



Series 720 Casement Window

720 Series Features and Benefits

- Continuous head and sill frame system eliminates the need for mechanical mulls when mulling and stacking window combinations
- Accommodates up to 1" insulating glass unit to maximize thermal and acoustic performance.
- T-Bar option allows for mulling and stacking in a continuous head and sill frame
- Frame internal webs are placed strategically for maximum structural support of glazing unit
- Precision Mitered Fusion Welded Corners provide superior structural strength and weather resistance
- Integral, Pre-Punched Mounting Flange targets proper fastener location for quick, easy install (block frame available for replacement applications)
- Multi-Chamber Frame and Sash assemblies improve thermal performance and help enhance sound absorbency
- Triple compression weather strip reduces air infiltration and improves acoustic performance
- Beveled frame design for approved aesthetics and exterior appearance
- Premium Cardinal Dual-Sealed Insulated Glass Units with stainless steel warm-edge spacer system provides superior energy efficiency (thermal performance as low as a .22 u-value)
- Accepts glass packages that can achieve Sound Transmission Class ratings (STC) ranging from 30-35
- Multi point locking hardware secures frame and sash for a weather-tight fit and superior security
- State-of-the-art operating hardware with nested crank handle adds aesthetic appeal and provides smooth easy sash operation
- Fall prevention locks (WOCD) and limiter hardware optional



COLOR OPTIONS



Series 720 Casement Window Performance Data

Air, Water, Structural & Forced Entry Performance:

Performance Class	C-R55
Structural Load*	DP 55 (82.76 psf test pressure at 36" x 72" size) per ASTM E830
Water Resistance	10.65 psf per ASTM E547
Air Infiltration	0.01 cfm/ft ² per ASTM E283
Forced Entry	Passed at Grade 10 per ASTM F588

*Performance reported for a single unit configuration at size indicated. Rating may vary for other sizes and configurations. Contact your sales representative for details.

Acoustic Performance:

Glazing Configuration	STC	OITC
3/16 - 1/8	31	25
3/16 - 1/8 - 1/8	33	27
3/16 - 1/8 - 3/16	36	31

Thermal Performance:

Glazing Configuration	Glass Type	U-Factor	SHGC (wo/ grids)	SHGC (w/grids)
3/16 - 1/8	Low E 272	0.34	0.31	0.22
	Low E 272 - Argon	0.30	0.31	0.22
	Low E 366	0.34	0.23	0.19
	Low E 366 - Argon	0.30	0.23	0.19
3/16 - 1/8 - 1/8	Low E 272	0.29	0.23	0.21
	Low E 272 - Argon	0.28	0.23	0.21
	Low E 366	0.28	0.19	0.18
	Low E 366 - Argon	0.27	0.19	0.18
3/16 - 1/8 - 3/16	Low E 272	0.29	0.26	0.24
	Low E 272 - Argon	0.28	0.26	0.24
	Low E 366	0.28	0.21	0.21
	Low E 366 - Argon	0.27	0.21	0.21

Series 720 Casement Window Size Chart

(Custom net sizes also available in 1/8" increments. Contact your sales representative for details.)

Rough Opening	18"	24"	30"	36"
Exact Size	17.5"	23.5"	29.5"	35.5"
Clear Opening	5.75"	11.75"	22.75"	28.75"
24"	18.313"	24.313"	30.313"	36.313"
29.5"	1620	2020	2620	3020
30"	1626	2026	2626	3026
35.5"	1630	2030	2630	3030
42"	1636	2036	2636	3036
47.5"	1640	2040	2640*	3040
53.5"	1646	2046	2646*	3046
60"	1650	2050	2650*	3050
66"	1656	2056	2656*	3056
72"	1660	2060	2660*	3060

Meets egress of: Clear operable area of > 5.7 sq. ft. Clear operable width of > 20". Clear operable height of 24"

* Clear opening width assume use of optional egress hinge. Please specify Egress Hardware when ordering if egress compliance is required.



Noise Reducing
Windows & Doors