

9224/9204 SLIDER
NEW CONSTRUCTION

Single Slider

New Construction Windows

9224/9204

With J-Channel

No J-Channel

Tel: (919) 544-5187 | Fax: (919) 544-5082 | Toll Free: 1-888-544-5187 | www.hkwindows.net
5101 Nelson Rd. Suite #100 Morrisville, NC 27560

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Single Slider 9224 American Pioneer (With J-Channel)

9204 American Pioneer (No J-Channel)

Our horizontal sliders are windows where the movable sash slides along the sill of the window. We use the same locking system as our single hung which exceeds the industry standard for forced entry. Sliders are sometimes used in bedrooms requiring egress.

GENERAL

Series / Types: AP 9224 Single Slider with Brickmold / Integral J-Channel
Test Size: As Tested per AAMA 101/I.S. 2-97 \Gateway (44"x60")
Min Size: Width 28" x Height 14"
Max Size: Width 72" x Height 60"

REGULATORY

Structural Rating: In accordance w/ AAMA 101-97, Available in DP35, DP50
Forced Entry: Grade 10, In accordance with AAMA 101-97
NFRC/Energy Star: Rating simulations available for various glass packages

FRAME

Frame Depth: Strong, durable 3 5/32" wide frame
Frame Color: Cream White or Tan/Beige
Frame Style: Exterior Brickmold/ Integral J-Channel
Sill Type: Slope sill, weeped
Receptor Groove: Face mount/
Hidden Exterior Groove

SASH / LITE

Sash Removal: Tilt-in / Take-out
Truth Locks: Lock into meeting rail
No keepers

IG

Thickness: 3/4"
Glass Type: Regular clear, Low-E, Tempered, Obscure

OTHER

Screen: 1/2 screen
Argon Gas: Available
Lock: Wide, deep interlocks
Latch: Recessed "tilt" latches
Weatherstripping:
Dual weatherstripping at the meeting rails
Dual weatherstripping around perimeter of sash

WARRANTY

Limited Lifetime Warranty



The Energy Performance

HK Windows' energy performance window is different. It's more than just a technologically advanced window. It's a commitment to deliver lasting beauty and protection to your home.

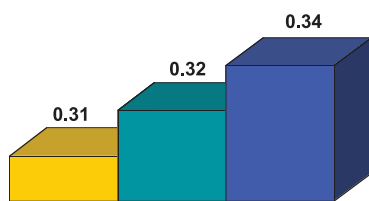


Built with "Cardinal LoE²-270®", all windows manufactured by **HK Windows** help keep indoor temperatures comfortable regardless of the outside elements. Cost savings on utility bills make this option the choice of homeowners across the country.

Maintaining a comfortable indoor environment is a challenge when temperatures fluctuate, sometimes dramatically, throughout the day, between seasons, and across climate zones. According to U.S. Government estimates, an average household spends more than 40% of its annual energy budget on heating and cooling. The Low-E Glass /Argon Gas and warm edge spacer glass package insulates and protects the home from harmful UV rays.

Duralite® tru seal technologies

The use of Duralite® spacer gives the windows manufactured by **HK Windows** the advantage of improved condensation resistance, less conductivity, a continuous moisture vapor barrier and low moisture vapor transmission rate.

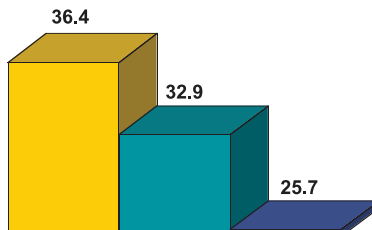


Simulations were performed by Enermodal Engineering Limited using Window 5.2 and Therm 5.2 as per NFRC100, and NFRC500, 2001. Dec. 23, 2003.

Total Window U-value

Duralite can improve the total window U-value.

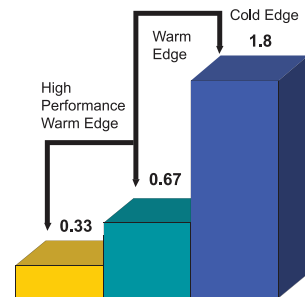
■ Duralite ■ Intercept ■ Aluminum SB



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Edge of Glass Temperature

Better insulating Duralite improves the temperature of the glass. Warmer glass makes you feel more comfortable.



Simulations were performed by Enermodal Engineering Limited using Therm 5.2. Dec. 23, 2003.

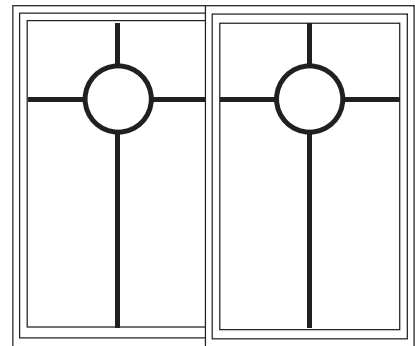
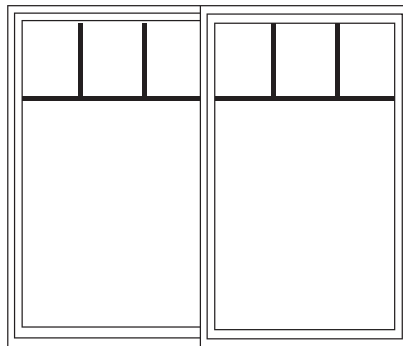
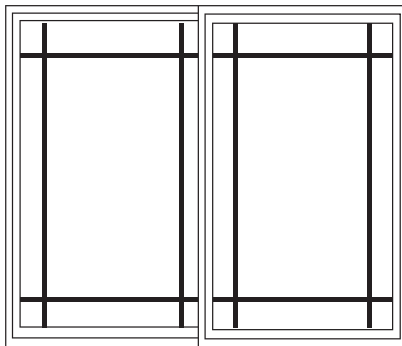
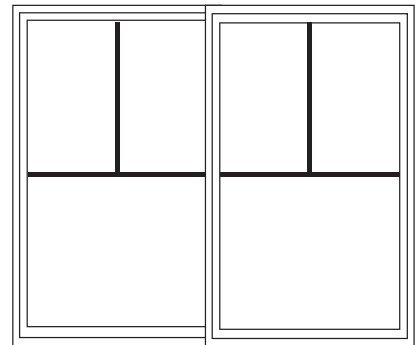
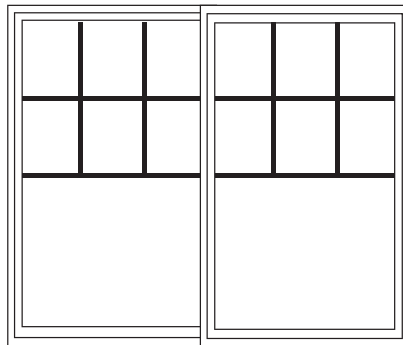
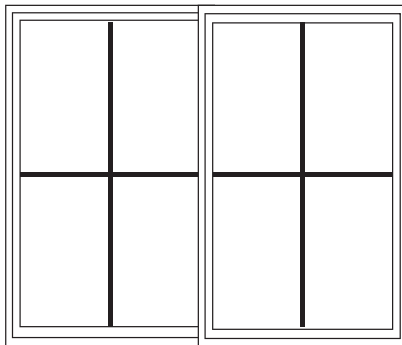
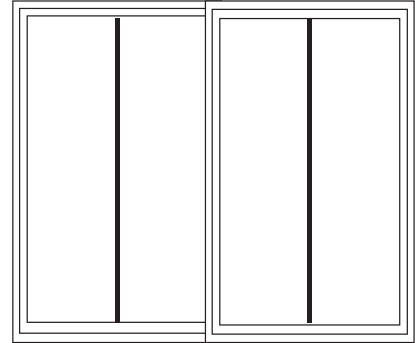
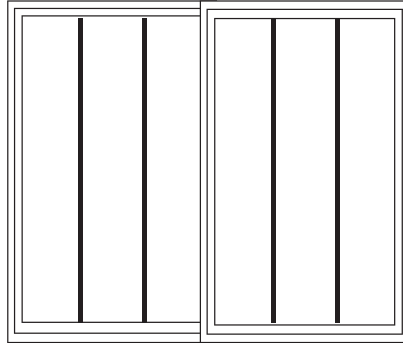
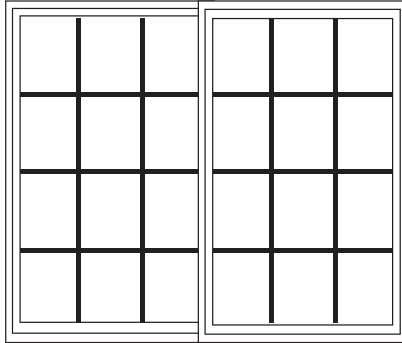
Conductivity

The lower the conductivity the better the spacer insulates the window. Better insulation saves more energy.

All windows manufactured by **HK Windows** are tested using NFRC and Energy Star™ standards offering the best in energy performance. Some restrictions may apply.



*Practically any grid pattern available - Here are a few samples.



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Size Chart & Standard Colonial Grid Configurations

*Drawings in this document are not scale. *Including special windows. *The grid would be changed.

Height	Width											
	40"	38"	36"	34"	32"	30"	28"	26"	24"	22"	20"	
	40-1/2"	38-1/2"	36-1/2"	34-1/2"	32-1/2"	30-1/2"	28-1/2"	26-1/2"	24-1/2"	22-1/2"	20-1/2"	
36"	3034	3032	3030	30210	3028	3026	3024	3022	3020	30110	3018	36-1/2"
38"	3234	3232	3230	32210	3228	3226	3224	3222	3220	32110	3218	38-1/2"
48"	4034	4032	4030	40210	4028	4026	4024	4022	4020	40110	4018	48-1/2"
50"	4234	4232	4230	42210	4228	4226	4224	4222	4220	42110	4218	50-1/2"
54"	4634	4632	4630	46210	4628	4626	4624	4622	4620	46110	4618	54-1/2"
60"	5034	5032	5030	50210	5028	5026	5024	5022	5020	50110	5018	60-1/2"
62"	5234	5232	5230	52210	5228	5226	5224	5222	5220	52110	5218	62-1/2"
66"	5634	5632	5630	56210	5628	5626	5624	5622	5620	56110	5618	66-1/2"
72"	6034	6032	6030	60210	6028	6026	6024	6022	6020	60110	6018	72-1/2"
74"	6234	6232	6230	62210	6228	6226	6224	6222	6220	62110	6218	74-1/2"

Unit in red meet or exceed the following: *Clear openable width $\geq 20"$ *Clear openable height $\geq 22"$