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U-Value Performance

Loss or Gain of Heat Energy Through Glazing	Glazing Configuration *	U-Value Summer **	U-Value Winter **
Monolithic Glass	1/4"	1.01	1.08
	1/2"	.97	1.03.
Laminated Glass	1/4"-(Lami-0.030"-Lami)	1.00	1.06
	1/4"-(1/8"-0.030"-1/8")	.99	1.05
	1/4"-(1/8"-0.060"-1/8")	.97	1.03
	1/4"-(1/8"-0.045"-1/8")	.98	1.04
	3/8"-(3/16"-0.030"-3/16")	.97	1.03
	3/8"-(1/4"-0.030"-1/8")	.97	1.03
	3/8"-(1/4"-0.060"-1/8")	.95	1.00
	1/2"-(1/4"-0.030"-1/4")	.95	1.01
	1/2"-(1/4"-0.045"-1/4")	.94	.99
	1/2"-(1/4"-0.060"-1/4")	.93	.98
	5/8"-(3/8"-0.030"-1/4")	.93	.99
	3/4"-(1/2"-0.060"-1/4")	.90	.95
Insulating Glass	1/8"-1/4" AS***-1/8"	.62	.57
	1/8"-3/8" AS***-1/8"	.57	.52
	3/16"-1" AS***-3/16"	.54	.48
	1/4"-1/2" AS***-1/4"	.54	.48
	1/4"-1" AS***-1/4"	.52	.48
	3/16"-4" AS***-3/16"	.52	.48
Laminated-Insulating Glass	1/8"-0.030"-1/8"-3/8" AS***-3/16"	.55	.50
	1/8"-0.030"-1/8"-1/2" AS***-3/16"	.53	.48
	1/8"-0.030"-1/8"-1/2" AS***-1/4"	.53	.48
	1/8"-0.030"-1/4"-1/2" AS***-1/4"	.53	.47
	1/8"-0.030"-1/8"-1" AS***-3/16"	.51	.48
	1/8"-0.030"-1/8"-2" AS***-3/16"	.51	.48
	1/4"-0.030"-1/4"-2" AS***-3/8"	.49	.46
	1/4"-0.030"-1/4"-2" AS***-3/16"	.50	.47
	1/4"-0.030"-1/4"-4" AS***-3/16"	.50	.47
	1/4"-0.030"-1/4"-4" AS***-3/8"	.49	.46
	1/2"-0.030"-1/4"-4" AS***-1/8"	.49	.46
Double Laminated-Insulating Glass	1/8"-0.030"-1/8"-1/2" AS***-1/8"-0.030"-1/8"	.52	.47
	1/4"-0.030"-1/4"-1" AS***-1/8"-0.060"-1/8"	.49	.46
	1/2"-0.060"-1/4"-4" AS***-1/4"-0.030"-1/4"	.47	.44
	1/4"-0.060"-1/4"-4" AS***-1/4"--0.030"-1/4"	.48	.45
	1/4"-0.030"-1/4"-4" AS***-1/8"--0.060"-1/8"	.49	.46

*The data and information set forth are based on samples tested and are not guaranteed for all samples or applications.

**The overall heat transfer coefficient in Btu/hr.-sq.ft.- °F

***AS= Air Space (0.030", 0.060" = Clear P.V.B. interlayer thicknesses)