

Performance Benefits

The new standard in performance glass delivers the following benefits in a triple glazed unit.

- ✓ 60% improvement in SHGC – Reduced Heat Gain
- ✓ 53% increase in R value – A Better Insulator
- ✓ 42% increase in ER – Improves the Energy Rating
- ✓ 33% increase in U factor – Reduced Heat Loss
- ✓ 20% improvement in the Center of Glass (COG) temperature – Improved Comfort in your Home

High Performance Glass

- We've taken all of the benefits of triple glazing and enhanced them to a new level
- We've combined LoE366 with LoE180 in a triple glazing unit to give you a new level of performance
- 4 coats of LoE glass
- Argon or Krypton gas fill
- Simply Clean Standard



Triple Glazing Numbers Argon*

Glass Combination	ER Value (90% Argon)	VT (Visible Light)	SHGC	U Factor	R Value	Fading Transmission
366/Argon/CLR/Argon/180	34	57%	0.25	0.16	6.13*	36%
180/Argon/CLR/Argon/ 180	51	69%	0.56	0.20	5.00	50%
366/Argon/Clear/Argon/Clear	24	65%	0.25	0.24	4.10	39%
180/Argon/Clear/Argon/Clear	44	73%	0.61	0.25	4.02	57%

Triple Glazing Numbers Krypton*

Glass Combination	ER Value (90% Argon)	VT (Visible Light)	SHGC	U Factor	R Value	Fading Transmission
366/Krypton/CLR/Krypton/180	38	57%	0.25	0.13	7.75*	36%
180/Krypton/CLR/Krypton/ 180	55	69%	0.56	0.14	7.35	50%
366/Krypton/CLR/Krypton/CLR	33	65%	0.25	0.18	5.68	39%
180/Krypton/CLR/Krypton/CLR	53	73%	0.61	0.18	5.43	57%

**Calculations are made under standard ASHRAE conditions.

Room Side Comfort

The table below compares the room-side center of glass (COG) temperatures of 4 different glass types against winter conditions.

Glass Combinations*	When the Outside Temperature is - 20 F (-29C)	When the Outside Temperature is + 20 F (-7C)
Triple - LoE 366/LoE 180	60	65
Triple with LoE366	56	63
Regular Triple with Single LoE	55	62
Regular Triple with Clear	50	58

*Values are based on center of the glass (COG).

- Check NRCAN website for window performance date.

Vinylbilt Windows & Doors Corp.

Tel: 905.669.1200 / 1.800.361.1753

Fax: 905.669.3766 / 1.888.995.9092

www.vinylbilt.com

vinylbilt®

W I N D O W S & D O O R S

B I L T B E T T E R

HPĒ



A New Level in LoE Performance



TRIPLE

SimplyClean*

THE NEXT LEVEL OF LoE PERFORMANCE

- Choose a thermal glass that does the following;
 - ✓ Delivers industry leading performance numbers
 - ✓ Gives lasting comfort
 - ✓ Saves you energy
 - ✓ Comes with 4 coats of LoE coating and 2 coats of Simply Clean
- When all of these conditions are met, you have the next level of performance.