



TEZA 55 Series

Hydraulic Awning Window

Explore a world of possibilities with TEZA Doors and Windows, where we don't just open doors, we create entrances to a better living. Welcome home.



TEZA's Hydraulic awning windows are top-hinged and open outward from the bottom, providing excellent ventilation and protection from the rain.

Product Overview

The TEZA 55 Series Hydraulic Awning Window features a high-quality hydraulic mechanism, allowing for smooth operation and secure sealing. Built with a durable aluminum frame, this window provides excellent durability and long-term performance. The customizable glass options, including frosted and smart glass, allow for flexibility in both aesthetics and privacy. The window is designed for easy maintenance and reliable functionality, making it a perfect choice for spaces requiring both style and performance.

Limitations:

The TEZA 55 Series Hydraulic Awning Window is available in widths ranging from 18" to 60" and heights from 30" to 52". These specifications ensure smooth operation and structural stability. It is crucial to adhere to these size limitations to maintain optimal performance and functionality. Any installations outside of these dimensions may affect the window’s operation and durability.

Energy Efficiency

The TEZA 55 Series Awning Window boasts a U-value of 0.30 for standard low-E, dual-pane glass, ensuring excellent energy efficiency. The glass can be customized with various coatings, tints, and thicknesses to enhance privacy, protection, and thermal performance. Additionally, the thermally broken aluminum frame provides an insulating barrier, further improving energy efficiency.

Performance Chart

Frame Material	Aluminum 6063-TS
Frame Thickness	1.72mm DSLS115ZB-02A
U-Factor	0.30
Argon Fill	90%
Solar Heat Gain Coefficient	0.23
Visible Transmittance	0.51
Air Leakage	0.30
Sound Performance	0.30
Wind Load Resistance	77 mph

Inspection Report

No.	Inspection Item	Unit Symbol	Standard Requirement	Inspection Result	Result
1	Mg	%	0.45-0.9	0.46	Qualified
2	Si	%	0.20-0.6	0.38	Qualified
3	Fe	%	≤0.35	0.16	Qualified
4	Cu	%	≤0.10	0.03	Qualified
5	Zn	%	≤0.10	0.03	Qualified
6	Mn	%	≤0.10	0.03	Qualified
7	Cr	%	≤0.10	0.02	Qualified
8	Ti	%	≤0.10	0.03	Qualified

Awning Windows Comparison Chart

Feature	115 Series Awning Window	55 Series Pocket Hydraulic Awning Window
Thermal and Sound Insulation	✓	✓
Thermal Broken Aluminum	✓	✓
Seaside Option	✓	✓
Double and Triple Pane Glass	✓	✓
Corner Option	✓	✓
Max Panels	—	—
Maximum Height	—	—
Maximum Panel Width	—	—
Low Threshold Option	✓	✓
Wide Range of Threshold Options	✓	✓
Child Finger Safe	✓	✓
Three-Point Locking System with Key	✓	✓
Slim Profile Distance Between Glass	—	—
Easy Clean Opened Track Threshold Option	—	—
Retractable Screen Option	—	—
Price	\$\$\$	\$\$\$
Aluminum Thickness	Standard Aluminum	Standard Aluminum
Heavy Duty Hardware	—	—
Adjustable Hardware	—	—

TEZA 55 Series Hydraulic Awning Window Features

Feature	TEZA 55 Series Hydraulic Awning Window
Design	Hydraulic Mechanism for Smooth Operation
Material	Durable Aluminum Frame
Glass Options	Customizable (Frosted Glass, Smart Glass)
Weather Protection	Secure Seal for Weather Tightness
Ventilation	Adjustable Opening for Optimal Airflow
Minimum Width	18"
Maximum Width	60"
Minimum Height	30"
Maximum Height	52"

Glass Options

-Clear Glass (1/4" - 5mm)

Clear glass offers transparency and excellent visibility, allowing natural light to flood interior spaces.

-Insulation Glass (Online) (1/4" - 5mm)

This glass integrates low emissivity (low-e) properties directly into its composition, enhancing performance and durability. It provides superior thermal insulation benefits.

-Low-E 2 Glass (Offline) (1/4" - 5mm)

TEZA's Low-E3 Glass is designed to reject solar heat while maintaining visibility and offering exceptional fading protection. It adapts to various climates and blocks 85% of harmful UV rays.

-Low-E 4 Glass (Offline) (1/4" - 5mm)

TEZA Low-E4 Glass offers enhanced light transmittance combined with superior solar control. It reflects heat back into the home in winter and blocks 90% of solar heat. It includes 20% more tint visibility than standard glass.

-Triple Panel Glass (1/4" - 5mm)

Each pane of glass is separated by an air gap, enhancing sound absorption and blocking sound transmission. This design reduces outside noise infiltration into interior spaces.

Glass Type	U-Factor How well a product prevents heat from escaping.	Solar Heat Gain Coefficient How well a product blocks heat caused by sunlight.	Visible Light Transmittance How much visible light comes through a product.	UV Protection How well a product blocks ultraviolet rays.
Insulation Glass (Online)	★★★★☆	★★★★☆	★★★★☆	★★★★☆
Low-E 2 Glass (Offline)	★★★★☆	★★★★☆	★★★★☆	★★★★☆
Low-E 4 Glass (Offline)	★★★★★	★★★★☆	★★★★☆	★★★★☆
Triple Panel Glass	★★★★★	★★★★★	★★★★★	★★★★★

Dual Insulating Glass Construction	STC	OITC*	Frequency (Hz)															
			100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150
			Sound Transmission Loss (bB)															
1" overall- ¼", glass, ½", airspace, ¼" glass	35	30	27	24	29	22	22	25	30	33	35	35	38	40	42	37	37	43
1" overall- ¼", glass, ½", airspace, ¼" glass	38	31	27	23	28	21	27	29	34	35	37	37	41	43	45	44	39	46
Triple Insulating Glass Construction	STC	OITC*	Frequency (Hz)															
			100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150
			Sound Transmission Loss (dB)															
1- ¾" overall - ¼" glass, ½" airspace, ¼" glass, ½" airspace, ¼" glass	39	31	25	22	29	24	25	29	34	37	40	40	43	46	48	47	41	47
2- ¾" overall - 3/8" glass, ¾" airspace, 5/16", glass ¾" airspace, 1/4" glass, 0.60" PVB, ¼" glass	45	35	33	30	34	37	39	43	44	45	46	46	43	41	43	49	55	57

Finishes and Colors

Our finishes come in both in-stock and designer selections, and can be customized to match almost any color. Standard options include Bronze Anodized and Satin Anodized, featuring a Class 1 coating thickness for enhanced smoothness and durability. Our designer colors boast a high-quality paint finish that meets the AAMA-2605 rating, the highest standard for organic finishes.

Color Choice



Cartier Black



Cartier White



White Oak



Cartier Silver



Ash



Hainan Scented
Rosewood



Gold Oak



Walnut Wood



Mocha Coffee



Cartier Dark Coffee



Indians Red Oak

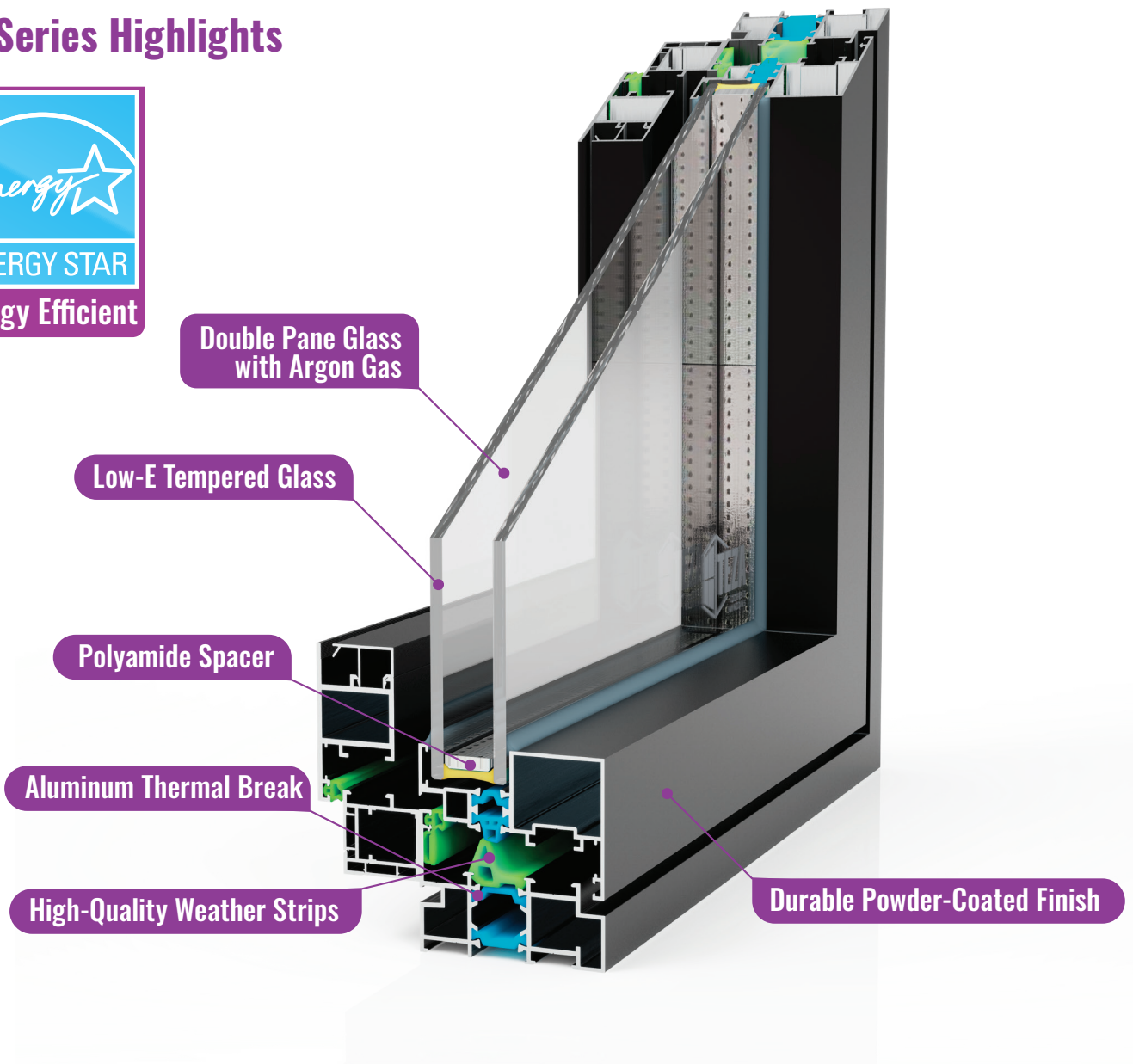


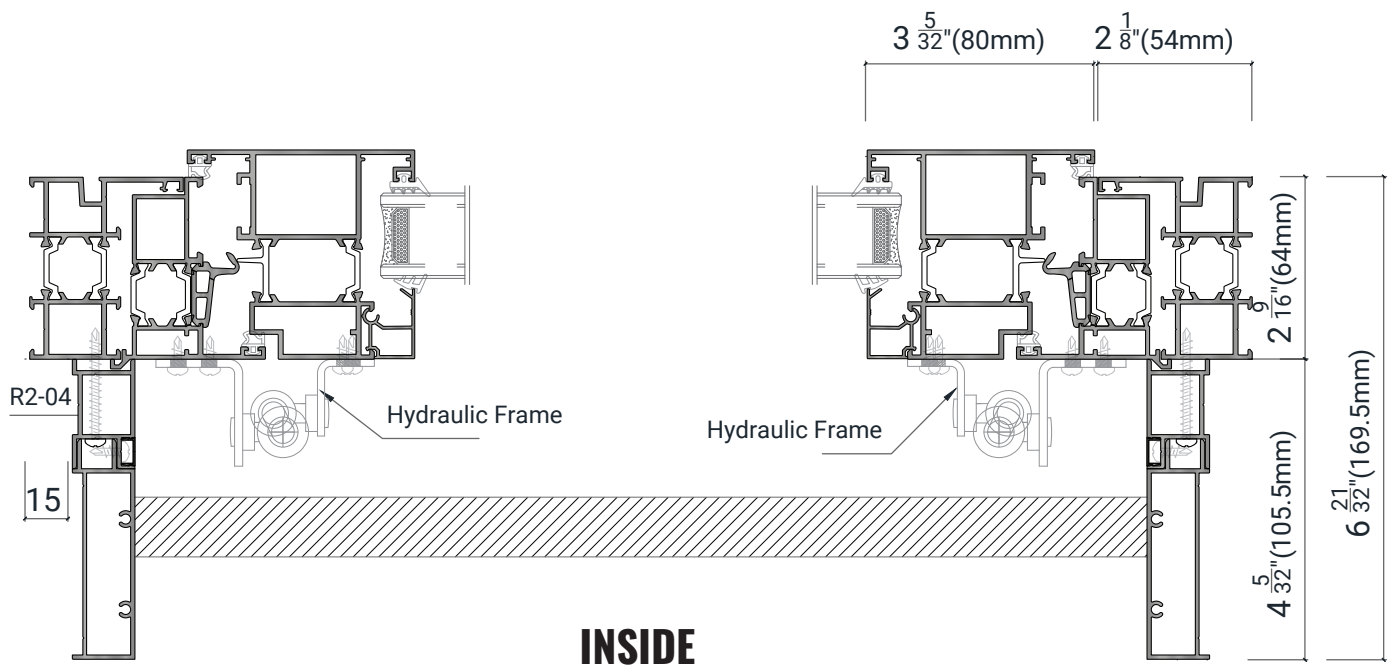
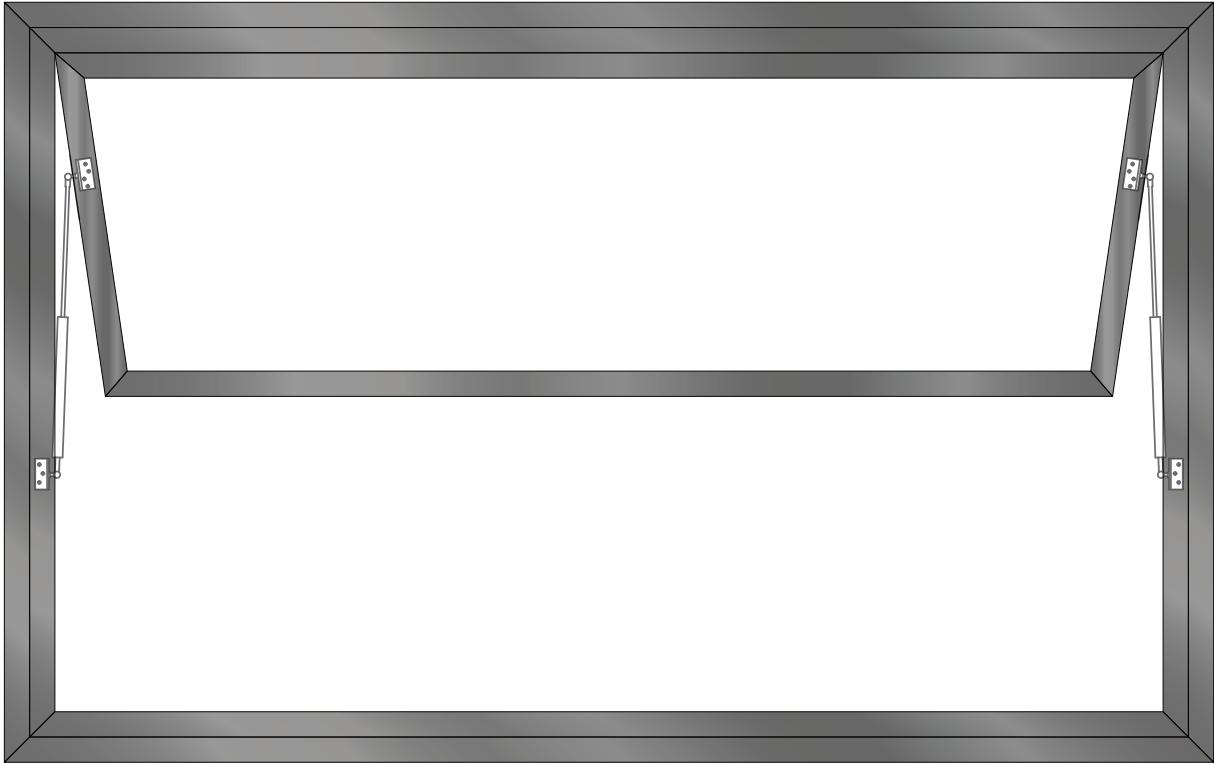
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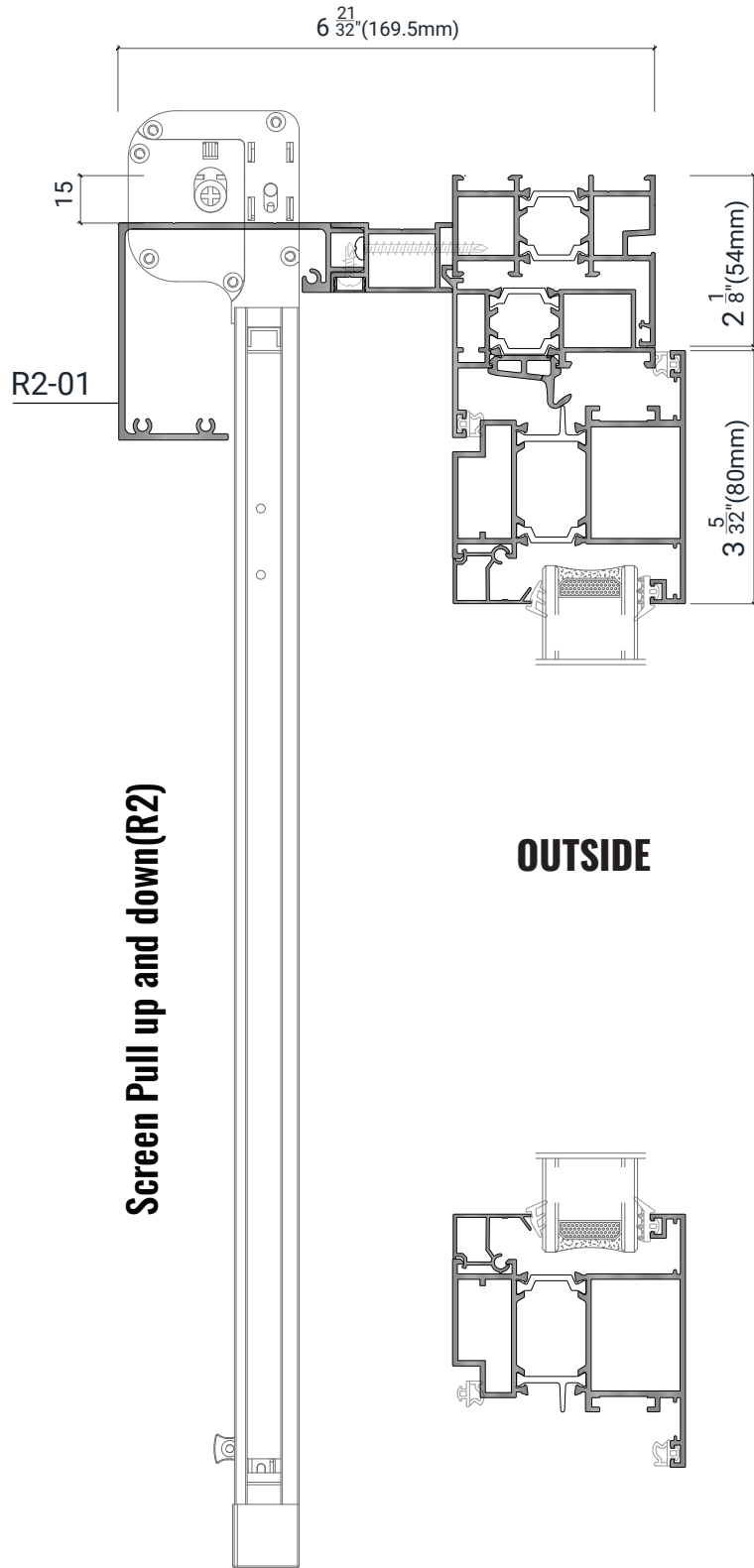
Grille Options

Sizes	10mm*15.6mm, 35mm*24.5mm, 14.8mm*26mm, 12mm*20mm, 10mm*19mm,10mm*15mm
Style	Full Divided Light, Simulated Divided Light, Convenient Cleaning Options
Permanent Exterior Permanent Interior with Spacer	Full Divided Light An authentic look with full divided light grilles that are permanently applied to the interior and exterior of your patio door with spacer between the glass.
Permanent Exterior Permanent Interior	Simulated Divided Light Simulated divided light offers permanent grilles on the exterior and interior with no spacer between the glass.
Permanent Exterior Removable Interior	
Removable Interior Grille	Convenient Cleaning Options Removable interior grilles are easy to detach for cleaning. They are installed between the glass panels and come with a contoured profile of either 1" or ¾".
FineLight Grilles Between the Glass	

55 Series Highlights



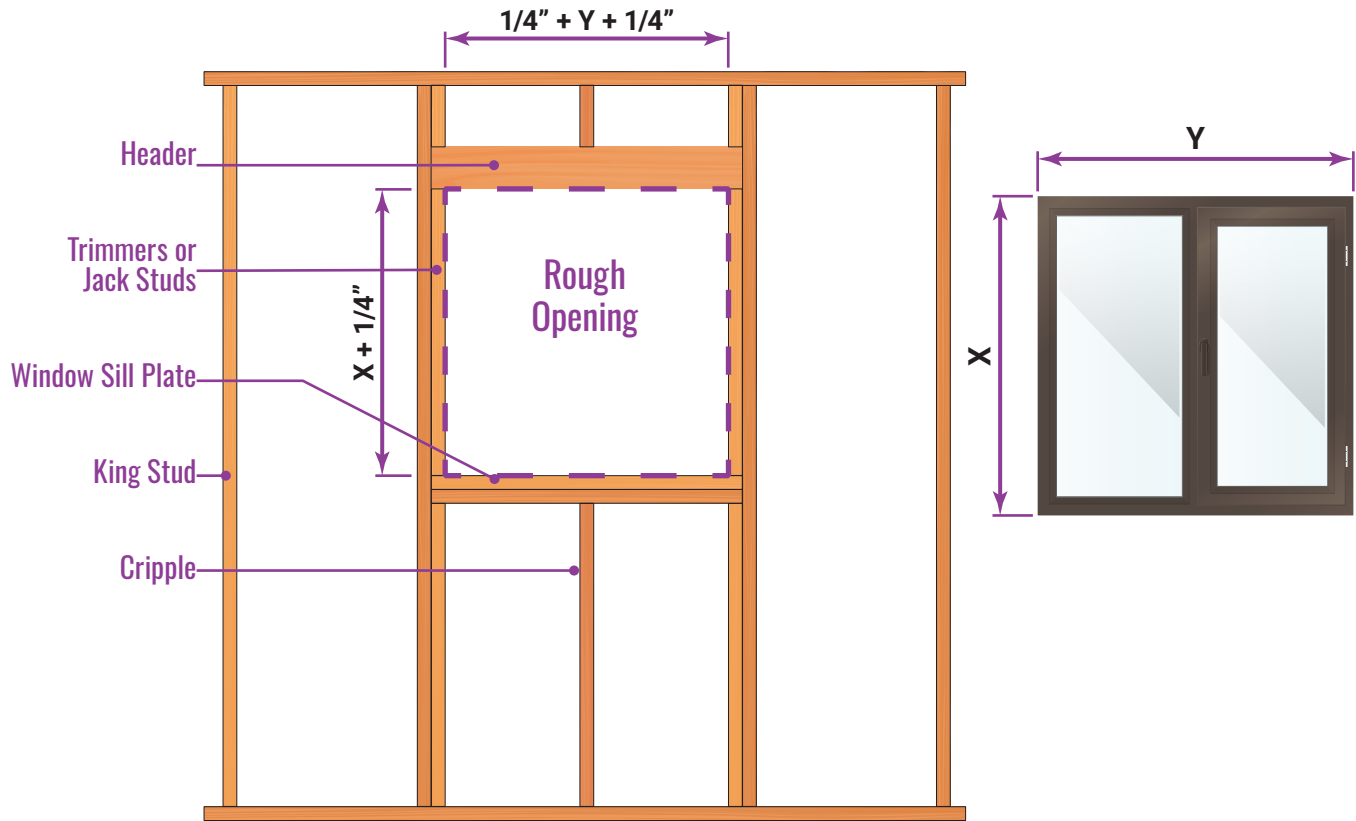




Measurements and Rough Opening

TEZA products sizes behind the frame to frame, and sizes on the invoice will be exact sizes of products. For rough opening requires $1/4"$ to each

Installation is the sole responsibility of the distributor, user contractor, or their representative.



Inspection Report

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1	Mg	%	0.45-0.9	0.46	Qualified
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Notes

- All TEZA window series flanges are included.
- Flanges are 1" in height and installed with screws.
- For rough opening size, allow a minimum 1/4" gap between the window and rough opening.
- All dimensions are in feet and inches.
- All dimensions are to be checked on site.
- Any discrepancy between the architectural drawing and other drawings relevant for construction should be notified before commencement.
- Sill pans are required by code for doors and windows.



TEZA's aluminum products are exceptionally recyclable. In fact, aluminum is one of the most recyclable materials on the planet, capable of being recycled repeatedly without losing its quality or integrity.



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