

WINDOWS LISTING PROGRAM

Customer: Bonnechere Valley Windows Ltd.
 Class: Windows – Energy Performance
 Location: Eganville, ON
 Website: www.b-v-w.com

Listing No. W560-1
 Project No. W560-1 ED3

Effective Date: April 18, 2018
 Last Revised Date: May 12, 2021

Standards: CSA A440.2-14 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 logo with ‘c’ identifier
- c) QAI file Number: W560
- d) The wording “Evaluated for energy performance in accordance with CSA A440.2”
- e) The wording “Évalué pour la performance d’énergie en accord à la norme CSA A440.2”

Models / Ratings: 700 SERIES SINGLE HUNG

| Model Code (Glass Option) | Window U-Value (W/m ² K) | Energy Rating (ER) |
|--|-------------------------------------|--------------------|
| BV-7SH-3,CL-19AR90TG-3,8070(3) | 1.76 | 32 |
| BV-7SH-3,CL-19AR90TG-3,8070(3)-G≥1 | 1.76 | 27 |
| BV-7SH-3,CL-19AR90TG-3,8070(3)-R | 1.76 | 32 |
| BV-7SH-3,CL-19AR90TG-3,8070(3)-R-G≥1 | 1.76 | 27 |
| BV-7SH-3,8070(2)-3,CL-3,8070(5)-8AR90TG | 1.31 | 37 |
| BV-7SH-3,8070(2)-3,CL-3,8070(5)-8AR90TG-G≥1 | 1.36 | 31 |
| BV-7SH-3,8070(2)-3,CL-3,8070(5)-8AR90TG-R | 1.31 | 37 |
| BV-7SH-3,8070(2)-3,CL-3,8070(5)-8AR90TG-R-G≥1 | 1.36 | 31 |
| BV-7SH-3,8070(2)-3,8070(4)-3,IS20(6)-8AR90TG | 1.19 | 39 |
| BV-7SH-3,8070(2)-3,8070(4)-3,IS20(6)-8AR90TG-G≥1 | 1.25 | 32 |
| BV-7SH-3,8070(2)-3,8070(4)-3,IS20(6)-8AR90TG-R | 1.19 | 39 |
| BV-7SH-3,8070(2)-3,8070(4)-3,IS20(6)-8AR90TG-R-G≥1 | 1.25 | 32 |

700 SERIES SINGLE SLIDER LIFT-OUT

| Model Code (Glass Option) | Window U-Value (W/m ² K) | Energy Rating (ER) |
|---|-------------------------------------|--------------------|
| BV-7SSL-3,CL-19AR90TG-3,8070(3) | 1.76 | 33 |
| BV-7SSL-3,CL-19AR90TG-3,8070(3)-G≥1 | 1.76 | 26 |
| BV-7SSL-3,CL-19AR90TG-3,8070(3)-R | 1.76 | 33 |
| BV-7SSL-3,CL-3,8070(3)-19AR90TG-R-G≥1 | 1.76 | 26 |
| BV-7SSL-3,8070(2)-3,CL-3,8070(5)-8AR90TG | 1.31 | 37 |
| BV-7SSL-3,8070(2)-3,CL-3,8070(5)-8AR90TG-G≥1 | 1.36 | 31 |
| BV-7SSL-3,8070(2)-3,CL-8AR90TG-3,8070(5)-R | 1.31 | 37 |
| BV-7SSL-3,8070(2)-3,CL-3,8070(5)-8AR90TG-R-G≥1 | 1.36 | 31 |
| BV-7SSL-3,8070(2)-3,8070(4)-3,IS20(6)-8AR90TG | 1.19 | 38 |
| BV-7SSL-3,8070(2)-3,8070(4)-3,IS20(6)-8AR90TG-G≥1 | 1.25 | 32 |
| BV-7SSL-3,8070(2)-3,8070(4)-3,IS20(6)-8AR90TG-R | 1.19 | 38 |
| BV-7SSL-3,8070(2)-3,8070(4)-3,IS20(6)-8AR90TG-R-G≥1 | 1.25 | 32 |

700 SERIES DOUBLE HUNG

| Model Code (Glass Option) | Window U-Value (W/m ² K) | Energy Rating (ER) |
|--|-------------------------------------|--------------------|
| BV-7DH-3,CL-19AR90TG-3,8070(3) | 1.70 | 32 |
| BV-7DH-3,CL-19AR90TG-3,8070(3)-G≥1 | 1.70 | 26 |
| BV-7DH-3,CL-19AR90TG-3,8070(3)-R | 1.70 | 32 |
| BV-7DH-3,CL-19AR90TG-3,8070(3)-R-G≥1 | 1.70 | 26 |
| BV-7DH-3,8070(2)-3,CL-3,8070(5)-8AR90TG | 1.31 | 35 |
| BV-7DH-3,8070(2)-3,CL-3,8070(5)-8AR90TG-G≥1 | 1.36 | 34 |
| BV-7DH-3,8070(2)-3,CL-3,8070(5)-8AR90TG-R | 1.31 | 35 |
| BV-7DH-3,8070(2)-3,CL-3,8070(5)-8AR90TG-R-G≥1 | 1.36 | 34 |
| BV-7DH-3,8070(2)-3,8070(4)-3,IS20(6)-8AR90TG | 1.19 | 37 |
| BV-7DH-3,8070(2)-3,8070(4)-3,IS20(6)-8AR90TG-G≥1 | 1.25 | 36 |
| BV-7DH-3,8070(2)-3,8070(4)-3,IS20(6)-8AR90TG-R | 1.19 | 37 |
| BV-7DH-3,8070(2)-3,8070(4)-3,IS20(6)-8AR90TG-R-G≥1 | 1.25 | 36 |

700 SERIES DOUBLE SLIDER LIFT-OUT

| Model Code (Glass Option) | Window U-Value (W/m ² K) | Energy Rating (ER) |
|---|-------------------------------------|--------------------|
| BV-7DSL-3,CL-19AR90TG-3,8070(3) | 1.76 | 32 |
| BV-7DSL-3,CL-19AR90TG-3,8070(3)-G≥1 | 1.76 | 26 |
| BV-7DSL-3,CL-19AR90TG-3,8070(3)-R | 1.76 | 32 |
| BV-7DSL-3,CL-19AR90TG-3,8070(3)-R-G≥1 | 1.76 | 26 |
| BV-7DSL-3,8070(2)-3,CL-3,8070(5)-8AR90TG | 1.31 | 37 |
| BV-7DSL-3,8070(2)-3,CL-3,8070(5)-8AR90TG-G≥1 | 1.36 | 31 |
| BV-7DSL-3,8070(2)-3,CL-3,8070(5)-8AR90TG-R | 1.31 | 37 |
| BV-7DSL-3,8070(2)-3,CL-3,8070(5)-8AR90TG-R-G≥1 | 1.36 | 31 |
| BV-7DSL-3,8070(2)-3,8070(4)-3,IS20(6)-8AR90TG | 1.19 | 38 |
| BV-7DSL-3,8070(2)-3,8070(4)-3,IS20(6)-8AR90TG-G≥1 | 1.25 | 32 |
| BV-7DSL-3,8070(2)-3,8070(4)-3,IS20(6)-8AR90TG-R | 1.19 | 38 |
| BV-7DSL-3,8070(2)-3,8070(4)-3,IS20(6)-8AR90TG-R-G≥1 | 1.25 | 32 |

1400 SERIES CASEMENT WINDOW

| Model Code (Glass Option) | Window U-Value (W/m ² K) | Energy Rating (ER) |
|--|-------------------------------------|--------------------|
| BV-14CA-3,CL-19AR90TG-3,8070(3) | 1.59 | 30 |
| BV-14CA-3,CL-19AR90TG-3,8070(3)-G≥1 | 1.59 | 25 |
| BV-14CA-3,8070(2)-3,CL-3,8070(5)-13AR90TG | 1.08 | 37 |
| BV-14CA-3,8070(2)-3,CL-3,8070(5)-13AR90TG-G≥1 | 1.08 | 33 |
| BV-14CA-3,8070(2)-3,8070(4)-3,IS20(6)-13AR90TG | 1.02 | 37 |
| BV-14CA-3,8070(2)-3,8070(4)-3,IS20(6)-13AR90TG-G≥1 | 1.02 | 33 |

1400 SERIES FIXED LARGE PICTURE WINDOW

| Model Code (Glass Option) | Window U-Value (W/m ² K) | Energy Rating (ER) |
|---|-------------------------------------|--------------------|
| BV-14FC-3,CL-19AR90TG-3,8070(3) | 1.61 | 35 |
| BV-14FC-3,CL-19AR90TG-3,8070(3)-G<1 | 1.61 | 32 |
| BV-14FC-3,8070(2)-3,CL-3,8070(5)-13AR90TG | 1.00 | 44 |
| BV-14FC-3,8070(2)-3,CL-3,8070(5)-13AR90TG-G<1 | 1.00 | 41 |
| BV-14FC-3,8070(2)-3,CL-3,IS20(6)-13AR90TG | 1.11 | 41 |
| BV-14FC-3,8070(2)-3,CL-3,IS20(6)-13AR90TG-G<1 | 1.11 | 39 |

1400 SERIES FIXED SMALL PICTURE WINDOW

| Model Code (Glass Option) | Window U-Value (W/m ² K) | Energy Rating (ER) |
|---|-------------------------------------|--------------------|
| BV-14PC-3,CL-19AR90TG-3,8070(3) | 1.63 | 39 |
| BV-14PC-3,CL-19AR90TG-3,8070(3)-G<1 | 1.63 | 36 |
| BV-14PC-3,8070(2)-3,CL-3,8070(5)-13AR90TG | 0.94 | 48 |
| BV-14PC-3,8070(2)-3,CL-3,8070(5)-13AR90TG-G<1 | 0.94 | 45 |
| BV-14PC-3,8070(2)-3,CL-3,IS20(6)-13AR90TG | 1.06 | 46 |
| BV-14PC-3,8070(2)-3,CL-3,IS20(6)-13AR90TG-G<1 | 1.06 | 43 |

1400 SERIES AWNING WINDOW

| Model Code (Glass Option) | Window U-Value (W/m ² K) | Energy Rating (ER) |
|---|-------------------------------------|--------------------|
| BV-14AW-3,CL-19AR90TG-3,8070(3) | 1.58 | 31 |
| BV-14AW-3,CL-19AR90TG-3,8070(3)-G<1 | 1.58 | 28 |
| BV-14AW-3,8070(2)-3,CL-3,8070(5)-13AR90TG | 1.07 | 37 |
| BV-14AW-3,8070(2)-3,CL-3,8070(5)-13AR90TG-G<1 | 1.07 | 35 |
| BV-14AW-3,8070(2)-3,CL-3,IS20(6)-13AR90TG | 1.17 | 36 |
| BV-14AW-3,8070(2)-3,CL-3,IS20(6)-13AR90TG-G<1 | 1.17 | 33 |



4500 SERIES TILT & TURN WINDOW

| Model Code (Glass Option) | Window U-Value (W/m ² K) | Energy Rating (ER) |
|--|-------------------------------------|--------------------|
| BV-14TT-3,CL-19AR90TG-3,8070(3) | 1.65 | 32 |
| BV-14TT-3,CL-19AR90TG-3,8070(3)-G≥1 | 1.65 | 25 |
| BV-14TT-3,8070(2)-3,CL-3,8070(5)-13AR90TG | 1.08 | 39 |
| BV-14TT-3,8070(2)-3,CL-3,8070(5)-13AR90TG-G≥1 | 1.08 | 34 |
| BV-14TT-3,8070(2)-3,8070(4)-3,IS20(6)-13AR90TG | 1.02 | 40 |
| BV-14TT-3,8070(2)-3,8070(4)-3,IS20(6)-13AR90TG-G≥1 | 1.02 | 35 |

4500 SERIES FIXED TILT & TURN WINDOW

| Model Code (Glass Option) | Window U-Value (W/m ² K) | Energy Rating (ER) |
|--|-------------------------------------|--------------------|
| BV-14FT-3,CL-19AR90TG-3,8070(3) | 1.65 | 37 |
| BV-14FT-3,CL-19AR90TG-3,8070(3)-G≥1 | 1.65 | 30 |
| BV-14FT-3,8070(2)-3,CL-3,8070(5)-13AR90TG | 0.97 | 46 |
| BV-14FT-3,8070(2)-3,CL-3,8070(5)-13AR90TG-G≥1 | 0.97 | 41 |
| BV-14FT-3,8070(2)-3,8070(4)-3,IS20(6)-13AR90TG | 0.91 | 46 |
| BV-14FT-3,8070(2)-3,8070(4)-3,IS20(6)-13AR90TG-G≥1 | 0.91 | 41 |

S-3000 SERIES CASEMENT WINDOW

| Model Code (Glass Option) | Window U-Value (W/m ² K) | Energy Rating (ER) |
|--|-------------------------------------|--------------------|
| BV-S3KCA-3,CL-20AR90TG-3,8070(3) | 1.60 | 31 |
| BV-S3KCA-3,CL-20AR90TG-3,8070(3)-G≥1 | 1.60 | 28 |
| BV-S3KCA-3,8070(2)-3,CL-3,8070(5)-13AR90TG | 1.06 | 38 |
| BV-S3KCA-3,8070(2)-3,CL-3,8070(5)-13AR90TG-G≥1 | 1.06 | 36 |
| BV-S3KCA-3,6227(2)-3,CL-3,6227(5)-13AR95TG | 0.99 | 26 |
| BV-S3KCA-3,6227(2)-3,CL-3,6227(5)-13AR95TG-G≥1 | 0.99 | 26 |

S-3050 SERIES AWNING WINDOW

| Model Code (Glass Option) | Window U-Value (W/m ² K) | Energy Rating (ER) |
|--|-------------------------------------|--------------------|
| BV-S3KAW-3,CL-20AR90TG-3,8070(3) | 1.61 | 31 |
| BV-S3KAW-3,CL-20AR90TG-3,8070(3)-G≥1 | 1.61 | 28 |
| BV-S3KAW-3,8070(2)-3,CL-3,8070(5)-13AR90TG | 1.06 | 38 |
| BV-S3KAW-3,8070(2)-3,CL-3,8070(5)-13AR90TG-G≥1 | 1.06 | 36 |

S-3100 SERIES FIXED CASEMENT WINDOW

| Model Code (Glass Option) | Window U-Value (W/m ² K) | Energy Rating (ER) |
|--|-------------------------------------|--------------------|
| BV-S3KFC-3,CL-20AR90TG-3,8070(3) | 1.58 | 37 |
| BV-S3KFC-3,CL-20AR90TG-3,8070(3)-G≥1 | 1.58 | 33 |
| BV-S3KFC-3,8070(2)-3,CL-3,8070(5)-13AR90TG | 0.96 | 45 |
| BV-S3KFC-3,8070(2)-3,CL-3,8070(5)-13AR90TG-G≥1 | 0.96 | 42 |

S-3200 SERIES PICTURE WINDOW

| Model Code (Glass Option) | Window U-Value (W/m ² K) | Energy Rating (ER) |
|--|-------------------------------------|--------------------|
| BV-S3KPC-3,CL-20AR90TG-3,8070(3) | 1.62 | 40 |
| BV-S3KPC-3,CL-20AR90TG-3,8070(3)-G≥1 | 1.62 | 36 |
| BV-S3KPC-3,8070(2)-3,CL-3,8070(5)-13AR90TG | 0.91 | 49 |
| BV-S3KPC-3,8070(2)-3,CL-3,8070(5)-13AR90TG-G≥1 | 0.91 | 47 |

S-6300 SERIES TILT AND TURN WINDOW

| Model Code (Glass Option) | Window U-Value (W/m ² K) | Energy Rating (ER) |
|---|-------------------------------------|--------------------|
| BV-S6KTT-3,CL-20AR90TG-3,8070(3) | 1.55 | 33 |
| BV-S6KTT-3,CL-20AR90TG-3,8070(3)-G≥1 | 1.55 | 30 |
| BV-S6KTT-3,8070(2)-3,CL-3,8070(5)-13AR90TG | 1.02 | 40 |
| BV-S6KTT-3,8070(2)-3,CL-3,8070(5)-13AR90TG-G≥1 | 1.02 | 37 |
| BV-S6KTT-3,8070(2)-3,8070(4)-3,IS20(6)-13AR90TG | 0.95 | 40 |
| BV-S6KTT-3,8070(2)-3,8070(4)-3,IS20(6)-13AR90TG-G≥1 | 0.95 | 38 |

S-6300 SERIES FIXED TILT AND TURN WINDOW

| Model Code (Glass Option) | Window U-Value (W/m ² K) | Energy Rating (ER) |
|---|-------------------------------------|--------------------|
| BV-S6300-FT-3,CL-3,8071(3)-20AR95TG | 1.56 | 39 |
| BV-S6300-FT-3,CL-3,8071(3)-20AR95TG-G≥1 | 1.56 | 35 |
| BV-S6300-FT-3,8071(2)-3,CL-3,8071(5)-13AR95TG | 0.92 | 47 |
| BV-S6300-FT-3,8071(2)-3,CL-3,8071(5)-13AR95TG-G≥1 | 0.92 | 44 |

S-3400 SERIES SINGLE SLIDER WINDOW

| Model Code (Glass Option) | Window U-Value (W/m ² K) | Energy Rating (ER) |
|---|-------------------------------------|--------------------|
| BV-S3400-SS-3,CL-3,8071(3)-16AR95TG | 1.65 | 34 |
| BV-S3400-SS-3,CL-3,8071(3)-16AR95TG-G≥1 | 1.65 | 32 |

S-3450 SERIES SINGLE HUNG WINDOW

| Model Code (Glass Option) | Window U-Value (W/m ² K) | Energy Rating (ER) |
|---|-------------------------------------|--------------------|
| BV-S3450-SH-3,CL-3,8071(3)-16AR95TG | 1.65 | 34 |
| BV-S3450-SH-3,CL-3,8071(3)-16AR95TG-G≥1 | 1.65 | 31 |

S-3505 SERIES DOUBLE SLIDER WINDOW

| Model Code (Glass Option) | Window U-Value (W/m ² K) | Energy Rating (ER) |
|---|-------------------------------------|--------------------|
| BV-S3505-DS-3,CL-3,8071(3)-16AR95TG | 1.67 | 33 |
| BV-S3505-DS-3,CL-3,8071(3)-16AR95TG-G≥1 | 1.67 | 29 |

S-3555 SERIES DOUBLE SLIDER WINDOW

| Model Code (Glass Option) | Window U-Value (W/m ² K) | Energy Rating (ER) |
|---|-------------------------------------|--------------------|
| BV-S3555-DH-3,CL-3,8071(3)-16AR95TG | 1.67 | 32 |
| BV-S3555-DH-3,CL-3,8071(3)-16AR95TG-G≥1 | 1.67 | 29 |

Notes:

Listed products meet the energy requirements of the standards listed above. 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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