

THERMAL PERFORMANCE - GLAZING SELECTION CHART

Contact CRL-U.S. Aluminum Technical Sales at (800) 262-5151 in the U.S. or Canada, or (323) 588-1281 (International). Ask for Extension 5305. Additional product details are available online at crlaurence.com/curtain-walls.



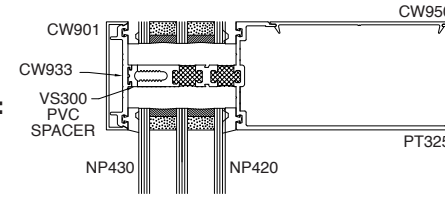
Series HP3253 Curtain Wall - Open Back

Below are various insulating glazing assemblies and spacer combinations that will provide this system with U-factors ranging from a low of 0.17 to a high of 0.41. If your particular combination of glazing and spacer isn't shown, please contact a CRL- U.S. Aluminum Technical Sales Representative and initiate a request. One of our on-staff thermal simulation engineers will conduct the calculations and return a report that can be utilized for bidding and design purposes.

TYPICAL DETAILS:

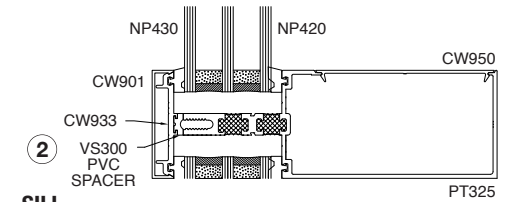
①

HEAD



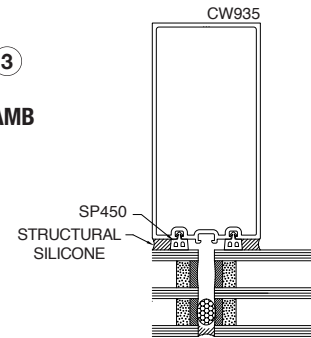
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SILL



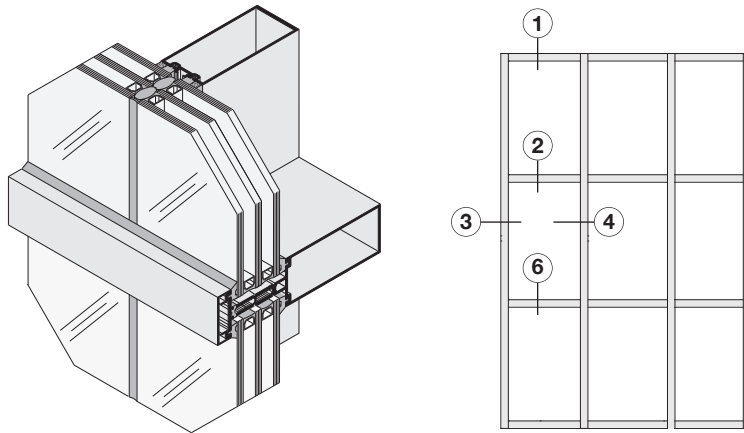
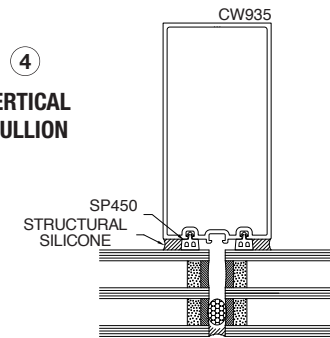
③

JAMB



④

VERTICAL MULLION



GLAZING ASSEMBLY - 2" INSULATED	CENTER OF GLAZING U-FACTOR ⁶	CENTER OF GLAZING SHGC ⁷	CENTER OF GLAZING VT ⁷	SPACER	OVERALL SYSTEM U-FACTOR ⁶	OVERALL SYSTEM SHGC ⁷	OVERALL SYSTEM VT ⁷
1/4" SunGuard SNX 62/27 Clear1 / 1/2" Xenon / Heat Mirror TC88 / 1/2" Xenon / Heat Mirror TC88 / 1/2" Xenon / 1/4" SunGuard IS 20 Clear2	0.07	0.20	0.39	Stainless	0.17	0.21	0.35
1/4" SunGuard SNX 62/27 Clear1 / 5/8" Xenon / 1/4" SunGuard SNX 62/27 Clear4 / " Xenon / 1/4" SunGuard IS 20 Clear3	0.09	0.19	0.41	Stainless	0.20	0.21	0.37
1/4" SB70XL Starphire1 / 5/8" Argon / 1/4" SB70XL Starphire4 / 5/8" Argon / 1/4" Clear	0.12	0.21	0.46	TGI Wave	0.20	0.22	0.42
1/4" SB60 Clear1 / 5/8" Argon / 1/4" SB60 Clear4 / 5/8" Argon / 1/4" Clear	0.12	0.30	0.56	Stainless	0.22	0.31	0.51
1/4" Cardinal 272 Clear1 / 5/8" Argon / 1/4" Cardinal 272 Clear4 / 5/8" Argon / 1/4" Clear	0.12	0.32	0.55	Aluminum	0.25	0.34	0.49
1/4" Clear / 5/8" Air / 1/4" Clear / 5/8" Air / 1/4" SB70XL Starphire5	0.20	0.37	0.57	Aluminum	0.32	0.38	0.52
1/4" Solarbronze / 5/8" Air / 1/4" SB60 Clear4 / 5/8" Air / 1/4" Clear	0.20	0.26	0.38	Aluminum	0.32	0.29	0.34
1/4" Clear / 5/8" Air / 1/4" Clear / 5/8" Air / 1/4" SB60 Clear5	0.20	0.42	0.63	Stainless	0.30	0.42	0.57
1/4" Clear / 5/8" Air / 1/4" Clear / 5/8" Air / 1/4" Cardinal 2725	0.20	0.45	0.63	Aluminum	0.32	0.45	0.57
1/4" Clear / 5/8" Air / 1/4" Clear / 5/8" Air / 1/4" Clear	0.30	0.62	0.71	Aluminum	0.41	0.61	0.64

1. Low-e on #2 surface 2. Low-e on #3 surface 3. Low-e on #6 surface 4. Low-e on #4 surface 5. In accordance with NFRC 100 6. In accordance with NFRC 200

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