

*Windows for life!*



# TRIPLE GLASS PERFORMANCE

PRODUCT	E.R.* OVERALL ENERGY LOSS	VISIBLE LIGHT TRANSMITTANCE	SOLAR HEAT GAIN COEFFICIENT	WINTER U/R FACTOR* (AIR ARGON)	FADING TRANSMISSION	
TRIPLE PANE CLEAR	+24	72%	68%	U=.31 R=3.21	U=.29 R=3.49	.66
TRIPLE PANE HARDCOAT LOW-E X1	+32	68%	63%	U=.23 R=4.27	U=.20 R=5.01	.58
TRIPLE PANE HARDCOAT LOW-E X2	+39	63%	59%	U=.19 R=5.30	U=.15 R=6.53	.52
TRIPLE PANE SOFTCOAT LOW-E X1	+23	64%	45%	U=.21 R=4.72	U=.17 R=5.77	.49
TRIPLE PANE SOFTCOAT LOW-E X2	+27	56%	38%	U=.16 R=6.23	U=.12 R=8.17	.40



\*E.R. BASED ON OPERATING WINDOW WITH ARGON GAS FILLING IN SEALED UNITS  
VT, SHGC, U AND R VALUES CENTER OF GLASS. DATA INCLUDES TESTED AND EXTRAPOLATED RESULTS.

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## GLASS PERFORMANCE

PRODUCT	E.R.* OVERALL ENERGY LOSS	VISIBLE LIGHT TRANSMITTANCE	SOLAR HEAT GAIN COEFFICIENT	WINTER U/R FACTOR (AIR ARGON)		FADING TRANSMISSION
SINGLE PANE CLEAR	-46	90%	86%	U=1.1 R=.9		.72
DOUBLE PANE CLEAR	+16	82%	77%	U=.49 R=2.04	U=.47 R=2.13	.60
DOUBLE PANE HARDCOAT LOW-E X1	+28	75%	71%	U=.35 R=2.86	U=.31 R=3.23	.48
DOUBLE PANE SOFTCOAT LOW-E X1	+22	72%	41%	U=.30 R=3.33	U=.25 R=4.00	.33



\*E.R. BASED ON OPERATING WINDOW WITH ARGON GAS FILLING IN SEALED UNITS  
VT, SHGC, U AND R VALUES CENTER OF GLASS.