

## WINDOW LISTING PROGRAM

Customer: Unison Windows Inc.  
 Class: Fenestration Products – Energy Performance  
 Location: 1353 Mckeen Ave. North Vancouver BC  
 Website: <http://www.unisonwindows.com>  
 Listing No. W425  
 Project No. W425-1, Edition 6  
 Effective Date: March 13, 2012  
 Last Revised: March 16, 2017  
 Date:  
 Expires: N/A  
 Standards: CSA A440.2-09 “Energy Performance of Windows and Other Fenestration Systems”  
 Product: Wood Windows

Markings: Each product is marked with the following content on a permanent label that is readily visible after installation:

- Manufacturer’s Name, Trademark or other recognized symbol of identification
- QAI File number (W425)
- QAI logo with “c” indicator
- “Evaluation for energy performance in accordance with CSA A440.2” / “Évalué pour la performance d’énergie en accord à la norme CSA A440.2”



Models / Ratings:

Model Code (Awning Window)	U-Value (W/m2K)	ER Value
AR-1-2-1-1-1 AC-1-2-1-1-1	1.63	18
AR-1-2-1-2-2 AC-1-2-1-2-2	1.65	15
AR-1-2-1-2-3 AC-1-2-1-2-3	1.76	13
AR-2-2-1-1-1 AC-2-2-1-1-1	1.87	25
AR-2-2-1-2-2 AC-2-2-1-2-2	1.85	21
AR-1-2-2-1-1 AC-1-2-2-1-1	1.62	18
AR-1-2-2-2-2 AC-1-2-2-2-2	1.69	14



# LABORATORIES

CERTIFICATION TESTING INSPECTION

VANCOUVER, BC: 877.461.8378 ph. | 604.527.8368 fx.  
 LOS ANGELES, CA: 909.483.0250 ph. | 909.483.0336 fx.  
 WASHINGTON, DC: 540.636.9445 ph. | 540.636.9414 fx.  
 TULSA, OK: 918.437.8333 ph. | 918.437.8487 fx.  
 TORONTO, ON: 905.605.5444  
 SEATTLE, WA: 425.512.8419  
 WEBSITE: WWW.QAI.ORG

Model Code (Awning Window)	U-Value (W/m2K)	ER Value
AR-2-2-2-1-1 AC-2-2-2-1-1	1.87	25
AR-1-1-1-1-4 AC-1-1-1-1-4	1.80	14
AR-1-2-1-1-4 AC-1-2-1-1-4	1.62	18
AR-1-2-1-2-5 AC-1-2-1-2-5	1.63	15
AR-2-2-1-1-4 AC-2-2-1-1-4	1.86	24
AR-1-2-2-1-4 AC-1-2-2-1-4	1.62	18
AR-1-2-2-2-5 AC-1-2-2-2-5	1.68	14
AR-2-2-2-1-4 AC-2-2-2-1-4	1.87	24
AR-1-1-1-1-1 AC-1-1-1-1-1	1.81	0.27
AR-1-1-1-2-2 AC-1-1-1-2-2	1.81	0.22
AR-1-1-1-2-3 AC-1-1-1-2-3	1.90	0.22
AR-2-1-1-2-2 AC-2-1-1-2-2	1.99	0.40
AR-1-1-2-1-1 AC-1-1-2-1-1	1.82	0.27
AR-1-1-2-2-2 AC-1-1-2-2-2	1.88	0.23
AR-1-1-2-2-3 AC-1-1-2-2-3	1.95	0.23
AR-2-2-1-2-3 AC-2-2-1-2-3	1.94	0.41
AR-1-2-2-2-3 AC-1-2-2-2-3	1.79	0.22
AR-2-2-2-2-2 AC-2-2-2-2-2	1.90	0.41
AR-2-2-2-2-3 AC-2-2-2-2-3	1.99	0.41
AR-1-2-3-1-1 AC-1-2-3-1-1	1.97	0.27
AR-1-1-1-2-5 AC-1-1-1-2-5	1.79	0.22
AR-1-1-1-2-6 AC-1-1-1-2-6	1.89	0.22
AR-4-2-4-1-1 AR-4-2-4-1-1	1.40	19
AR-4-2-4-2-2 AC-4-2-4-2-2	1.51	16
AR2-4-2-4-1-1 AC2-4-2-4-1-1	1.42	24
AR2-4-2-4-2-2 AC2-4-2-4-2-2	1.53	20
AR-1-2-4-1-1 AC-1-2-4-1-1	1.60	19



Model Code (Awning Window)	U-Value (W/m2K)	ER Value
AR-5-2-3-1-1 AC-5-2-3-1-1	1.39	22
AR2-1-2-4-1-1 AC2-1-2-4-1-1	1.59	14
AR2-5-2-3-1-1 AC2-5-2-3-1-1	1.37	18

Model Code (Awning Window)	U-Value (W/m2K)
AR-2-1-1-2-5 AC-2-1-1-2-5	1.97
AR-1-1-2-1-4 AC-1-1-2-1-4	1.82
AR-1-1-2-2-5 AC-1-1-2-2-5	1.87
AR-1-1-2-2-6 AC-1-1-2-2-6	1.94
AR-1-2-1-2-6 AC-1-2-1-2-6	1.75
AR-2-2-1-2-5 AC-2-2-1-2-5	1.84
AR-2-2-1-2-6 AC-2-2-1-2-6	1.94
AR-1-2-2-2-6 AC-1-2-2-2-6	1.79
AR-2-2-2-2-5 AC-2-2-2-2-5	1.89
AR-2-2-2-2-6 AC-2-2-2-2-6	1.98
AR-1-2-3-1-4 AC-1-2-3-1-4	1.97
AR-1-2-4-1-a AC-1-2-4-1-a	1.63
AR-1-2-5-1-b AC-1-2-5-1-b	1.71
AR-2-2-4-1-a AC-2-2-4-1-a	1.88
AR-2-2-5-1-b AC-2-2-5-1-b	1.95
AR-1-1-4-1-a AC-1-1-4-1-a	1.81
AR-1-1-5-1-b AC-1-1-5-1-b	1.94



Model Code (Casement Window)	U-Value (W/m2K)	ER Value
CR-1-1-1-1-1 CC-1-1-1-1-1	1.79	15
CR-2-1-1-1-1 CC-2-1-1-1-1	2.00	23
CR-1-2-1-1-1 CC-1-2-1-1-1	1.62	19
CR-1-2-1-2-2 CC-1-2-1-2-2	1.66	16
CR-1-2-1-2-3 CC-1-2-1-2-3	1.76	13
CR-2-2-1-1-1 CC-2-2-1-1-1	1.85	27
CR-2-2-1-2-2 CC-2-2-1-2-2	1.86	22
CR-1-2-2-1-1 CC-1-2-2-1-1	1.61	19
CR-1-2-2-2-2 CC-1-2-2-2-2	1.70	15
CR-2-2-2-1-1 CC-2-2-2-1-1	1.86	27
CR-2-2-2-2-2 CC-2-2-2-2-2	1.91	21
CR-1-1-1-1-4 CC-1-1-1-1-4	1.79	15
CR-2-1-1-1-4 CC-2-1-1-1-4	1.98	21
CR-1-2-1-2-5 CC-1-2-1-2-5	1.65	15
CR-1-2-1-2-6 CC-1-2-1-2-6	1.77	13
CR-2-2-1-1-4 CC-2-2-1-1-4	1.85	25
CR-1-2-2-1-4 CC-1-2-2-1-4	1.61	19
CR-1-2-2-2-5 CC-1-2-2-2-5	1.70	14
CR-2-2-2-1-4 CC-2-2-2-1-4	1.85	25
CR-4-2-4-1-1 CC-4-2-4-1-1	1.37	21
CR-4-2-4-2-2 CC-4-2-4-2-2	1.50	17
CR2-4-2-4-1-1 CC2-4-2-4-1-1	1.39	26
CR2-4-2-4-2-2 CC2-4-2-4-2-2	1.52	22
CR-1-2-4-1-1 CC-1-2-4-1-1	1.59	20
CR-5-2-3-1-1 CC-5-2-3-1-1	1.38	24
CR2-1-2-4-1-1 CC2-1-2-4-1-1	1.58	16
CR2-5-2-3-1-1 CC2-5-2-3-1-1	1.37	20



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 TORONTO, ON: 905.605.5444  
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 WEBSITE: WWW.QAI.ORG

Model Code (Casement Window)	U-Value (W/m2K)
CR-1-1-1-2-2	1.82
CC-1-1-1-2-2	
CR-1-1-1-2-3	1.90
CC-1-1-1-2-3	
CR-2-1-1-2-2	1.99
CC-2-1-1-2-2	
CR-1-1-2-1-1	1.81
CC-1-1-2-1-1	
CR-1-1-2-2-2	1.89
CC-1-1-2-2-2	
CR-1-1-2-2-3	1.96
CC-1-1-2-2-3	
CR-2-2-1-2-3	1.95
CC-2-2-1-2-3	
CR-2-2-2-2-3	1.99
CC-2-2-2-2-3	
CR-1-2-3-1-1	1.96
CC-1-2-3-1-1	
CR-1-1-1-2-6	1.90
CC-1-1-1-2-6	
CR-2-1-1-2-5	1.98
CC-2-1-1-2-5	
CR-1-1-2-1-4	1.81
CC-1-1-2-1-4	
CR-1-1-2-2-5	1.88
CC-1-1-2-2-5	
CR-1-1-2-2-6	1.96
CC-1-1-2-2-6	
CR-2-2-1-2-5	1.85
CC-2-2-1-2-5	
CR-2-2-1-2-6	1.95
CC-2-2-1-2-6	
CR-1-2-2-2-6	1.81
CC-1-2-2-2-6	
CR-2-2-2-2-5	1.90
CC-2-2-2-2-5	
CR-2-2-2-2-6	1.99
CC-2-2-2-2-6	
CR-1-2-3-1-4	1.95
CC-1-2-3-1-4	
CR2-4-2-4-2-2a	1.43
CC2-4-2-4-2-2a	
CR2-4-2-4-2-2b	1.43
CC2-4-2-4-2-2b	
CR2-4-2-4-2-2c	1.41
CC2-4-2-4-2-2c	
CR2-4-2-4-2-2d	1.46
CC2-4-2-4-2-2d	
CR2-4-2-4-2-2e	1.46
CC2-4-2-4-2-2e	



Model Code (Picture Window)	U-Value (W/m2K)	ER Value
FP-1-1-1-1-1	1.76	22
FP-1-1-1-2-2	1.80	17
FP-1-1-2-1-1	1.77	21
FP-1-2-1-1-1	1.52	27
FP-1-2-1-2-2	1.58	22
FP-1-2-1-2-3	1.74	18
FP-2-2-1-1-1	1.84	36
FP-2-2-1-2-2	1.85	30
FP-2-2-1-2-3	1.98	27
FP-1-2-2-1-1	1.50	27
FP-1-2-2-2-2	1.64	21
FP-1-2-2-2-3	1.78	17
FP-2-2-2-1-1	1.83	37
FP-2-2-2-2-2	1.91	28
FP-1-1-1-1-4	1.74	21
FP-1-1-1-2-5	1.77	17
FP-1-1-2-1-4	1.75	21
FP-1-2-1-1-4	1.51	26
FP-1-2-1-2-5	1.57	22
FP-1-2-1-2-6	1.74	18
FP-2-2-1-1-4	1.82	34
FP-2-2-1-2-5	1.83	28
FP-2-2-1-2-6	1.98	25
FP-1-2-2-1-4	1.49	27
FP-1-2-2-2-5	1.63	20
FP-1-2-2-2-6	1.79	17
FP-2-2-2-1-4	1.81	34
FP-2-2-2-2-5	1.89	27
FP-5-2-4-1-1	1.20	28
FP-5-2-4-2-2	1.40	22
FP-6-2-4-1-1	1.23	34
FP-6-2-4-2-2	1.43	28

Model Code (Picture Window)	U-Value (W/m2K)
FP-1-1-1-2-3	1.92
FP-1-1-2-2-2	1.88
FP-1-1-2-2-3	1.99
FP-1-2-3-1-1	1.94
FP-1-1-1-2-6	1.92
FP-1-1-2-2-5	1.86
FP-1-1-2-2-6	1.98
FP-1-2-3-1-4	1.93
FP-1-2-4-1-a	1.50
FP-1-2-5-1-b	1.58
FP-3-2-5-1-c	0.98
FP-3-2-5-1-d	0.98
FP-2-2-4-1-a	1.83
FP-2-2-4-1-b	1.89
FP-4-2-4-1-1	1.20



Model Code (Picture Window)	U-Value (W/m2K)
FP-4-2-4-2-2	1.40
FP2-4-2-4-1-1	1.23
FP2-4-2-4-2-2	1.43

Model Code (Fixed Window)	U-Value (W/m2K)	ER Value
FC-1-1-1-1-1	1.79	16
FC-2-1-1-1-1	2.00	24
FC-1-2-1-1-1	1.62	20
FC-1-2-1-2-2	1.66	17
FC-1-2-1-2-3	1.77	14
FC-2-2-1-1-1	1.85	28
FC-2-2-1-2-2	1.86	23
FC-2-2-1-2-3	1.95	21
FC-1-2-2-1-1	1.61	20
FC-1-2-2-2-2	1.70	13
FC-1-2-2-2-3	1.80	13
FC-2-2-2-1-1	1.86	28
FC-2-2-2-2-2	1.91	22
FC-1-1-1-1-4	1.79	16
FC-2-1-1-1-4	1.99	22
FC-1-2-1-1-4	1.62	20
FC-1-2-1-2-5	1.65	16
FC-1-2-1-2-6	1.77	14
FC-2-2-1-1-4	1.85	26
FC-2-2-1-2-5	1.85	21
FC-1-2-2-1-4	1.61	20
FC-1-2-2-2-5	1.70	15
FC-2-2-2-1-4	1.85	26

Model Code (Fixed Window)	U-Value (W/m2K)
FC-1-1-1-2-2	1.82
FC-1-1-1-2-3	1.90
FC-2-1-1-2-2	1.99
FC-1-1-2-1-1	1.81
FC-1-1-2-2-2	1.89
FC-1-1-2-2-3	1.96
FC-2-2-1-2-3	1.95
FC-2-2-2-2-3	1.99
FC-1-2-3-1-1	1.96
FC-1-1-1-2-5	1.81
FC-1-1-1-2-6	1.90
FC-2-1-1-2-5	1.98
FC-1-1-2-1-4	1.81
FC-1-1-2-2-5	1.88
FC-1-1-2-2-6	1.96



Model Code (Fixed Window)	U-Value (W/m2K)
FC-2-2-1-2-6	1.95
FC-1-2-2-2-6	1.81
FC-2-2-2-2-5	1.90
FC-2-2-2-2-6	1.99
FC-1-2-3-1-4	1.96

Model Code (Lift and Slide)	U-Value (W/m2K)
LS-1-1-4-1-a	1.62
LS-1-1-5-1-b	1.68
LS-3-1-5-1-c	1.27
LS-1-2-4-1-a	1.78
LS-1-2-5-1-b	1.88
LS-3-2-5-1-c	1.41

Model Code (Lift and Slide)	U-Value (W/m2K)
LS-3mmSB60(0.04)-12.7Argon-3mmLowE(0.16)	1.37
LS-4mmSB60(0.04)-12.7Argon-4mmLowE(0.16)	1.37
LS-5mmSB60(0.04)-12.7Argon-5mmLowE(0.16)	1.37
LS-6mmSB60(0.04)-12.7Argon-6mmLowE(0.16)	1.36
LS-6mmSGSN68(0.04)-12.7Argon-6mmLowE(0.16)	1.36
LS-6mmSGSNX6227(0.02)-12.7Argon-6mmLowE(0.16)	1.35
LS-6mmSGSNX6227(0.02)-12.7Argon-6mmSGIS20(0.2)	1.36
LS-5mmSB70XL(0.02)-12.7Argon-6mmLowE(0.16)	1.35
UNI-W-LS-SB60-arg90-PCL-3-3,SS	1.57
UNI-W-LS-SB60-arg90-PCL-4-4,SS	1.57
UNI-W-LS-272-arg90-i89-3-3,SS	1.41
UNI-W-LS-366-arg90-i89-3-3,SS	1.40
UNI-W-LS-SB60-arg90-PCL-5-5,SS	1.63
UNI-W-LS-SB60-arg90-PCL-6-6,SS	1.63
UNI-W-LS-272-arg90-i89-5-5,SS	1.47
UNI-W-LS-272-arg90-i89-6-6,SS	1.47
UNI-W-LS-366-arg90-i89-5-5,SS	1.45
UNI-W-LS-366-arg90-i89-6-6,SS	1.45
UNI-W-LS-SB60-arg90-SB60-arg90-PCL-3-3-3,SS	1.24
UNI-W-LS-SB60-arg90-SB60-arg90-PCL-4-4-4,SS	1.24
UNI-W-LS-SB60-arg90-SB60-arg90-PCL-5-5-5,SS	1.24
UNI-W-LS-SB60-arg90-SB60-arg90-PCL-6-6-6,SS	1.24





Model Code (Dual action Window)	U-Value (W/m2K)	ER Value
TT-2-1-2-1-1-7	1.66	16
TT-2-1-2-1-2-8	1.68	13
TT-2-1-2-1-2-9	1.80	10
TT-2-1-1-1-1-7	1.80	13
TT-2-1-1-1-2-8	1.78	11
TT-2-1-1-1-2-9	1.89	8
TT-3-1-2-4-1-7	1.48	19
TT-3-1-2-4-2-8	1.51	16
TT-3-1-2-4-2-9	1.63	13
TT-3-1-1-4-1-7	1.60	16
TT-3-1-1-4-2-8	1.62	14
TT-3-1-1-4-2-9	1.72	11
TT-3-3-2-4-1-7	1.32	21
TT-3-3-2-4-2-8	1.37	18
TT-3-3-2-4-2-9	1.51	15
TT-3-3-1-4-1-7	1.44	18
TT-3-3-1-4-2-8	1.45	16
TT-3-3-1-4-2-9	1.59	13

Model Code (Inswing Door)	U-Value (W/m2K)	ER Value
ID-5-2-5-1-1	1.58	14
ID-5-2-5-1-2	1.58	13
ID-6-2-5-1-1	1.60	17
ID-6-2-5-1-2	1.60	16
ID-7-2-5-1-1	1.75	14
ID-7-2-5-1-2	1.75	12

Model Code (Outswing door)	U-Value (W/m2K)	ER Value
OD-5-2-5-1-1	1.62	13
OD-5-2-5-1-2	1.62	12
OD-6-2-5-1-1	1.63	17
OD-6-2-5-1-2	1.63	15
OD-7-2-5-1-1	1.78	14
OD-7-2-5-1-2	1.78	12



Model Code (Curtain Wall)	U-Value (W/m2K)
CW-3mmSB60(0.04)-12.7Argon-3mmLowE(0.16)	1.24
CW-4mmSB60(0.04)-12.7Argon-4mmLowE(0.16)	1.24
CW-5mmSB60(0.04)-12.7Argon-5mmLowE(0.16)	1.24
CW-6mmSB60(0.04)-12.7Argon-6mmLowE(0.16)	1.22
CW-6mmSGSN68(0.04)-12.7Argon-6mmLowE(0.16)	1.23
CW-6mmSGSNX6227(0.02)-12.7Argon-6mmLowE(0.16)	1.20
CW-6mmSGSNX6227(0.02)-12.7Argon-6mmSGIS20(0.2)	1.23
CW-5mmSB70XL(0.02)-12.7Argon-6mmLowE(0.16)	1.20
UNI-W-CW-SB60-arg90-PCL-3-3,SS	1.49
UNI-W-CW-SB60-arg90-PCL-4-4,SS	1.48
UNI-W-CW-SB60-arg90-PCL-5-5,SS	1.56
UNI-W-CW-SB60-arg90-PCL-6-6,SS	1.56
UNI-W-CW-272-arg90-i89-3-3,SS	1.24
UNI-W-CW-272-arg90-i89-5-5,SS	1.31
UNI-W-CW-272-arg90-i89-6-6,SS	1.31
UNI-W-CW-366-arg90-i89-3-3,SS	1.21
UNI-W-CW-366-arg90-i89-5-5,SS	1.29
UNI-W-CW-366-arg90-i89-6-6,SS	1.28
UNI-W-CW-SB60-arg90-SB60-arg90-PCL-3-3-3,SS	0.96
UNI-W-CW-SB60-arg90-SB60-arg90-PCL-4-4-4,SS	0.96
UNI-W-CW-SB60-arg90-SB60-arg90-PCL-5-5-5,SS	0.96
UNI-W-CW-SB60-arg90-SB60-arg90-PCL-6-6-6,SS	0.95
UNI-W-CW-272-arg90-366-arg90-272-3-3-3,SS	0.83
UNI-W-CW-272-arg90-366-arg90-272-5-5-5,SS	0.82
UNI-W-CW-272-arg90-366-arg90-272-6-5-6,SS	0.82

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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