2)-13AR97SP-3,CL-13AR97SP-3,7036(5)-G<1	0.95	35
PWM-CA-FF-3,8070(2)-13AR97SP-3,8070(4)-13AR97SP-3,IS20(5)	0.92	41
PWM-CA-FF-3,8070(2)-13AR97SP-3,8070(4)-13AR97SP-3,IS20(5)-G<1	0.92	39
PWM-CA-FF-3,7036(2)-13AR97SP-3,CL-13AR97SP-3,8070(5)	0.95	32
PWM-CA-FF-3,7036(2)-13AR97SP-3,CL-13AR97SP-3,8070(5)-G<1	0.95	31
PWM-CA-FF-3,CL-13AR97SP-3,CL-13AR97SP-3,8070(5)	1.17	39
PWM-CA-FF-3,CL-13AR97SP-3,CL-13AR97SP-3,8070(5)-G<1	1.17	36
PWM-CA-3,CL-16AR95IC-3,8070(3)	1.57	32
PWM-CA-3,CL-16AR95IC-3,8070(3)-G<1	1.57	30
PWM-CA-3,7036(2)-16AR95IC-3,CL	1.49	22
PWM-CA-3,7036(2)-16AR95IC-3,CL-G<1	1.49	21
PWM-CA-3,7036(2)-16AR95IC-3,IS20(4)	1.31	26
PWM-CA-3,7036(2)-16AR95IC-3,IS20(4)-G<1	1.31	25
PWM-CA-3,8070(2)-16AR95IC-3,8070(3)	1.51	31



Model Code	U-Value (W/m ² K)	ER
PWM-CA-3,8070(2)-16AR95IC-3,8070(3) -G<1	1.51	29
PWM-CA-3,CL-13AR95IC-3,8070(3) -13AR95IC-3,8070(5)	1.04	40
PWM-CA-3,CL-13AR95IC-3,8070(3)-13AR95IC-3,8070(5)-G<1	1.04	38
PWM-CA-3,7036(2)-13AR95IC-3,CL-13AR95IC-3,7036(5)	0.97	31
PWM-CA-3,7036(2)-13AR95IC-3,CL-13AR95IC-3,7036(5)-G<1	0.97	30
PWM-CA-3,8070(2)-13AR95IC-3,CL-13AR95IC-3,7036(5)	1.00	35
PWM-CA-3,8070(2)-13AR95IC-3,CL-13AR95IC-3,7036(5)-G<1	1.00	34
PWM-CA-3,8070(2)-13AR95IC-3,8070(4)-13AR95IC-3,IS20(6)	0.97	39
PWM-CA-3,8070(2)-13AR95IC-3,8070(4)-13AR95IC-3,IS20(6)-G<1	0.97	38
PWM-CA-3,7036(2)-13AR95IC-3,CL-13AR95IC-3,8070(5)	1.01	31
PWM-CA-3,7036(2)-13AR95IC-3,CL-13AR95IC-3,8070(5)-G<1	1.01	30
PWM-CA-3,CL-13AR95IC-3,CL-13AR95IC-3,8070(5)	1.23	37
PWM-CA-3,CL-13AR95IC-3,CL-13AR95IC-3,8070(5)-G<1	1.23	35
PWM-CA-FF-3,CL-16AR95IC-3,8070(3)	1.54	33
PWM-CA-FF-3,CL-16AR95IC-3,8070(3)-G<1	1.54	30
PWM-CA-FF-3,7036(2)-16AR95IC-3,CL	1.46	22
PWM-CA-FF-3,7036(2)-16AR95IC-3,CL-G<1	1.46	21
PWM-CA-FF-3,7036(2)-16AR95IC-3,IS20(4)	1.29	26
PWM-CA-FF-3,7036(2)-16AR95IC-3,IS20(4)-G<1	1.29	25
PWM-CA-FF-3,8070(2)-16AR95IC-3,8070(3)	1.48	32
PWM-CA-FF-3,8070(2)-16AR95IC-3,8070(3) -G<1	1.48	29
PWM-CA-FF-3,CL-13AR95IC-3,8070(3) -13AR95IC-3,8070(5)	1.01	41
PWM-CA-FF-3,CL-13AR95IC-3,8070(3)-13AR95IC-3,8070(5)-G<1	1.01	39
PWM-CA-FF-3,7036(2)-13AR95IC-3,CL-13AR95IC-3,7036(5)	0.95	32
PWM-CA-FF-3,7036(2)-13AR95IC-3,CL-13AR95IC-3,7036(5)-G<1	0.95	31
PWM-CA-FF-3,8070(2)-13AR95IC-3,CL-13AR95IC-3,7036(5)	0.98	36
PWM-CA-FF-3,8070(2)-13AR95IC-3,CL-13AR95IC-3,7036(5)-G<1	0.98	34
PWM-CA-FF-3,8070(2)-13AR95IC-3,8070(4)-13AR95IC-3,IS20(6)	0.95	40
PWM-CA-FF-3,8070(2)-13AR95IC-3,8070(4)-13AR95IC-3,IS20(6)-G<1	0.95	38
PWM-CA-FF-3,7036(2)-13AR95IC-3,CL-13AR95IC-3,8070(5)	0.98	32
PWM-CA-FF-3,7036(2)-13AR95IC-3,CL-13AR95IC-3,8070(5)-G<1	0.98	31
PWM-CA-FF-3,CL-13AR95IC-3,CL-13AR95IC-3,8070(5)	1.20	38
PWM-CA-FF-3,CL-13AR95IC-3,CL-13AR95IC-3,8070(5)-G<1	1.20	36

Notes: Windows are not intended for installation in storefronts, non-operable portions of curtain wall, fixed glazing cast into precast concrete panels, greenhouses, skylights or sloped glazing. Test procedures are designed to test the performance of the test specimen only and are not necessarily used to test the performance of the installation, particularly the perimeter sealant joint and anchoring of the assembly.

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