DUXTON
Windows & Doors

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Performance Values

SERIES 700 - Hopper

				Centre-of-Glass				Overall Window			
Glass type	**Application**	**LoĒ Surface #**	**Gas**	**R-Value**	**U-Value**	**S.H.G.C.**	**Visible Light**	**U-Value** *(imperial)*	**U-Value** *(metric)*	**S.H.G.C.**	**Visible Light**
Dual Pane											
Cardinal LoĒ-180	High Solar Gain	3	Argon	3.85	0.26	0.68	79%	0.29	1.65	0.43	49%
Cardinal LoĒ-272	Mid-Range	2	Argon	4.00	0.25	0.41	72%	0.28	1.59	0.26	45%
Cardinal LoĒ-366	Low Solar Gain	2	Argon	4.17	0.24	0.27	65%	0.28	1.59	0.17	40%
Triple Pane - 1 LoĒ Coating - High Performance											
Cardinal LoĒ-180	High Solar Gain	5	Argon	5.56	0.18	0.61	73%	0.24	1.36	0.39	45%
Cardinal LoĒ-272	Mid-Range	2	Argon	5.26	0.19	0.38	66%	0.24	1.36	0.24	41%
Cardinal LoĒ-366	Low Solar Gain	2	Argon	5.56	0.18	0.25	59%	0.24	1.36	0.16	37%
Triple Pane - 2 LoĒ Coatings - Ultra High Performance											
Cardinal LoĒ-180 and 180	High Solar Gain	2 and 5	Argon	7.69	0.13	0.56	70%	0.20	1.14	0.37	43%
Cardinal LoĒ-272 and 180	Mid-Range	2 and 5	Argon	7.69	0.13	0.37	63%	0.20	1.14	0.24	39%
Cardinal LoĒ-272 and 272	Mid-Range	2 and 5	Argon	7.69	0.13	0.35	58%	0.20	1.14	0.22	35%
Cardinal LoĒ-366 and 180	Low Solar Gain	2 and 5	Argon	7.69	0.13	0.24	57%	0.20	1.14	0.16	35%
Cardinal LoĒ-366 and 366	Low Solar Gain	2 and 5	Argon	8.33	0.12	0.24	47%	0.19	1.08	0.15	29%

Performance Values are calcuated by certified, 3rd party test labs. Information is gleaned from best available industry sources. The reader is cautioned that test results should be used for comparison purposes only. Results are size and installation dependent. In-service performance can be significantly different from those shown. Product tested indicates design potential. Model size was 1500 mm x 600 mm.

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Notes

(1) 2-Pane IG unit calculations based on 2 lites of 1/8" (3 mm) glass and 1/2" (13 mm) airspace.
(2) 3-Pane IG unit calculations based on 3 lites of 1/8" (3 mm) glass and two 1/2" (13 mm) airspaces.
(3) Calculations for argon filled unit made with 90% Argon/ 10% air.
(4) NFRC Environmental Conditions used for all values.
(5) Warm edge spacer used for all values.