



**NORTH STAR**  
WINDOWS & DOORS

# Canada Greener Homes Grant

## Windows & Doors (Consumer Information)

On May 27th, 2021 the Federal Government launched the Canada Greener Homes Grant.

The program offers Canadians up to \$5,000 for making energy-efficient improvements to their homes such as replacement windows and doors. Energy-efficient upgrades not only make your home more comfortable to live in, they lower your monthly energy costs and help fight climate change.

### Steps to plan your home retrofits:

**Step 1:** [Learn more about the program and how to qualify for the grant.](#)

**Step 2:** [Register and book your pre-retrofit evaluation or call 1-833-674-8282.](#)

**Step 3:** [Plan, document and complete your home retrofits.](#)

**Step 4:** [Book your post-retrofit evaluation and apply for reimbursement.](#)

**Step 5:** [Receive your reimbursement!](#)

**Participants are eligible for up to \$5,600 total under the initiative, with \$5,000 for your retrofit project and up to \$600 in pre- and post-retrofit EnerGuide evaluations.**

## Who is Eligible for the Greener Homes Initiative?

**Eligible primary residences include the following:**

- Townhomes
- All-season cottages
- Single & semi-detached houses
- Mobile homes on a permanent foundation
- Permanently moored floating homes
- Small multi-unit residential buildings (3 storeys or less with a footprint of 600m<sup>2</sup> or less)
- Residential portions of mixed-use buildings (except multi-units over 3 storeys or over 600m<sup>2</sup>)



## Canada Greener Homes Grant

### Windows & Doors (Consumer Information)

#### Eligibility Requirements

Windows and doors are eligible for reimbursement when they meet or exceed the approved energy ratings and U-factors provided by the government.

**To be eligible for \$125 per rough opening, your retrofits must:**

- Be replaced with windows or sliding glass doors with ENERGY STAR certified models with a:
  - U-Factor of 1.22W/m<sup>2</sup>K or less OR
  - Energy Rating > 34

**To be eligible for \$250 per rough opening, your retrofits must:**

- Be replaced with windows or sliding glass doors with ENERGY STAR Most Efficient certified models with a:
  - U-Factor of 1.05 W/m<sup>2</sup>K or less OR
  - Energy Rating > 40

**To be eligible for \$125 per rough opening, your retrofits must:**

- Be replaced with hinged doors, with or without sidelites or transoms, with ENERGY STAR certified models with a:
  - U-Factor < 1.22 W/m<sup>2</sup>K OR
  - Energy Rating > 34

#### Important Information

- Homeowners must apply for their pre-retrofit evaluation before commencing work from any contractor.
- Homeowners must retain all receipts from their pre- and post-retrofit evaluations, as well as invoices for products purchased and installation.
- When purchasing windows – the homeowner must retain all ENERGY STAR stickers for their post-retrofit evaluation.
- The maximum allotted grant is up to \$5,600. \$5,000 for eligible retrofits, and up to \$600 for the cost of pre- and post-retrofit EnerGuide evaluations.
- Homeowners must pay upfront for their EnerGuide evaluation.
- Homeowners can stack grant funding with other retrofit grant programs. Participants will be required to declare funding or rebates they've received. Homeowners will not be reimbursed for more than 100% of the total investment made on each eligible retrofit measure.

# Canada Greener Homes Grant

To qualify for the Canada Greener Homes grant, you must purchase **ENERGY STAR** certified products.

## ENERGY STAR® - Canada

Windows and Doors may comply for Canada's Energy Star® program based on two compliance paths; the products U-factor total, or the products Energy Rating (ER).

**The ER is based on a product's overall performance with the following three criteria's:**

- Solar heat gain.
- Heat loss through the frame, spacer and glass.
- Air leakage loss.

The higher the ER number, the better the product's thermal performance.

**The U-factor and ER Criteria for Canada are Shown Below.**

U-factor Criteria for Residential Windows & Doors

Product	Maximum U-factor W/m <sup>2</sup> K	Maximum U-factor Btu/h-ft <sup>2</sup> -F
Windows & Doors	1.22	0.21

Alternate ER Criteria for Residential Windows & Doors

Product	Maximum ER (unitless)
Windows & Doors	34

*(the values above were obtained from the NRCAN website on January 1st, 2020)*

## ENERGY STAR Most Efficient® - Canada

**Energy Star Canada created a "Most Efficient" criteria for additional energy savings.**

**To qualify for this criteria models must have:**

- U-factor of 1.05 W/m<sup>2</sup> (0.18 Btu/h.ft<sup>2</sup>) or lower, or:
- ER of 40 or higher.

For more detailed information about the ER system and North Star products that qualify for Canada's Energy Star® program, visit the [ENERGY STAR® website](#).

## 1071 – Picture Window (No Sash) Energy Rating

Model	Glazing Layers	Grid	Low-E	Gap Fill	U- Factor (M)	U-factor (IMP)	ER	ENERGY STAR	ENERGY STAR Most Efficient	NRCan Reference
Clear-LoE	Double	no	3	Air	1.87	0.33	38	Yes	-	NR5688-21360971-E55
Clear-LoE	Double	Yes	3	Air	1.87	0.33	34	Yes	-	NR5688-21360974-E55
Clear-LoE	Double	Yes	3	Argon	1.7	0.3	37	Yes	-	NR5688-21360980-E55
Clear-LoE	Double	Yes	3	Blend	1.7	0.3	38	Yes	-	NR5688-21360986-E55
Clear-LoE	Double	no	3	Argon	1.7	0.3	41	Yes	Yes	NR5688-21360977-E55
Clear-LoE	Double	no	3	Blend	1.7	0.3	41	Yes	Yes	NR5688-21360983-E55
LoE-LoE	Double	no	2&4	Argon	1.36	0.24	44	Yes	Yes	NR5688-21360989-E55
LoE-LoE	Double	Yes	2&4	Argon	1.36	0.24	40	Yes	Yes	NR5688-21360990-E55
LoE-LoE	Double	no	2&4	Blend	1.36	0.24	44	Yes	Yes	NR5688-21360991-E55
LoE-LoE	Double	Yes	2&4	Blend	1.36	0.24	40	Yes	Yes	NR5688-21360992-E55
366-Clear-Clear	Triple	no	2	Argon	1.19	0.21	27	Yes	-	NR5688-21360993-E55
366-Clear-Clear	Triple	no	2	Blend	1.19	0.21	27	Yes	-	NR5688-21360995-E55
366-Clear-Clear	Triple	Yes	2	krypton	1.08	0.19	28	Yes	-	NR5688-21360998-E55
366-Clear-Clear	Triple	no	2	krypton	1.02	0.18	30	Yes	Yes	NR5688-21360997-E55
Clear-Clear-LoE	Triple	no	5	Argon	1.36	0.24	45	Yes	Yes	NR5688-21361013-E55
Clear-Clear-LoE	Triple	Yes	5	Argon	1.36	0.24	42	Yes	Yes	NR5688-21361016-E55
Clear-Clear-LoE	Triple	no	5	Blend	1.31	0.23	47	Yes	Yes	NR5688-21361019-E55
Clear-Clear-LoE	Triple	Yes	5	Blend	1.31	0.23	43	Yes	Yes	NR5688-21361022-E55
Clear-Clear-LoE	Triple	no	5	krypton	1.14	0.2	50	Yes	Yes	NR5688-21361025-E55
Clear-Clear-LoE	Triple	Yes	5	krypton	1.19	0.21	46	Yes	Yes	NR5688-21361028-E55
Clear-LoE-LoE	Triple	Yes	3&5	Blend	1.14	0.2	45	Yes	Yes	NR5688-21361040-E55
Clear-LoE-LoE	Triple	no	3&5	Argon	1.14	0.2	49	Yes	Yes	NR5688-21361031-E55
Clear-LoE-LoE	Triple	Yes	3&5	Argon	1.14	0.2	45	Yes	Yes	NR5688-21361034-E55
Clear-LoE-LoE	Triple	no	3&5	Blend	1.08	0.19	50	Yes	Yes	NR5688-21361037-E55
Clear-LoE-LoE	Triple	no	3&5	krypton	0.91	0.16	54	Yes	Yes	NR5688-21361043-E55
Clear-LoE-LoE	Triple	Yes	3&5	krypton	0.97	0.17	49	Yes	Yes	NR5688-21361046-E55

## 1072 – Picture Window (With Sash) Energy Rating

Model	Glazing Layers	Grid	Low-E	Gap Fill	U- Factor (M)	U-factor (IMP)	ER	ENERGY STAR	ES Most Efficient	NRCan Reference
Clear-LoE	Double	no	3	Argon	1.7	0.3	37	Yes	-	NR5688-21361218-E55
Clear-LoE	Double	no	3	Blend	1.7	0.3	37	Yes	-	NR5688-21361274-E55
LoE-LoE	Double	no	2&4	Argon	1.42	0.25	38	Yes	-	NR5688-21361230-E55
LoE-LoE	Double	no	2&4	Blend	1.42	0.25	38	Yes	-	NR5688-21361232-E55
LoE-LoE	Double	Yes	2&4	Argon	1.42	0.25	35	Yes	-	NR5688-21361231-E55
LoE-LoE	Double	Yes	2&4	Blend	1.42	0.25	35	Yes	-	NR5688-21361233-E55
366-Clear-Clear	Triple	no	2	Blend	1.19	0.21	25	Yes	-	NR5688-21361236-E55
366-Clear-Clear	Triple	no	2	krypton	1.08	0.19	28	Yes	-	NR5688-21361238-E55
366-Clear-Clear	Triple	Yes	2	krypton	1.14	0.2	25	Yes	-	NR5688-21361239-E55
Clear-Clear-LoE	Triple	no	5	Argon	1.36	0.24	41	Yes	Yes	NR5688-21361254-E55
Clear-Clear-LoE	Triple	no	5	Blend	1.31	0.23	43	Yes	Yes	NR5688-21361260-E55
Clear-Clear-LoE	Triple	no	5	krypton	1.19	0.21	45	Yes	Yes	NR5688-21361266-E55
Clear-Clear-LoE	Triple	Yes	5	Argon	1.36	0.24	39	Yes	-	NR5688-21361257-E55
Clear-Clear-LoE	Triple	Yes	5	Blend	1.36	0.24	39	Yes	-	NR5688-21361263-E55
Clear-Clear-LoE	Triple	Yes	5	krypton	1.19	0.21	42	Yes	Yes	NR5688-21361269-E55
Clear-LoE-LoE	Triple	no	3&5	Argon	1.14	0.2	44	Yes	Yes	NR5688-21361272-E55
Clear-LoE-LoE	Triple	no	3&5	Blend	1.14	0.2	44	Yes	Yes	NR5688-21361278-E55
Clear-LoE-LoE	Triple	no	3&5	krypton	0.97	0.17	48	Yes	Yes	NR5688-21361284-E55
Clear-LoE-LoE	Triple	Yes	3&5	Argon	1.19	0.21	41	Yes	Yes	NR5688-21361275-E55
Clear-LoE-LoE	Triple	Yes	3&5	Blend	1.14	0.2	42	Yes	Yes	NR5688-21361281-E55
Clear-LoE-LoE	Triple	Yes	3&5	krypton	1.02	0.18	44	Yes	Yes	NR5688-21361287-E55

## 1171 – Casement Window Energy Rating

Model	Glazing Layers	Grid	Low-E	Gap Fill	U-Factor (M)	U-factor (IMP)	ER	ENERGY STAR	ENERGY STAR Most Efficient	NRCan Reference
Clear(O)-LoE	Double	no	3	Argon	1.65	0.29	34	Yes	-	NR5688-34954302-ESS
Clear(O)-LoE	Double	no	3	Blend	1.65	0.29	34	Yes	-	NR5688-34954300-ESS
LoE-LoE	Double	no	2&4	Argon	1.42	0.25	34	Yes	-	NR5688-21361140-ESS
LoE-LoE	Double	no	2&4	Blend	1.42	0.25	34	Yes	-	NR5688-21361142-ESS
366-Clear-Clear	Triple	no	2	Blend	1.19	0.21	23	Yes	-	NR5688-21361146-ESS
366-Clear-Clear	Triple	no	2	krypton	1.14	0.2	24	Yes	-	NR5688-21361148-ESS
Clear-Clear-LoE	Triple	no	5	Argon	1.31	0.23	37	Yes	-	NR5688-21361164-ESS
Clear-Clear-LoE	Triple	no	5	Blend	1.31	0.23	37	Yes	-	NR5688-21361170-ESS
Clear-Clear-LoE	Triple	no	5	krypton	1.19	0.21	40	Yes	Yes	NR5688-21361176-ESS
Clear-Clear-LoE	Triple	Yes	5	Argon	1.36	0.24	34	Yes	-	NR5688-21361167-ESS
Clear-Clear-LoE	Triple	Yes	5	Blend	1.31	0.23	35	Yes	-	NR5688-21361173-ESS
Clear-Clear-LoE	Triple	Yes	5	krypton	1.19	0.21	38	Yes	-	NR5688-21361179-ESS
Clear-LoE-LoE	Triple	no	3&5	Argon	1.14	0.2	40	Yes	Yes	NR5688-21361182-ESS
Clear-LoE-LoE	Triple	no	3&5	Blend	1.14	0.2	40	Yes	Yes	NR5688-21361188-ESS
Clear-LoE-LoE	Triple	no	3&5	krypton	1.02	0.18	42	Yes	Yes	NR5688-21361194-ESS
Clear-LoE-LoE	Triple	Yes	3&5	Argon	1.19	0.21	36	Yes	-	NR5688-21361185-ESS
Clear-LoE-LoE	Triple	Yes	3&5	Blend	1.14	0.2	38	Yes	-	NR5688-21361191-ESS
Clear-LoE-LoE	Triple	Yes	3&5	krypton	1.02	0.18	40	Yes	Yes	NR5688-21361197-ESS

## 1173 – Awning Window Energy Rating

Model	Glazing Layers	Grid	Low-E	Gap Fill	U-Factor (M)	U-factor (IMP)	ER	ENERGY STAR	ENERGY STAR Most Efficient	NRCan Reference
LoE-LoE	Double	no	2&4	Argon	1.42	0.25	34	Yes	-	NR5688-21361503-ESS
LoE-LoE	Double	no	2&4	Blend	1.42	0.25	34	Yes	-	NR5688-21361505-ESS
Clear(O)-LoE	Double	no	3	Blend	1.65	0.29	34	Yes	-	NR5688-34954306-ESS
Clear(O)-LoE	Double	no	3	Argon	1.65	0.29	34	Yes	-	NR5688-34954308-ESS
366-Clear-Clear	Triple	no	2	krypton	1.14	0.2	24	Yes	-	NR5688-21361511-ESS
366-Clear-Clear	Triple	Yes	2	krypton	1.14	0.2	24	Yes	-	NR5688-21361512-ESS
Clear-Clear-LoE	Triple	no	5	Argon	1.36	0.24	36	Yes	-	NR5688-21361527-ESS
Clear-Clear-LoE	Triple	Yes	5	Argon	1.36	0.24	34	Yes	-	NR5688-21361530-ESS
Clear-Clear-LoE	Triple	no	5	Blend	1.31	0.23	37	Yes	-	NR5688-21361533-ESS
Clear-Clear-LoE	Triple	Yes	5	Blend	1.31	0.23	35	Yes	-	NR5688-21361536-ESS
Clear-Clear-LoE	Triple	no	5	krypton	1.19	0.21	40	Yes	Yes	NR5688-21361539-ESS
Clear-Clear-LoE	Triple	Yes	5	krypton	1.19	0.21	38	Yes	-	NR5688-21361542-ESS
Clear-LoE-LoE	Triple	Yes	3&5	Blend	1.14	0.2	38	Yes	-	NR5688-20904064-ESS
Clear-LoE-LoE	Triple	no	3&5	Argon	1.19	0.21	39	Yes	-	NR5688-21361545-ESS
Clear-LoE-LoE	Triple	Yes	3&5	Argon	1.19	0.21	37	Yes	-	NR5688-21361548-ESS
Clear-LoE-LoE	Triple	no	3&5	Blend	1.14	0.2	40	Yes	Yes	NR5688-21361551-ESS
Clear-LoE-LoE	Triple	Yes	3&5	Blend	1.14	0.2	38	Yes	-	NR5688-21361554-ESS
Clear-LoE-LoE	Triple	no	3&5	krypton	1.02	0.18	43	Yes	Yes	NR5688-21361557-ESS

## 1271 – Double Hung Tilt Window Energy Rating

Model	Glazing Layers	Grid	Low-E	Gap Fill	U- Factor (M)	U-factor (IMP)	ER	ENERGY STAR	ENERGY STAR Most Efficient	NRCan Reference
Clear-Clear-LoE	Triple	no	5	krypton	1.42	0.25	37	Yes	-	NR5688-21361462-E55
Clear-LoE-LoE	Triple	no	3&5	Argon	1.48	0.26	34	Yes	-	NR5688-21361465-E55
Clear-LoE-LoE	Triple	no	3&5	Blend	1.42	0.25	35	Yes	-	NR5688-21361468-E55
Clear-LoE-LoE	Triple	no	3&5	krypton	1.19	0.21	40	Yes	Yes	NR5688-21361471-E55
LoE-LoE	Double	no	2&4	Argon	1.48	0.26	35	Yes	-	NR5688-21361442-E55
LoE-LoE	Double	no	2&4	Blend	1.48	0.26	35	Yes	-	NR5688-21361444-E55
Clear(O)-LoE	Double	no	3	Argon	1.76	0.31	34	Yes	-	NR5688-35314117-E55
Clear(O)-LoE	Double	no	3	Blend	1.76	0.31	34	Yes	-	NR5688-35314116-E55

## 1272 – Double Slider Tilt Window Energy Rating

Model	Glazing Layers	Grid	Low-E	Gap Fill	U- Factor (M)	U-factor (IMP)	ER	ENERGY STAR	ENERGY STAR Most Efficient	NRCan Reference
Clear(O)-LoE	Double	no	3	Argon	1.76	0.31	34	Yes	-	NR5688-34954314-E55
Clear(O)-LoE	Double	no	3	Blend	1.76	0.31	34	Yes	-	NR5688-34954312-E55
Clear-Clear-LoE	Triple	no	5	krypton	1.42	0.25	37	Yes	-	NR5688-21361401-E55
Clear-LoE-LoE	Triple	no	3&5	krypton	1.25	0.22	39	Yes	-	NR5688-21361410-E55
Clear-LoE-LoE	Triple	no	3&5	Argon	1.48	0.26	34	Yes	-	NR5688-21361404-E55
Clear-LoE-LoE	Triple	no	3&5	Blend	1.48	0.26	34	Yes	-	NR5688-21361407-E55
LoE-LoE	Double	no	2&4	Argon	1.48	0.26	35	Yes	-	NR5688-21361381-E55
LoE-LoE	Double	no	2&4	Blend	1.48	0.26	35	Yes	-	NR5688-21361383-E55

## 1273 – Double Slider Liftout Window Energy Rating

Model	Glazing Layers	Grid	Low-E	Gap Fill	U- Factor (M)	U-factor (IMP)	ER	ENERGY STAR	ENERGY STAR Most Efficient	NRCan Reference
Clear-Clear-LoE	Triple	no	5	krypton	1.42	0.25	37	Yes	-	NR5688-21361677-E55
Clear-LoE-LoE	Triple	no	3&5	Argon	1.48	0.26	34	Yes	-	NR5688-21361680-E55
Clear-LoE-LoE	Triple	no	3&5	Blend	1.42	0.25	35	Yes	-	NR5688-21361683-E55
Clear-LoE-LoE	Triple	no	3&5	krypton	1.25	0.22	39	Yes	-	NR5688-21361686-E55
LoE-LoE	Double	no	2&4	Argon	1.48	0.26	34	Yes	-	NR5688-21361657-E55
LoE-LoE	Double	no	2&4	Blend	1.48	0.26	35	Yes	-	NR5688-21361659-E55
Clear(O)-LoE	Double	no	3	Argon	1.76	0.31	34	Yes	-	NR5688-34954320-E55
Clear(O)-LoE	Double	no	3	Blend	1.76	0.31	34	Yes	-	NR5688-34954318-E55

## 1371 – Single Hung Tilt Window Energy Rating

Model	Glazing Layers	Grid	Low-E	Gap Fill	U- Factor (M)	U-factor (IMP)	ER	ENERGY STAR	ENERGY STAR Most Efficient	NRCan Reference
Clear-LoE	Double	no	3	Argon	1.76	0.31	34	Yes	-	NR5688-21361067-E55
Clear-LoE	Double	no	3	Blend	1.76	0.31	34	Yes	-	NR5688-21361073-E55
LoE-LoE	Double	no	2&4	Argon	1.48	0.26	36	Yes	-	NR5688-21361079-E55
LoE-LoE	Double	no	2&4	Blend	1.48	0.26	36	Yes	-	NR5688-21361081-E55
Clear-Clear-LoE	Triple	no	5	krypton	1.42	0.25	38	Yes	-	NR5688-21361099-E55
Clear-LoE-LoE	Triple	no	3&5	Argon	1.48	0.26	35	Yes	-	NR5688-21361102-E55
Clear-LoE-LoE	Triple	no	3&5	Blend	1.42	0.25	37	Yes	-	NR5688-21361105-E55
Clear-LoE-LoE	Triple	no	3&5	krypton	1.19	0.21	42	Yes	Yes	NR5688-21361108-E55

## 1372 – Single Slider Lift-out Window Energy Rating

Model	Glazing Layers	Grid	Low-E	Gap Fill	U- Factor (M)	U-factor (IMP)	ER	ENERGY STAR	ENERGY STAR Most Efficient	NRCan Reference
Clear-LoE	Double	no	3	Argon	1.76	0.31	35	Yes	-	NR5688-21361308-E55
Clear-LoE	Double	no	3	Blend	1.76	0.31	35	Yes	-	NR5688-21361314-E55
LoE-LoE	Double	no	2&4	Argon	1.48	0.26	36	Yes	-	NR5688-21361320-E55
LoE-LoE	Double	no	2&4	Blend	1.48	0.26	36	Yes	-	NR5688-21361322-E55
Clear-Clear-LoE	Triple	no	5	krypton	1.42	0.25	39	Yes	-	NR5688-21361340-E55
Clear-LoE-LoE	Triple	no	3&5	Argon	1.48	0.26	35	Yes	-	NR5688-21361343-E55
Clear-LoE-LoE	Triple	no	3&5	Blend	1.42	0.25	37	Yes	-	NR5688-21361346-E55
Clear-LoE-LoE	Triple	no	3&5	krypton	1.19	0.21	42	Yes	Yes	NR5688-21361349-E55

## 1374 – 3-Lite (End Vent) Single Slider Liftout Window Energy Rating

Model	Glazing Layers	Grid	Low-E	Gap Fill	U- Factor (M)	U-factor (IMP)	ER	ENERGY STAR	ENERGY STAR Most Efficient	NRCan Reference
Clear-LoE	Double	no	3	Argon	1.76	0.31	35	Yes	-	NR5688-21361308-E55
Clear-LoE	Double	no	3	Blend	1.76	0.31	35	Yes	-	NR5688-21361314-E55
LoE-LoE	Double	no	2&4	Argon	1.48	0.26	36	Yes	-	NR5688-21361320-E55
LoE-LoE	Double	no	2&4	Blend	1.48	0.26	36	Yes	-	NR5688-21361322-E55
Clear-Clear-LoE	Triple	no	5	krypton	1.42	0.25	39	Yes	-	NR5688-21361340-E55
Clear-LoE-LoE	Triple	no	3&5	Argon	1.48	0.26	35	Yes	-	NR5688-21361343-E55
Clear-LoE-LoE	Triple	no	3&5	Blend	1.42	0.25	37	Yes	-	NR5688-21361346-E55
Clear-LoE-LoE	Triple	no	3&5	krypton	1.19	0.21	42	Yes	Yes	NR5688-21361349-E55

## 1377 – Picture Window (Singles Frame) Energy Rating

Model	Glazing Layers	Grid	Low-E	Fill	U-Factor (M)	U-factor (IMP)	ER	ENERGY STAR	ENERGY STAR Most Efficient	NRCan Reference
Clear-LoE	Double	No	3	Blend	1.70	0.3	39	Yes	-	NRS688-36780779-E55
Clear-LoE	Double	No	3	Argon	1.70	0.3	39	Yes	-	NRS688-36780777-E55
Clear-LoE	Double	Yes	3	Blend	1.70	0.3	35	Yes	-	NRS688-36780780-E55
Clear-LoE	Double	Yes	3	Argon	1.70	0.3	35	Yes	-	NRS688-36780778-E55
366-Clear-366	Triple	No	2&5	Krypton	0.97	0.17	30	Yes	Yes	NRS688-34746922-E55
366-Clear-Clear	Triple	No	2	Krypton	1.19	0.21	26	Yes	-	NRS688-34746920-E55
Clear-Clear-LoE	Triple	No	5	Blend	1.59	0.28	38	Yes	-	NRS688-36780782-E55
Clear-Clear-LoE	Triple	No	5	Argon	1.59	0.28	38	Yes	-	NRS688-36780781-E55
Clear-Clear-LoE	Triple	No	5	Krypton	1.36	0.24	43	Yes	Yes	NRS688-36780783-E55
Clear-LoE-LoE	Triple	No	3&5	Argon	1.42	0.25	40	Yes	Yes	NRS688-36780784-E55
Clear-LoE-LoE	Triple	No	3&5	Blend	1.36	0.24	41	Yes	Yes	NRS688-36780785-E55
Clear-LoE-LoE	Triple	No	3&5	Krypton	1.14	0.2	46	Yes	Yes	NRS688-36780786-E55

## 3320 – Patio Door Energy Rating

Model	Glazing Layers	Grid	Low-E	Gap Fill	U-Factor (M)	U-factor (IMP)	ER	ENERGY STAR	ENERGY STAR Most Efficient	NRCan Reference
Clear-180	Double	no	3	argon	1.65	0.29	34	yes	-	NR5688-36174149-E55
366-Clear-180	Triple	no	2&5	krypton	1.08	0.19	27	yes	-	NR5688-36223080-E55
366-Clear-366	Triple	no	2&5	krypton	1.08	0.19	26	yes	-	NR5688-20180918-E55
Clear-180-180	Triple	no	3&5	krypton	1.14	0.2	40	yes	Yes	NR5688-36223079-E55
Clear-180-180	Triple	no	3&5	Blend	1.36	0.24	36	yes	-	NR5688-36223082-E55
Clear-180-180	Triple	no	3&5	argon	1.42	0.25	34	yes	-	NR5688-36223078-E55
Clear-180-Clear	Triple	no	3	krypton	1.36	0.24	37	yes	-	NR5688-36223081-E55

### SHGC) Solar Heat Gain Coefficient:

The higher the SHGC, the more solar heat the window allows.

### (VT) Visible Transmittance:

The higher the VT, the more daylight is allowed in.

### (CR) Condensation Resistance:

The higher the CR, the less likely condensation is to occur.