

7.8.28 Runs done 05/25/2021 (RM)

Exactly the same results between the two versions

7.4.14 Runs done 12/09/2016 (RM)

results are for actual thickness of glass (not nominal thickness)

ID	# Glazing Layers	Glazing				WINDOW ID#	U-factor (W/m ² -K)				SHGC (-)				VT (-)					
		Glass	emiss.	Glass/Gap/Glass (mm)	Gas		W7.4.14	W7.8.28	DIFF	DIFF (%)	W7.4.14	W7.8.28	DIFF	DIFF (%)	W7.4.14	W7.8.28	DIFF	DIFF (%)		
1	Single Glazing	Un-Coated	0.84	N/A	N/A	1	5.87993	5.87993	0.000	0.00%	0.867716	0.867716	0.000	0.00%	0.899122	0.899122	0.000	0.00%		
2	Double Glazing	Un-Coated	0.84	4/6/4	Air	2	3.148549	3.148549	0.000	0.00%	0.771913	0.771913	0.000	0.00%	0.813267	0.813267	0.000	0.00%		
					Argon	3	2.902941	2.902941	0.000	0.00%	0.772627	0.772627	0.000	0.00%	0.813267	0.813267	0.000	0.00%		
					Krypton	4	2.595891	2.595891	0.000	0.00%	0.773541	0.773541	0.000	0.00%	0.813267	0.813267	0.000	0.00%		
					Xenon	5	2.454549	2.454549	0.000	0.00%	0.774064	0.774064	0.000	0.00%	0.813267	0.813267	0.000	0.00%		
3				4/12/4	Air	6	2.730005	2.730005	0.000	0.00%	0.773231	0.773231	0.000	0.00%	0.813267	0.813267	0.000	0.00%		
					Argon	7	2.575974	2.575974	0.000	0.00%	0.773716	0.773716	0.000	0.00%	0.813267	0.813267	0.000	0.00%		
					Krypton	8	2.525833	2.525833	0.000	0.00%	0.77427	0.77427	0.000	0.00%	0.813267	0.813267	0.000	0.00%		
4				4/20/4	Xenon	9	2.505981	2.505981	0.000	0.00%	0.774488	0.774488	0.000	0.00%	0.813267	0.813267	0.000	0.00%		
					Air	10	2.751087	2.751087	0.000	0.00%	0.773879	0.773879	0.000	0.00%	0.813267	0.813267	0.000	0.00%		
					Argon	11	2.614744	2.614744	0.000	0.00%	0.774208	0.774208	0.000	0.00%	0.813267	0.813267	0.000	0.00%		
5				One Pane Coated (Surface # 2)	0.2	4/6/4	Krypton	12	2.556724	2.556724	0.000	0.00%	0.774301	0.774301	0.000	0.00%	0.813267	0.813267	0.000	0.00%
							Xenon	13	2.505982	2.505982	0.000	0.00%	0.774288	0.774288	0.000	0.00%	0.813267	0.813267	0.000	0.00%
	Air	14	2.595325				2.595325	0.000	0.00%	0.650335	0.650335	0.000	0.00%	0.747527	0.747527	0.000	0.00%			
	Argon	15	2.222174				2.222174	0.000	0.00%	0.648286	0.648286	0.000	0.00%	0.747527	0.747527	0.000	0.00%			
6	4/12/4	Krypton	16			1.735948	1.735948	0.000	0.00%	0.645611	0.645611	0.000	0.00%	0.747527	0.747527	0.000	0.00%			
		Xenon	17			1.536962	1.536962	0.000	0.00%	0.64405	0.64405	0.000	0.00%	0.747527	0.747527	0.000	0.00%			
		Air	18			1.980567	1.980567	0.000	0.00%	0.646535	0.646535	0.000	0.00%	0.747527	0.747527	0.000	0.00%			
		Argon	19			1.740812	1.740812	0.000	0.00%	0.645087	0.645087	0.000	0.00%	0.747527	0.747527	0.000	0.00%			
7	4/20/4	Krypton	20			1.675154	1.675154	0.000	0.00%	0.643533	0.643533	0.000	0.00%	0.747527	0.747527	0.000	0.00%			
		Xenon	21			1.629094	1.629094	0.000	0.00%	0.643411	0.643411	0.000	0.00%	0.747527	0.747527	0.000	0.00%			
		Air	22			2.054611	2.054611	0.000	0.00%	0.64485	0.64485	0.000	0.00%	0.747527	0.747527	0.000	0.00%			
		Argon	23			1.827954	1.827954	0.000	0.00%	0.643911	0.643911	0.000	0.00%	0.747527	0.747527	0.000	0.00%			
8	One Pane Coated (Surface # 2)	0.1	4/6/4	Krypton	24	1.716775	1.716775	0.000	0.00%	0.643861	0.643861	0.000	0.00%	0.747527	0.747527	0.000	0.00%			
				Xenon	25	1.629094	1.629094	0.000	0.00%	0.643752	0.643752	0.000	0.00%	0.747527	0.747527	0.000	0.00%			
				Air	26	2.473755	2.473755	0.000	0.00%	0.62486	0.62486	0.000	0.00%	0.74729	0.74729	0.000	0.00%			
9			4/12/4	Argon	27	2.06761	2.06761	0.000	0.00%	0.622845	0.622845	0.000	0.00%	0.74729	0.74729	0.000	0.00%			
				Krypton	28	1.533241	1.533241	0.000	0.00%	0.620177	0.620177	0.000	0.00%	0.74729	0.74729	0.000	0.00%			
				Xenon	29	1.32263	1.32263	0.000	0.00%	0.618602	0.618602	0.000	0.00%	0.74729	0.74729	0.000	0.00%			
10			4/20/4	Air	30	1.811191	1.811191	0.000	0.00%	0.621105	0.621105	0.000	0.00%	0.74729	0.74729	0.000	0.00%			
				Argon	31	1.549448	1.549448	0.000	0.00%	0.619651	0.619651	0.000	0.00%	0.74729	0.74729	0.000	0.00%			
				Krypton	32	1.478075	1.478075	0.000	0.00%	0.6181	0.6181	0.000	0.00%	0.74729	0.74729	0.000	0.00%			
				Xenon	33	1.423861	1.423861	0.000	0.00%	0.618008	0.618008	0.000	0.00%	0.74729	0.74729	0.000	0.00%			
11			4/6/4	Air	34	1.899685	1.899685	0.000	0.00%	0.619455	0.619455	0.000	0.00%	0.74729	0.74729	0.000	0.00%			
				Argon	35	1.648672	1.648672	0.000	0.00%	0.618519	0.618519	0.000	0.00%	0.74729	0.74729	0.000	0.00%			
	Krypton	36		1.521992	1.521992	0.000	0.00%	0.618471	0.618471	0.000	0.00%	0.74729	0.74729	0.000	0.00%					
	Xenon	37		1.423861	1.423861	0.000	0.00%	0.618334	0.618334	0.000	0.00%	0.74729	0.74729	0.000	0.00%					
12	One Pane Coated (Surface # 2)	0.04	4/12/4	Air	38	2.374141	2.374141	0.000	0.00%	0.378572	0.378572	0.000	0.00%	0.691028	0.691028	0.000	0.00%			
				Argon	39	1.940565	1.940565	0.000	0.00%	0.372782	0.372782	0.000	0.00%	0.691028	0.691028	0.000	0.00%			
				Krypton	40	1.36531	1.36531	0.000	0.00%	0.364882	0.364882	0.000	0.00%	0.691028	0.691028	0.000	0.00%			
				Xenon	41	1.146055	1.146055	0.000	0.00%	0.360154	0.360154	0.000	0.00%	0.691028	0.691028	0.000	0.00%			
12			4/12/4	Air	42	1.672654	1.672654	0.000	0.00%	0.367718	0.367718	0.000	0.00%	0.691028	0.691028	0.000	0.00%			
				Argon	43	1.392615	1.392615	0.000	0.00%	0.363383	0.363383	0.000	0.00%	0.691028	0.691028	0.000	0.00%			
				Krypton	44	1.315724	1.315724	0.000	0.00%	0.359539	0.359539	0.000	0.00%	0.691028	0.691028	0.000	0.00%			

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		Glass	emiss.	Glass/Gap/Glass (mm)	Gas		W7.4.14	W7.8.28	DIFF	DIFF (%)	W7.4.14	W7.8.28	DIFF	DIFF (%)	W7.4.14	W7.8.28	DIFF	DIFF (%)
25				4/12/4/12/4	Air	94	0.924545	0.924545	0.000	0.00%	0.306867	0.306867	0.000	0.00%	0.532898	0.532898	0.000	0.00%
					Argon	95	0.720523	0.720523	0.000	0.00%	0.30559	0.30559	0.000	0.00%	0.532898	0.532898	0.000	0.00%
					Krypton	96	0.622574	0.622574	0.000	0.00%	0.304849	0.304849	0.000	0.00%	0.532898	0.532898	0.000	0.00%
					Xenon	97	0.600293	0.600293	0.000	0.00%	0.306317	0.306317	0.000	0.00%	0.532898	0.532898	0.000	0.00%
26	Quadruple Glazing	Two Panes Coated (Surface # 2 and # 5)	0.04	4/12/4/12/4/12/4	Air	98	0.788093	0.788093	0.000	0.00%	0.283786	0.283786	0.000	0.00%	0.484721	0.484721	0.000	0.00%
					Argon	99	0.625358	0.625358	0.000	0.00%	0.284516	0.284516	0.000	0.00%	0.484721	0.484721	0.000	0.00%
					Krypton	100	0.533774	0.533774	0.000	0.00%	0.285947	0.285947	0.000	0.00%	0.484721	0.484721	0.000	0.00%
					Xenon	101	0.513848	0.513848	0.000	0.00%	0.286789	0.286789	0.000	0.00%	0.484721	0.484721	0.000	0.00%

0.00%

0.00%

0.00%

Max. Diff.

Note: Type of Gas Space (concentration = 90%)