



**TWINSULATOR™**

Window Series



Our Twinsulator™ Series Windows offer extreme strength, durability and state of the art thermal performance. Designed for use in any weather condition, Twinsulator windows are engineered for a lifetime of worry free operation and performance. Available in Single Hung, Slider and Picture styles, Twinsulator windows offer just the right style for any type of home or light commercial project.



## RESIDENTIAL GOOD FOR YOUR HOME

Twinsulator Windows offer homeowners the very best in aluminum window construction. Designed for energy savings, extreme weather protection and thermal performance – Twinsulator is the only choice for many homeowners looking for quality and value.

Twinsulator Windows offer homeowners the following benefits:

- Condensation Resistance
- High Performance in Extreme Weather
- Heavy duty aluminum frame and sash for a strong and durable window system
- Lower Heating and Cooling Costs
- Years of Worry Free Window Operation
- No Hassle, Lifetime Limited Warranty



## COMMERCIAL QUALITY & PERFORMANCE

Twinsulator Series Windows are also designed for the following light commercial applications:

- Multi-Family Projects
- Military / Government Buildings
- Schools / Education K-12
- University Housing
- Hotels / Motels
- Office Buildings
- Industrial Warehouse Spaces
- Public Housing



## VALUE BEYOND YOUR EXPECTATIONS.

Not only are Twinsulator Windows engineered to perform for a lifetime, but your new Twinsulator Windows are also certified by the following third party verifiers for efficiency, safety and performance.



# Twinsulator ~ Engineered to Perform

**Made of heavy aluminum extrusions, Twinsulator Series offers exceptional performance even under extreme conditions.**

**A. Powder Coated Aluminum Extrusions**

**B. ThermaProtect™ Thermally Improved Frame and Sash**

**C. Dual Glaze Cardinal LowE<sup>3</sup> 366 Double Strength Glass**

**D. Warm Edge XL Edge Spacer**



## **Take a Break From Mother Nature's Extremes with ThermaProtect™**

For maximum insulation, our exclusive ThermaProtect™ insulation barrier offers the very best in thermal protection from the elements. On its own, aluminum is known as a highly conductive material allowing energy to flow freely through the metal. But because of its intrinsic strength and durability, aluminum is the material of choice for building applications all over the world. Take that inherent strength and combine it with a technologically advanced application of a unique thermal barrier and you have the perfect design for window construction.

In order to negate the flow of heat or cold through aluminum, we have designed the ThermaProtect™ insulation barrier that improves the window's performance while allowing homeowners to take advantage of the long term durability of their new windows.



*For illustration purposes.*

*Our ThermaProtect™ barrier technology provides exceptional thermal performance for the life of your Twinsulator Windows.*

## **Enjoy a Lifetime Limited, No Hassle Warranty\* with Your Twinsulator Purchase**

We all know that a warranty is only as good as the company behind it. The Twinsulator Window Series is backed by an industry leading, Top 100 Window & Door Manufacturer. All of us at NT Window pride ourselves on offering the very best in home improvement products and unparalleled customer service.

\*This warranty refers to the Twinsulator Series Residential Product Warranty

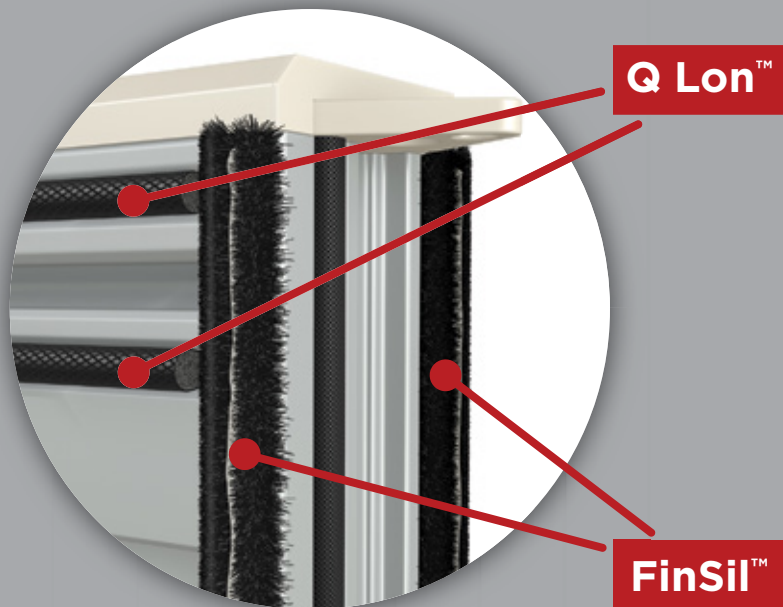




# SINGLE HUNG WINDOWS



**Commercial Application**



**Q Lon™**

**FinSil™**

*Four layers of Weatherstripping Protection - Dual FinSil & Dual Q-Lon for maximum Wind and Weather Protection.*



*Secondary safety latch for added peace of mind.*



*Perfectly Designed Sweep Lock - Easy to Use*



## Single Hung Features

- ThermaProtect™ insulation barrier throughout the frame and sash for the very best in thermal protection from the elements.
- Powder coated aluminum extrusions
- 3/4" dual glaze Cardinal LowE<sup>3</sup> 366 double strength glass
- Warm XL Edge Spacer for increased efficiency
- Composite sweep lock for added strength
- Secondary spring latch for added peace of mind
- Four layers of weatherstripping protection - Dual FinSil & Dual Q-Lon for maximum fortification
- Bottom sash tilts in for easy cleaning
- Quick tilt constant force balance
- Durable and easy to use half screen - standard

### Additional Options:

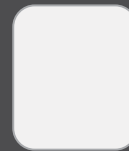
- Double Cardinal LowE<sup>3</sup> 366
- Cardinal LowE<sup>3</sup> 340
- Laminated .030 Glass
- Tinted Glass
- New construction nailing fin



*Twinsulator tilt-latch with an added safety feature.*



Colors:



White

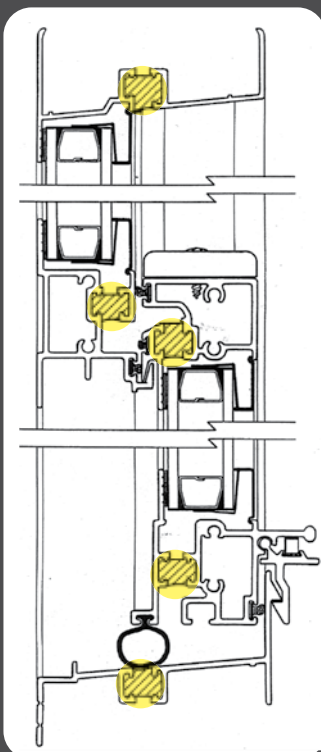


Bronze



Black

## T110 PROFILE



### TWINSULATOR SERIES GLASS PERFORMANCE OPTIONS

Glass Package	Single Hung Without Grids
<b>Dual Pane, Cardinal LowE<sup>3</sup> 366 with Argon</b>	
U-Factor	0.39
Solar Heat Gain Coefficient	0.23
<b>Dual Pane, Cardinal LowE<sup>3</sup> 340 with Argon</b>	
U-Factor	0.39
Solar Heat Gain Coefficient	0.15

*For maximum insulation, our exclusive ThermaProtect™ insulation barrier offers the very best in thermal protection from the elements.*

### SINGLE HUNG - T110 SPECS AT A GLANCE

Frame Depth - 2 5/8"

AAMA Rating - LC35\*

\*Window size 54"x77"

# Sliding & Picture Window Features

- ThermaProtect™ insulation barrier throughout the frame and sash for the very best in thermal protection from the elements
- Powder coated aluminum extrusions
- 3/4" dual glaze Cardinal LowE<sup>3</sup> 366 double strength glass
- Warm XL Edge Spacer for increased efficiency
- Dual layers of weatherstripping protection - Dual FinSil for maximum fortification
- Integral weep system for improved drainage away from the home

## Additional Options:

- Double Cardinal LowE<sup>3</sup> 366
- Cardinal LowE<sup>3</sup> 340
- Laminated .030 Glass
- Tinted Glass

Colors:



White



Bronze



Black

## SLIDING



## PICTURE



## TWINSULATOR SERIES GLASS PERFORMANCE OPTIONS

Glass Package	Slider Without Grids
<b>Dual Pane, Cardinal LowE<sup>3</sup> 366 with Argon</b>	
U-Factor	0.40
Solar Heat Gain Coefficient	0.23
<b>Dual Pane, Cardinal LowE<sup>3</sup> 340 with Argon</b>	
U-Factor	0.40
Solar Heat Gain Coefficient	0.15

## TWINSULATOR SERIES GLASS PERFORMANCE OPTIONS

Glass Package	Picture Without Grids
<b>Dual Pane, Cardinal LowE<sup>3</sup> 366 with Argon</b>	
U-Factor	0.33
Solar Heat Gain Coefficient	0.25
<b>Dual Pane, Cardinal LowE<sup>3</sup> 340 with Argon</b>	
U-Factor	0.33
Solar Heat Gain Coefficient	0.16

## SLIDING - T140 SPECS AT A GLANCE

Frame Depth - 2 5/8"

AAMA Rating - LC40\*

\*Window size 72"x60"

## PICTURE WINDOW SPECS AT A GLANCE

Frame Depth - 2 5/8"

AAMA Rating - C50\*

\*Window size 72"x72"



# OPTIONS

## Glass:



Rain



Obscure



Satin

## Grids:



Flat - Internal



Contoured - Internal

(Not Available in Black)

## Warranty

### Lifetime Limited Warranty\*

Enjoy peace of mind and worry free operation of your Twinsulator Windows with our Lifetime Limited Warranty\*. No hassles, no small print, no registration - Just excellent coverage for your new windows.

\*See printed warranty for specific details.

# TWINSULATOR WINDOW SERIES SPECIFICATIONS

Features / Options	Single Hung	Slider	Picture Window	Features / Options	Single Hung	Slider	Picture Window
<b>COLOR:</b>				<b>GRIDS:</b>			
Powder Coat Finish White	X	X	X	Flat	Optional	Optional	Optional
Powder Coat Finish Bronze	X	X	X	Contoured (Not Available in Black)	Optional	Optional	Optional
Powder Coat Finish Black*	X	X	X				
*AAMA 2604 Powder Coating				<b>LOCKS / HARDWARE:</b>			
<b>FRAME:</b>				Composite Sweep Lock	X	X	
2 5/8"	X	X	X	Secondary Security Spring Latch	X		
Thermally Improved Frame	X	X	X	Tilt Latch w/ Safety Adjustment	X		
Thermally Improved Sash	X	X					
Constant Force Balance New Construction Fin	X			<b>SCREEN OPTIONS:</b>			
	Optional	Optional	Optional	Half Screen	X	X	
				Fiberglass	X	X	
				Aluminum Wire	Optional	Optional	
				Roll Form Frame	X	X	
<b>SAFETY:</b>				<b>WARRANTY:</b>			
Structural Rating	LC-35	LC-40	C-50	Residential Applications	Limited Lifetime	Limited Lifetime	Limited Lifetime
Forced Entry	Grade 10	Grade 10		Commercial Applications	10 Year*	10 Year*	10 Year*
<b>GLASS PACKAGES:</b>							
3/4" OA	X	X	X				
Cardinal 366	X	X	X				
Cardinal 340	Optional	Optional	Optional				
XL Edge Spacer	X	X	X				
Double Low E	Optional	Optional	Optional				
Argon	X	X	X				
Laminated Glass	Optional	Optional	Optional				
Obscured	Optional	Optional	Optional				
Rain	Optional	Optional	Optional				
Bronze / Grey Tints	Optional	Optional	Optional				
Double Strength Glass	X	X	X				
Interior Glazed	X	X					

\*Extended Warranty Available



# TWINSULATOR™

Window Series



NT Window®  
ntwindow.com

100% Made in  
*America* 

