

Horizontal Sliding Windows



Commercial Horizontal Sliding Windows for Retrofit and New Construction



(top) Parc Reston, Reston, VA - Series 526, Medium Bronze and Light Gray
(bottom) Writ Rosslyn, Arlington, VA - Series 525, Creme

(top) Parc Meridian, Washington, DC - Series 527B, Light Gray and Dark Gray
(bottom) Meridian at Eisenhower, Washington, DC - Series 527, Almond

Product Selection Guide

Horizontal Sliding Windows

Series	Description	AAMA Rating	Uniform Structural Load (psf)	Air Infiltration (cfm/sq.ft.)	Water Resistance (psf)	U-factor ¹	STC Rating	Frame Depth	Max I.G. Thickness
525	Single Horizontal Slider ✓	C40 / CW30	75	.08	6	.46 / .35 / .35	29-36 ◇	2 ⁵ / ₈ " or 3 ¹ / ₄ "	7 ⁸ / ₈ " •
526	Single Horizontal Slider ✓	C55	82.5	.08	8.25	▬	29-36 ◇	2 ⁵ / ₈ " or 3 ¹ / ₄ "	7 ⁸ / ₈ " •
526B	Single Horizontal Slider ✓ FL	C70	105	.10	10.5	▬	29-36 ◇	2 ⁵ / ₈ " or 3 ¹ / ₄ "	7 ⁸ / ₈ " •
526C	Single Horizontal Slider ✓	CW40	60	.02	8.25	▬	29-36 ◇	2 ⁵ / ₈ " or 3 ¹ / ₄ "	7 ⁸ / ₈ " •
526D	Single Horizontal Slider ✓	CW70	105	.10	10.5	▬	29-36 ◇	2 ⁵ / ₈ " or 3 ¹ / ₄ "	7 ⁸ / ₈ " •
526E	Single Horizontal Slider ✓	CW45	67.5	.12	10.5	▬	29-36 ◇	2 ⁵ / ₈ " or 3 ¹ / ₄ "	7 ⁸ / ₈ " •
527	Single Horizontal Slider ✓	C55	82.5	.08	8.25	▬	29-36 ◇	2 ⁵ / ₈ "	7 ⁸ / ₈ " •
527B	Single Horizontal Slider ✓	C70	105	.10	10.5	▬	29-36 ◇	2 ⁵ / ₈ "	7 ⁸ / ₈ " •
527D	Single Horizontal Slider ✓	CW70	105	.10	10.5	▬	29-36 ◇	2 ⁵ / ₈ "	7 ⁸ / ₈ " •
725	Double Horizontal Slider ✓	C45 / CW30	67.5	.11	6.75	.51 / .41 / .40		3 ¹ / ₄ "	7 ⁸ / ₈ " •
4125	Double Horizontal Slider ✓	AW60	90	.06	12	▬		4"	1" •

✓ Forced Entry Tested f Fair Housing sill available FL Florida approved ▬ Tests Pending ◇ Laminated glass • Single Glazed available

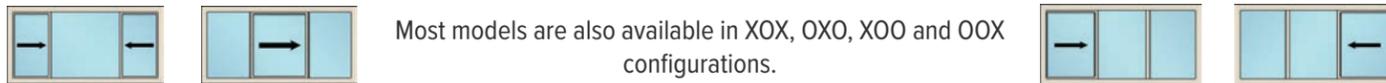
¹ NFRC 100 simulation results from certified testing labs. First u-factor: Low-E / Clear insulated glass, aluminum spacer, no argon. Second u-factor: Low-E on two surfaces with warm-edge spacer and argon. Third u-factor: Low-E / Clear / Low-E triple-pane unit with warm-edge spacer and argon.

Due to the large number of glazing combinations available, please call our Contract Sales department at (800) 259-7580 for specific values.

Anti-Terrorism / Force Protection (ATFP) Products

Series	Description	AAMA Rating	Calculated Pressures	Meets UFC 4-010-01 and ASTM F2248-03*	ASTM 1642/ GSA Protection Level	Frame Depth
4125	Double Horizontal Slider ✓	AW60	144 psf / 1 psi	Yes	▬	4"

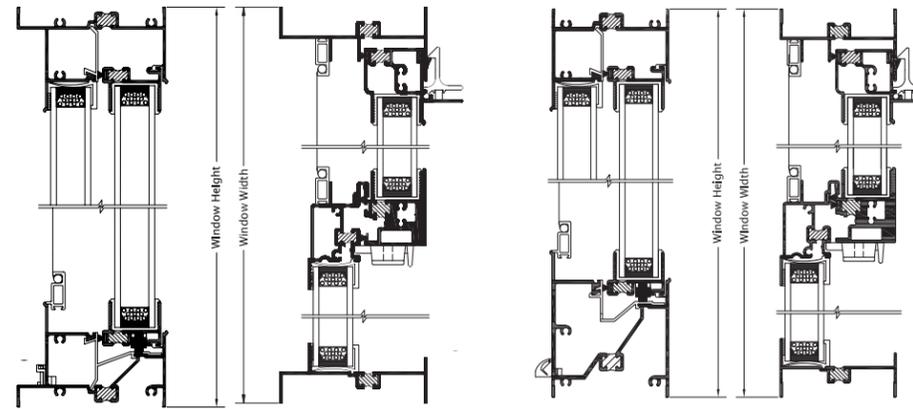
* Per UFC 19 Jan '07 / ASTM 2248-03



The Viridian - Los Angeles, CA

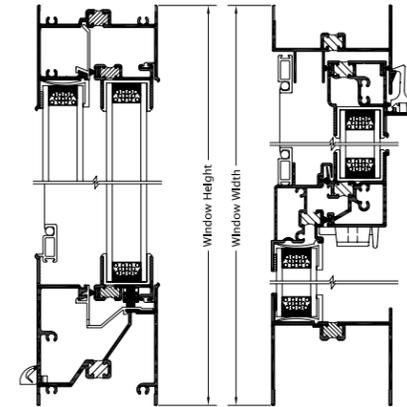
Series 526 horizontal sliding window, 750 fixed window with Comfort E2 glass, White powder coat finish

Selected CAD Details*

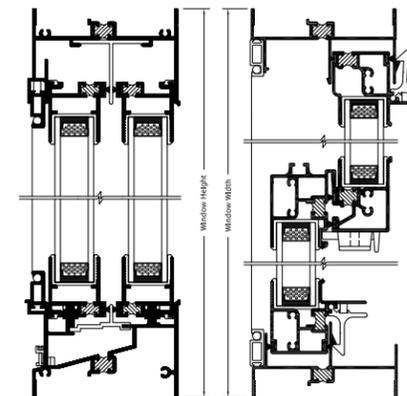


Series 525
(Scale 1/4"=1")
3 1/4" frame depth shown

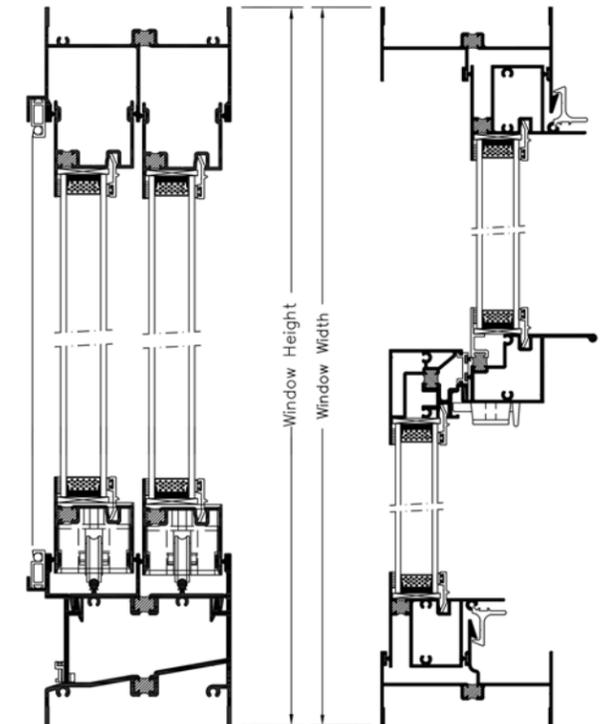
Series 526B
(Scale 1/4"=1")
2 5/8" frame depth shown



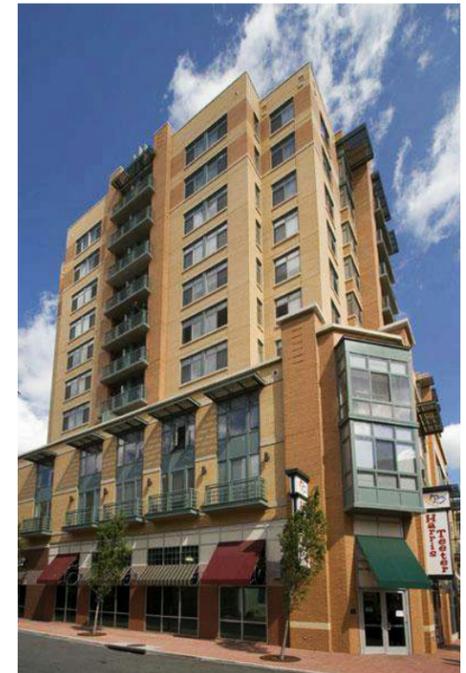
Series 527
(Scale 1/4"=1")
2 5/8" frame depth



Series 725
(Scale 1/4"=1")
3 1/4" frame depth



Series 4125
(Scale 1/4"=1")
4" frame depth



The Delancey Apartments - Arlington, VA
525 sliding window, 750 fixed window
900 casement window, 1400 terrace door
1420 dual terrace door
Comfort E2, custom color insulated panels
Dwarf Spruce custom powder coat finish

* CAD files in DWG and PDF format and specifications for most products can be downloaded from www.thermalwindows.com/cad

AAMA 2604 Powder Coat Finishes*

Tier 1 Colors¹



White



Almond



Sandstone



Bronze

Tier 2 Colors²



Light Green



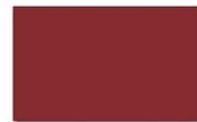
Dark Green



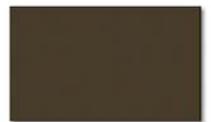
Medium Blue



Bone White



Brick Red



Medium Bronze



Dauphin Gray



Dark Gray



Black



Crema

* AAMA 2605 finishes are also available.

Custom colors are available. Minimums apply - Contact us for details.

¹ No Minimum Volume Requirement applies to Tier 1 finishes.

² Minimum Volume Requirements Apply to Tier 2 finishes. 3,000 sq.ft. or more at standard pricing. Smaller quantities are available at an additional cost.

Hardware and vinyl colors are subject to manufacturer specifications. Colors shown are for general information only. It cannot be assumed that final finishes will match these examples.

About Thermal Windows, Inc.

Thermal Windows, Inc. is celebrating over 40 years of quality window design and production. We manufacture energy efficient aluminum windows, sliding glass doors and terrace doors for commercial and residential retrofit and new construction. Founded by Bob G. Pool in 1979, the company has grown steadily to become one of the top window manufacturers in America. Sales and manufacturing operations in Tulsa, Oklahoma occupy over 300,000 sq.ft. There are company showrooms in Tulsa and Oklahoma City, as well as dealers in nearly every state.

Our in-house research, design and testing programs provide continuous quality assurance. Our testing equipment is calibrated by a certified AAMA laboratory. All testing is conducted by certified AAMA technicians. In manufacturing, we monitor quality in our powder coat, debridging and insulating glass facilities to maintain a high degree of control over critical areas of window production. Our insulating glass line consistently provides Class "A" certification I.G. units.

In addition to our commitment to testing and upgrading existing products, we continue to design new products to meet the fenestration needs of the residential, commercial and heavy commercial markets.



Corporate headquarters, manufacturing plant and showroom in Tulsa, Oklahoma



Our central location allows us to ship economically throughout the U.S.A.



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Corporate Headquarters & Manufacturing Plant

12805 E. 31st Street • Tulsa, OK 74146
 Tel: (918) 663-7580 • Fax: (918) 665-2197
www.thermalwindows.com
 Email: info@thermalwindows.com

(800) 259-7580



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