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Builders Vinyl

PRODUCT SPECIFICATIONS

MATERIALS

The extruded vinyl profiles comply with the performance requirements of AAMA 303-97. The colors extend through the profile of the extrusion with White and Desert Sand colors available. An Almond color is available in select Western markets.

FRAME

All frames and sash are assembled using fusion-welding technology for added strength and durability. The frame jamb width is 2-29/32" (74mm), and the nominal extrusion exterior wall thickness is 0.060". The wall depth of the single hung product is 1-19/32". The frame incorporates an integral nailing fin which can be easily removed to allow the unit to be used in a replacement window application. The replacement product option includes a head expander and a sloped sill adapter which can be modified to accommodate various slope sills. Weep holes are included on the frame to ensure standing water is directed to the exterior plane of the unit. An interior and exterior accessory groove is standard to accommodate various frame accessory and assembly options on the product. An optional brickmould with integral j-channel and flat casing profiles are available for select Eastern markets. An optional integral stucco key integral dual-wall flush fin profiles are available for specific applications in select Western markets.

SASH

The side load sash is a 1-1/2" (38.1mm) nominal thickness, and is assembled using fusion-welding technology for added strength and durability. The sash in the brickmould option is a 1-3/8" (35.1mm) nominal thickness. The sash also uses a steel reinforcement bar in the horizontal meeting rails for additional strength. The fixed upper glass is direct set into the unit frame.

GLAZING

3/4" (19mm) insulated glass consist of two lites of glass sealed around a spacer. The glass is mounted into the sash using a silicone-glazing compound. The insulating glass units comply with the performance requirements of the IGCC in accordance with either ASTM E774 or E2190. All units except the brickmould product are exterior glazed.

GLAZING OPTIONS

3/4" (19mm) insulated glass is available in clear, Low-E or Low-E 366, tinted, obscure or other specialty insulating glass as specified. Many glass options are available in tempered glazings. A single use reglazable drywall unit option is available, allowing the user to remove the upper glass and meeting rail. A V-groove option is available in select markets.

WEATHERSTRIPPING

A fin-pile weatherstrip is applied along dual perimeter of the operating sash. The meeting rails utilize an integral extruded interlock to provide exceptional performance.

HARDWARE

The exclusive WEN-Lock™ with visible latch indicator or a single action cam style lock is available on all windows. Block and tackle balance systems are utilized to support the vertical operation of the sash. Balance retainer clips are attached to the side jambs of the windows to retain the balances during the sash removal process.

INSECT SCREENS

The optional fiberglass charcoal color insect screen is set in an aluminum frame to match the color of the unit. The screen is secured to the window using a pin and spring loaded plunger system. Insect screens are intended to allow air and light in and to keep insects out. They are not intended to keep anyone or anything from falling through an open door or window. For safety screens or other security devices contact your local building supply retailer.

GRILLES

GBG (Grilles between the Glass) - 5/8" (16mm) and 7/8" (22.2mm) flat or 1" (26mm) contour grilles mounted between the glass panes suspended within the air cavity and color matched to the extrusion color. A V-groove option is available in select markets.

EXTENSION JAMBS

Extension jambs are regionally available for JELD-WEN vinyl products. The 9/16" extension jambs are available in pine clear vinyl wrapped, primed wood, red oak and maple finishes and can be specified on three or four sides of the product.

ADDITIONAL ACCESSORIES

Additional accessories are available for JELD-WEN Vinyl products. Please contact your local building supply retailer for a complete listing of the additional accessories.

INSTALLATION

Installation per JELD-WEN Installation Method for Vinyl Windows JII001, JII010 or JII011. See www.jeld-wen.com/resources for instructions.

PERFORMANCE

NFRC Certified - (rated and labeled in accordance with NFRC)

AAMA/NWDMA I.S.2-97

R20-DP rated

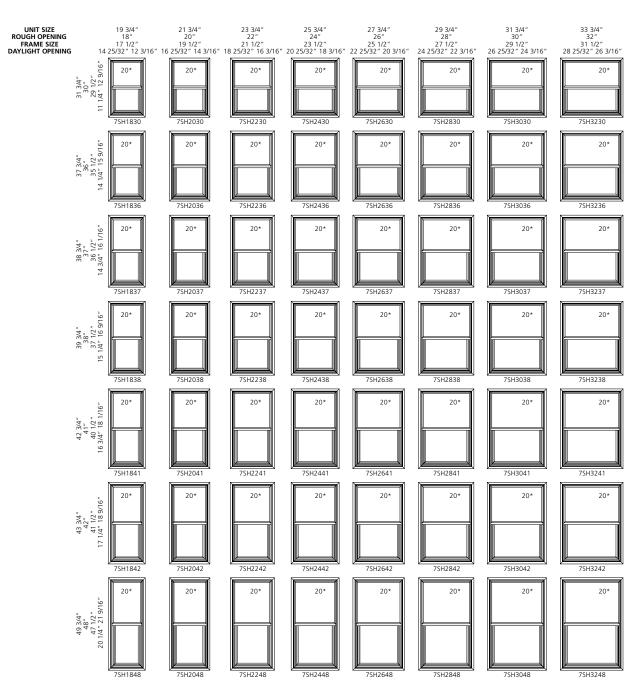


QUICK SPEC GUIDE

SPECIFICATION	STANDARD FEATURES	OPTIONAL FEATURES Some options may require additional lead times. Consult your JELD-WEN Sales Representative.	
COLOR	White	 Almond Desert Sand not available in all regions 	
SIZE	Width: 18" to 48" Height: 24" to 77"		
FRAME	Integral Nail Fin	 Pocket/Block Frame Integral Dual Wall Flush Fin (West) Integral Stucco Fin w/stucco key (West) 	
GLAZING	Insulating Low-E	Clear Low-E 366 Rain Low-E Keep Clean Obscure Bronze Gray Clear Rain Azurlite Laminated All glass available tempered regional glass availabilities may differ	
HARDWARE	Block and Tackle Balance System WEN-Lock™ Side Removable Take out Clips	Cam Lock	
HARDWARE COLOR	Color matched to extrusion		
SCREENS	Fiberglass		
SCREEN FRAME COLOR	Color matched to extrusion		
GRILLES		 1" Contour GBG (grilles between the glass) 5/8" Flat GBG (grilles between the glass) 5/8" Contour GBG (grilles between the glass) (East) 7/8" Flat GBG (grilles between the glass) (East) 	
JAMB DEPTH	• 2-29/32"	 Integral J-channel (East) - 2-29/32" Integral Dual Wall Flush Fin (West) - 2-29/32" Integral Stucco Fin w/stucco key (West) - 2-29/32" 4-9/16" Extension Jambs Applied (East only) 6-9/16" Extension Jambs Applied (East only) 	
ACCESSORIES		 Extension Jamb Retainer Drip Cap Drywall Retainer 14 Degree Sloped Sill Adapter (factory applied available) Head and Sill Expander 	



SINGLE-HUNG SIDE LOAD



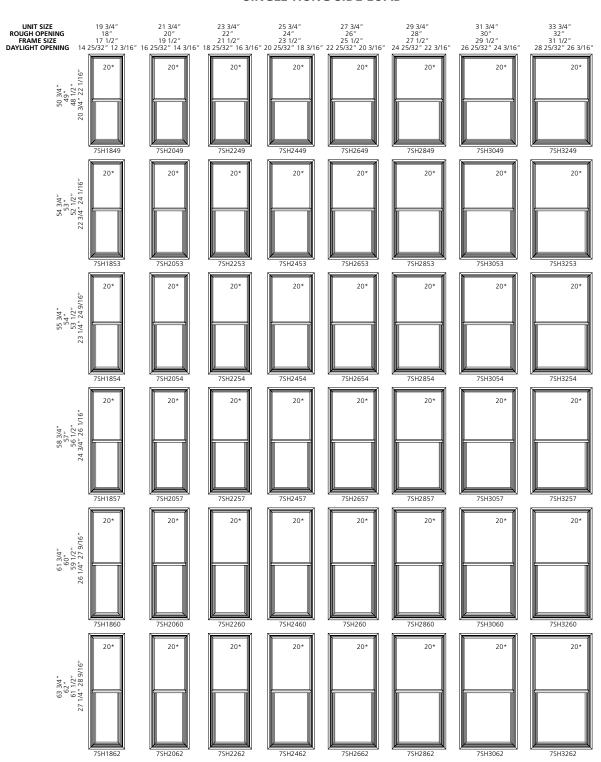
ELEVATION SYMBOL LEGEND:

##* NUMBER INDICATES DESIGN PRESSURE (DP) RATING WITH STANDARD GLAZING.



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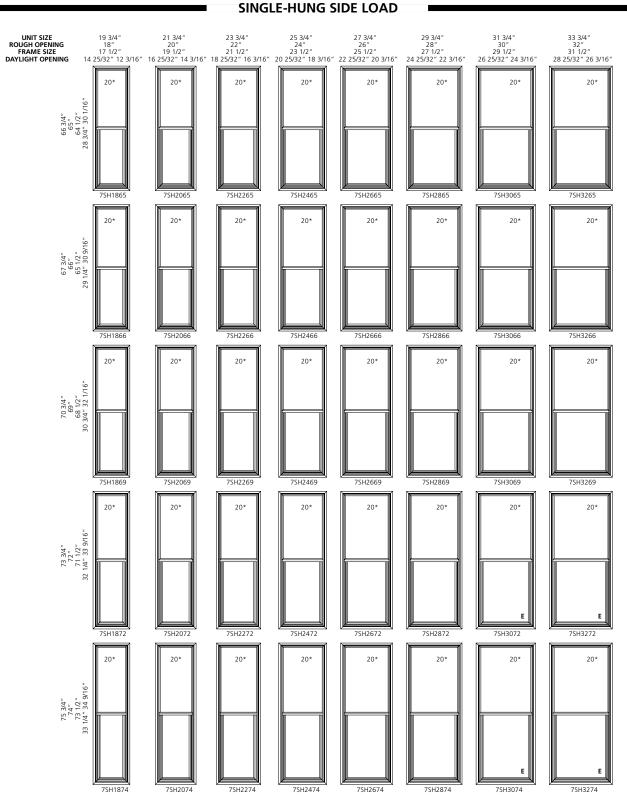
SINGLE-HUNG SIDE LOAD



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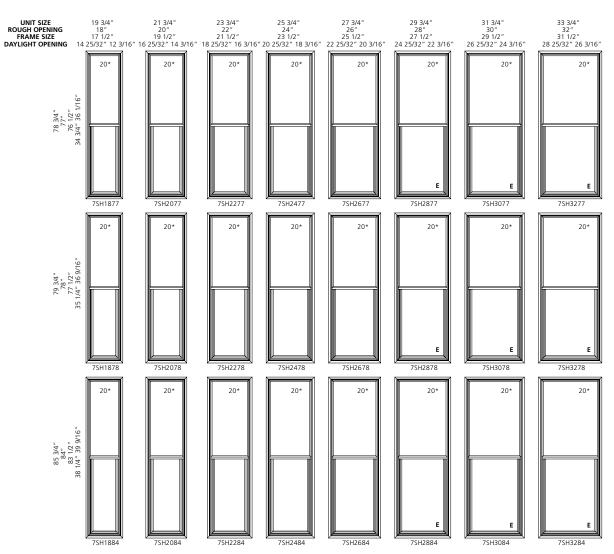
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SINGLE-HUNG SIDE LOAD

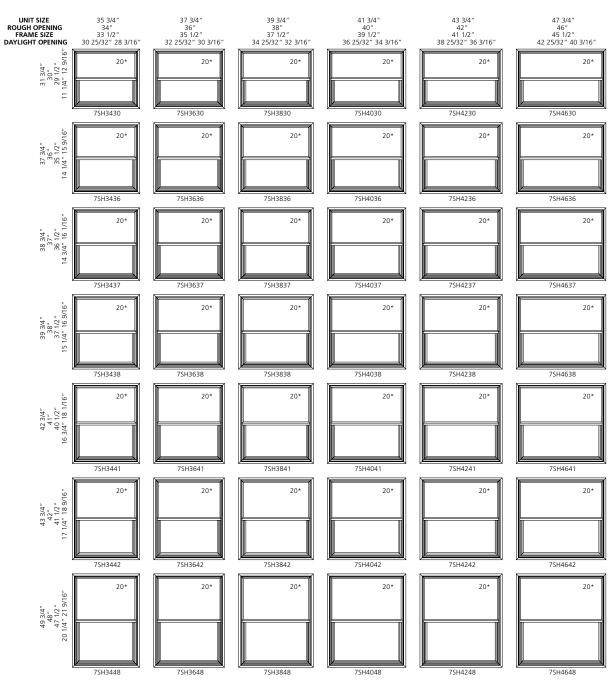


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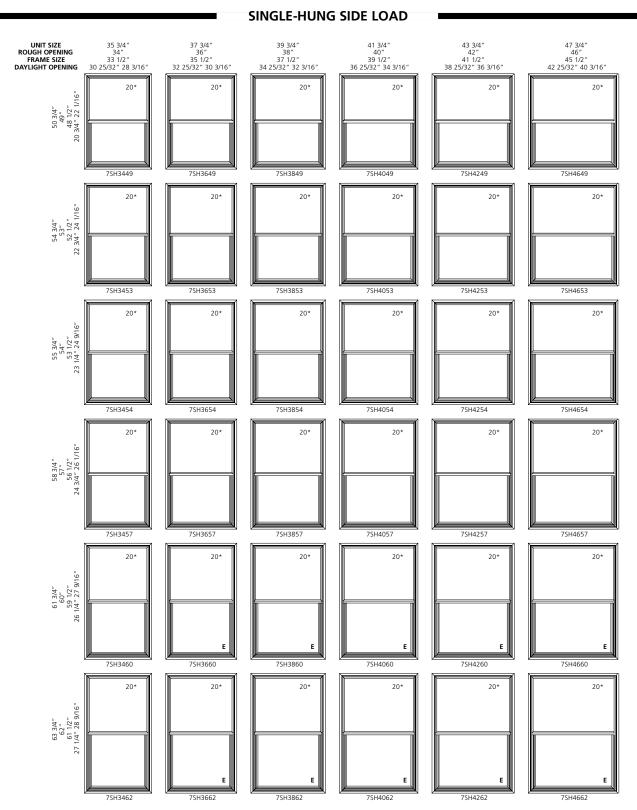


SINGLE-HUNG SIDE LOAD



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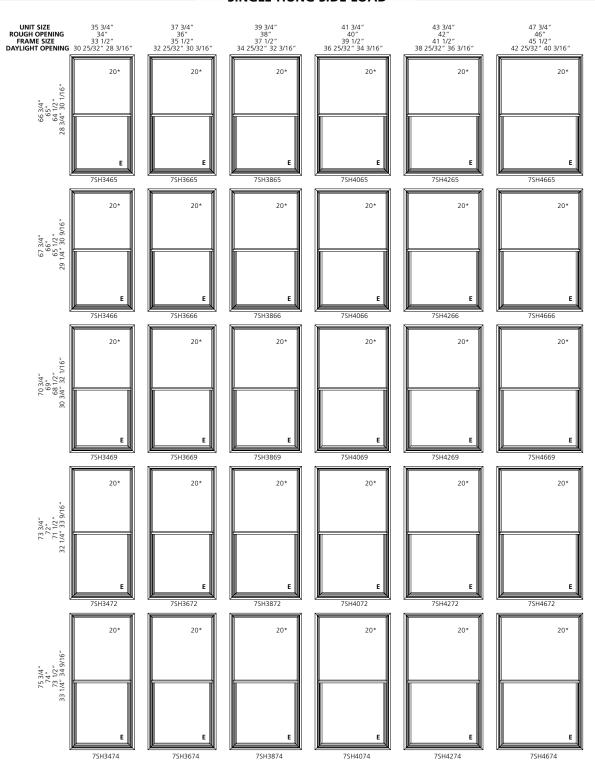


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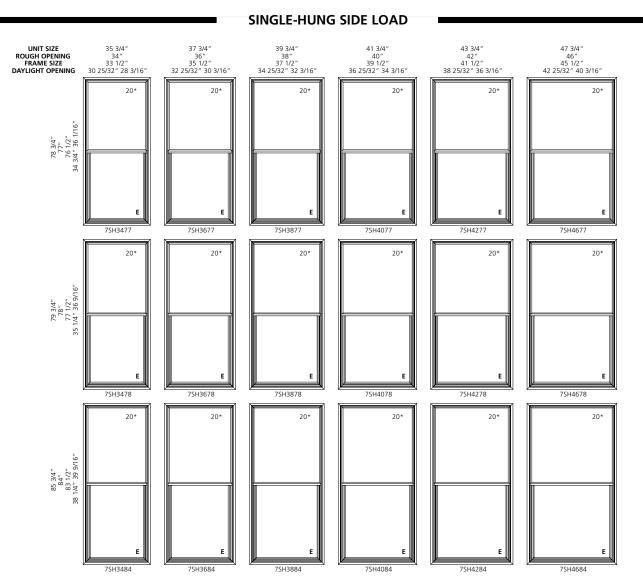
SINGLE-HUNG SIDE LOAD



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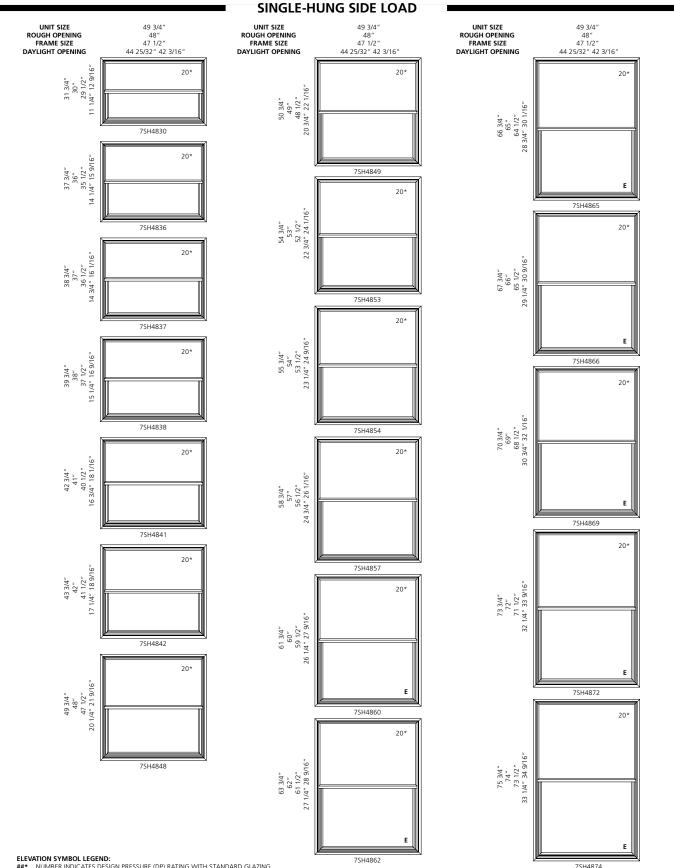


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TSH4862

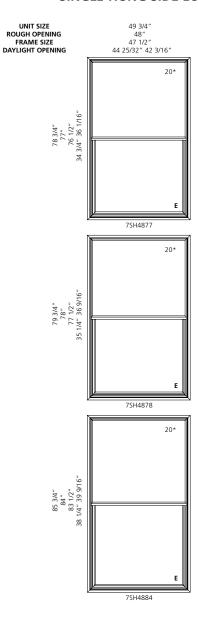
TSH

SCALE: 1/4" = 1'



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SINGLE-HUNG SIDE LOAD



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2-WIDE SINGLE-HUNG SIDE LOAD 37 3/4" 36" 35 1/2" 14 25/32"[2] 12 3/16"[2] 41 3/4" 40" 39 1/2" 16 25/32"[2] 14 3/16"[2] 53 3/4" 52" 51 1/2" 22 25/32"[2] 20 3/16"[2] 61 3/4" 60" 59 1/2" 26 25/32"[2] 24 3/16"[2] 65 3/4" 64" 63 1/2" 28 25/32"[2] 26 3/16"[2] 45 3/4" 44" 43 1/2" 18 25/32"[2] 16 3/16"[2] UNIT SIZE ROUGH OPENING FRAME SIZE DAYLIGHT OPENING 57 3/4" 56" 55 1/2" 24 25/32"[2] 22 3/16"[2] 49 3/4" 48" 47 1/2" 20 25/32"[2] 18 3/16"[2] 31 3/4" 30" 29 1/2" 12 9/16"[2] 11 1/4"[2] 7SH4830-2 7SH6030-2 7SH6430-2 37 3/4" 36" 35 1/2" 15 9/16"[2] 14 1/4"[2] 38 3/4" 37" 36 1/2" 16 1/16"[2] 14 3/4"[2] 7SH4837-2 7SH5237-2 7SH5637-2 7SH6037-2 7SH6437-2 393/4" 38" 371/2" 169/16"[2] 151/4"[2] 7SH6438-2 7SH6038-2 42 3/4" 41" 40 1/2" 18 1/16"[2] 16 3/4"[2] 7SH6041-2 7SH6441-2 7SH6448-2 50 3/4" 49" 48 1/2" 22 1/16"[2] 20 3/4" [2] 543/4" 53" 521/2" 241/16"[2] 223/4"[2] 7SH6053-2 7SH6453-2 55 3/4" 54" 53 1/2" 24 9/16"[2] 23 1/4"[2] 7SH5254-2 7SH5654-2 7SH6054-2 7SH6454-2 58 3/4" 57" 56 1/2" 26 1/16"[2] 24 3/4"[2] 7SH6057-2 7SH6457-2 61 3/4" 60" 59 1/2" 27 9/16"[2] 26 1/4"[2]

ELEVATION SYMBOL LEGEND:VALUES IN [] ARE NUMBER OF DAYLIGHT OPENINGS PER UNIT



Builders Vinyl

2-WIDE SINGLE-HUNG SIDE LOAD 37 3/4" 61 3/4" 65 3/4" 45 3/4" 49 3/4" 53 3/4" 57 3/4" **UNIT SIZE** 41 3/4" 56" 55 1/2" 24 25/32"[2] 22 3/16"[2] 36" 35 1/2" 14 25/32"[2] 12 3/16"[2] 40" 39 1/2" 16 25/32"[2] 14 3/16"[2] 44" 43 1/2" 18 25/32"[2] 16 3/16"[2] 48" 47 1/2" 20 25/32"[2] 18 3/16"[2] 52" 51 1/2" 22 25/32"[2] 20 3/16"[2] 60" 59 1/2" 26 25/32"[2] 24 3/16"[2] 64" 63 1/2" 28 25/32"[2] 26 3/16"[2] ROUGH OPENING FRAME SIZE DAYLIGHT OPENING 63 3/4" 62" 61 1/2" 28 9/16"[2] 27 1/4"[2] 66 3/4" 65" 64 1/2" 30 1/16"[2] 28 3/4"[2] 7SH4065-2 7SH4465-2 7SH4865-2 7SH5265-2 7SH5665-2 7SH6065-2 7SH6465-2 67 3/4" 66" 65 1/2" 30 9/16"[2] 29 1/4"[2] 70 3/4" 69" 68 1/2" 32 1/16"[2] 30 3/4"[2] 7SH4869-2 7SH5669-2 7SH6069-2 7SH6469-2 73 3/4" 72" 71 1/2" 33 9/16"[2] 32 1/4"[2] 7SH4072-2 7SH4472-2 7SH4872-2 7SH5272-2 7SH5672-2 7SH6072-2 7SH6472-2 75 3/4" 74" 73 1/2" 34 9/16"[2] 33 1/4"[2] 7SH5674-2 7SH6074-2 7SH6474-2 7SH4874-78 3/4" 77" 76 1/2" 36 1/16"[2] 34 3/4"[2] 79 3/4" 78" 77 1/2" 36 9/16"[2] 35 1/4"[2] 7SH6078-2 7SH6478-2 85 3/4" 84" 83 1/2" 39 9/16"[2] 38 1/4"[2]

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2-WIDE SINGLE-HUNG SIDE LOAD 69 3/4" 68" 67 1/2" 30 25/32"[2] 28 3/16"[2] 73 3/4" 72" 71 1/2" 32 25/32"[2] 30 3/16"[2] 77 3/4" 76" 75 1/2" 34 25/32"[2] 32 3/16"[2] 81 3/4" 80" 79 1/2" 36 25/32"[2] 34 3/16"[2] 85 3/4" 84" 83 1/2" 38 25/32"[2] 36 3/16"[2] 93 3/4" 92" 91 1/2" 42 25/32"[2] 40 3/16"[2] UNIT SIZE ROUGH OPENING FRAME SIZE DAYLIGHT OPENING 313/4" 30" 291/2" 129/16"[2] 111/4" [2] 7SH6830-2 7SH7230-2 7SH7630-2 7SH8030-2 7SH8430-2 7SH8436-2 7SH9236-2 7SH6836-2 7SH7636-2 7SH8036-2 38 3/4" 37" 36 1/2" 16 1/16"[2] 14 3/4"[2] 7SH8437-2 7SH9237-2 7SH6837-2 7SH7237-2 7SH7637-2 7SH8037-2 39 3/4" 38" 37 1/2" 16 9/16"[2] 15 1/4"[2] 7SH8438-2 7SH9238-2 42 3/4" 41" 40 1/2" 18 1/16"[2] 16 3/4"[2] 43 3/4" 42" 41 1/2" 18 9/16"[2] 17 1/4"[2] 7SH8442-2 7SH6842-2 7SH7242-2 7SH7642-2 7SH8042-2 7SH9242-2 49 3/4" 48" 47 1/2" 21 9/16"[2] 20 1/4"[2] 7SH9248-2 50 3/4" 49" 48 1/2" 22 1/16"[2] 20 3/4"[2] 7SH8449-2 7SH9249-2 543/4" 53" 521/2" 241/16"[2] 223/4"[2] 7SH8053-2 7SH9253-2 55 3/4" 54" 53 1/2" 24 9/16"[2] 23 1/4"[2] 7SH7254-2 7SH7654-2 7SH8054-2 7SH8454-2 7SH9254-2 58 3/4" 57" 56 1/2" 26 1/16"[2] 24 3/4"[2] 7SH7657-2 7SH8457-2 7SH8057-2 7SH9257-2 61 3/4" 60" 59 1/2" 27 9/16"[2] 26 1/4"[2]

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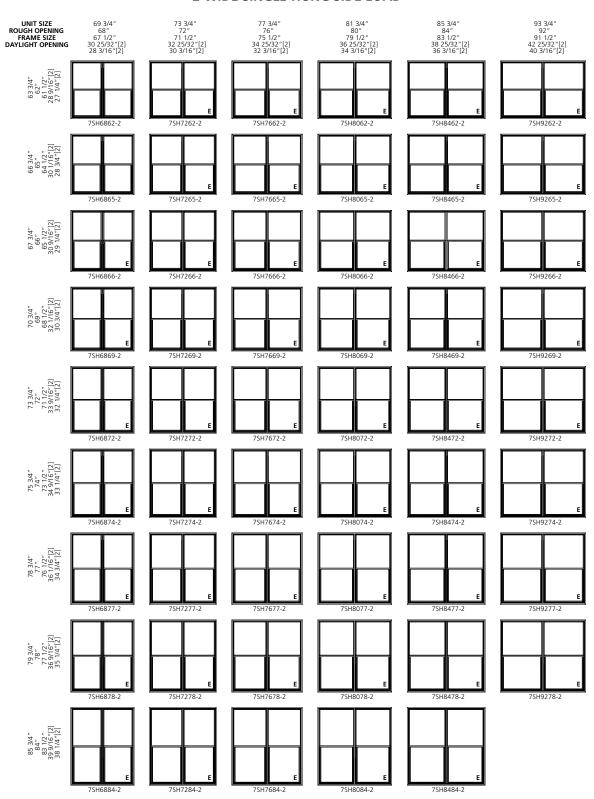
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2-WIDE SINGLE-HUNG SIDE LOAD



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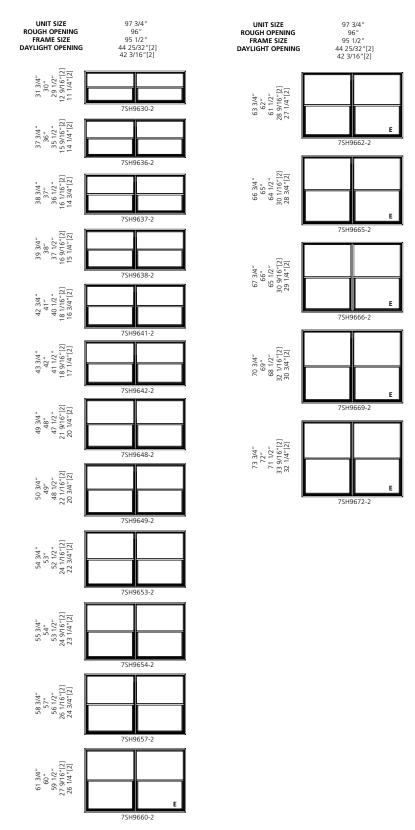
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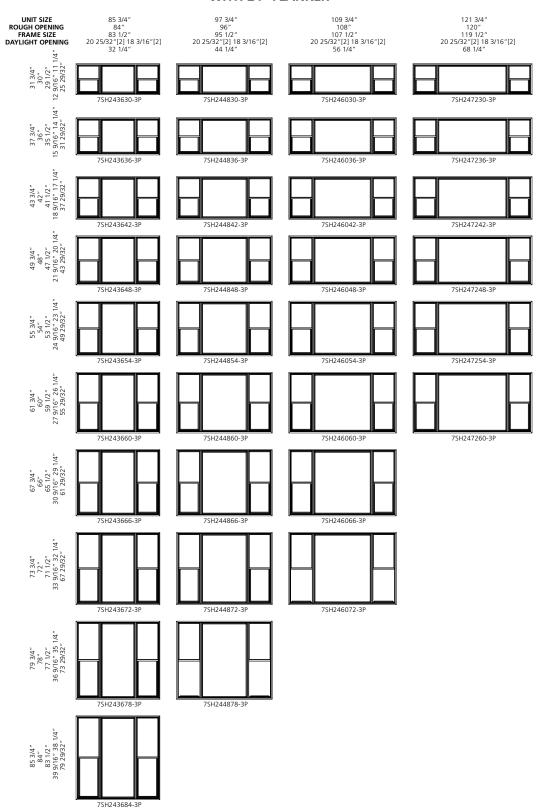
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Builders Vinyl

3-WIDE SINGLE-HUNG SIDE LOAD WITH CENTER PICTURE WITH 24" FLANKER

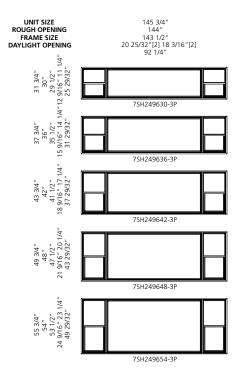


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Builders Vinyl

3-WIDE SINGLE-HUNG SIDE LOAD WITH CENTER PICTURE WITH 24" FLANKER



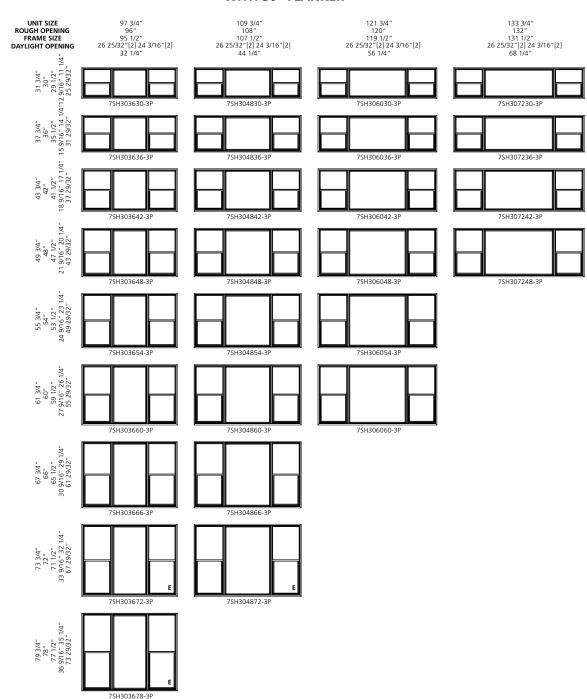
ELEVATION SYMBOL LEGEND:

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3-WIDE SINGLE-HUNG SIDE LOAD WITH CENTER PICTURE WITH 30" FLANKER



ELEVATION SYMBOL LEGEND:

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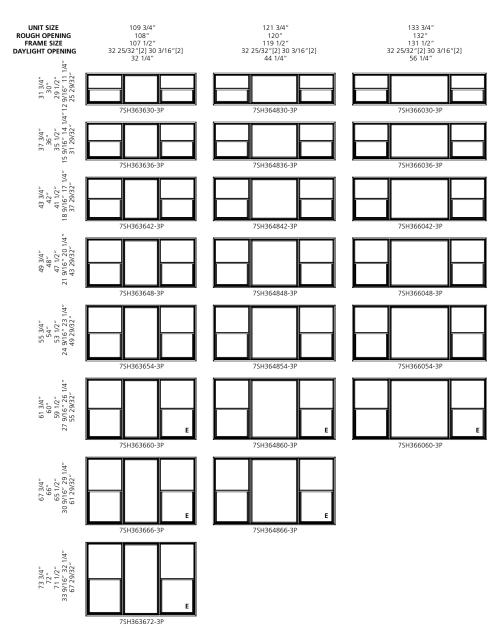
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Builders Vinyl

3-WIDE SINGLE-HUNG SIDE LOAD WITH CENTER PICTURE WITH 36" FLANKER



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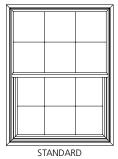
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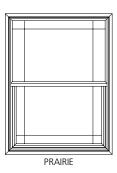
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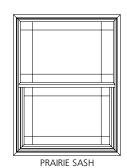


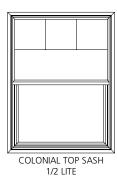
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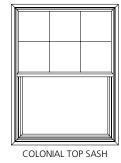
GRILLE PATTERNS



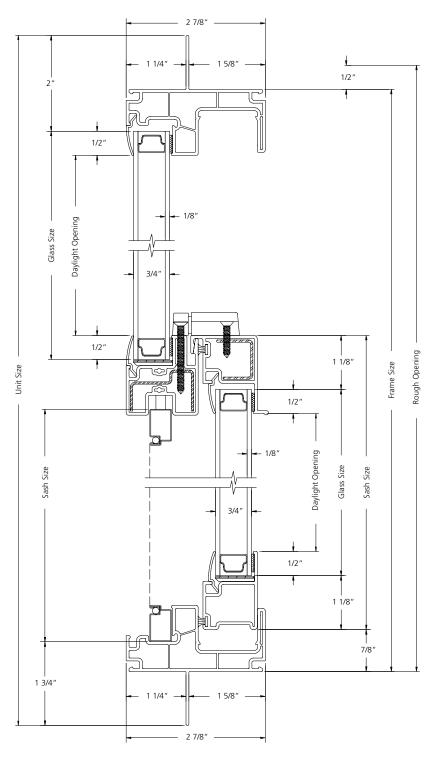






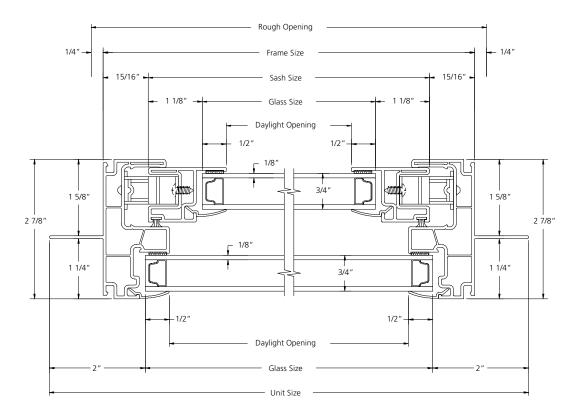


SINGLE-HUNG SIDE LOAD



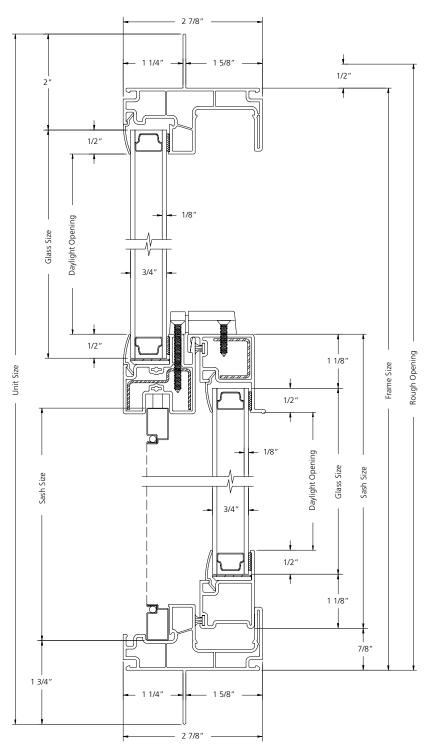
VERTICAL SECTION

SINGLE-HUNG SIDE LOAD



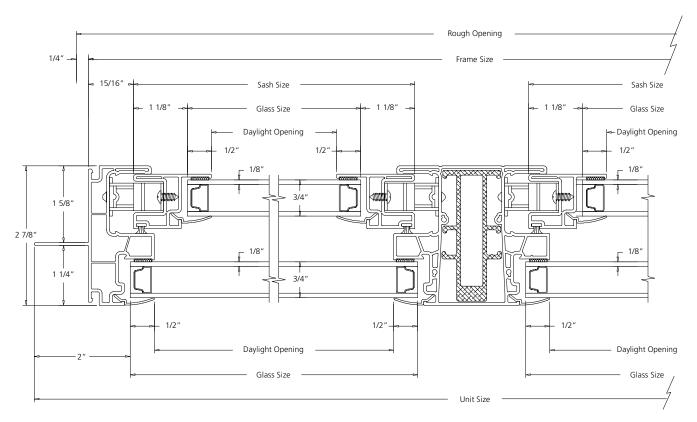
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Builders Vinyl



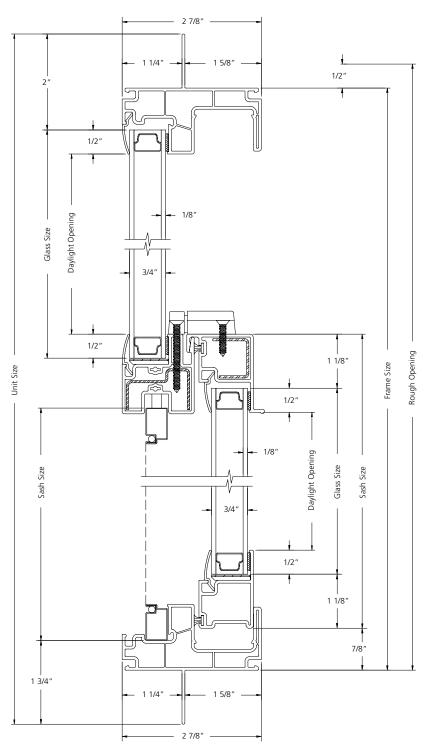
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Builders Vinyl



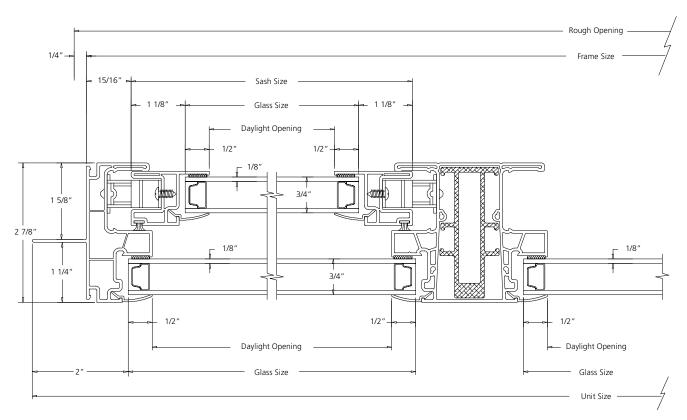
HORIZONTAL SECTION

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VERTICAL SECTION

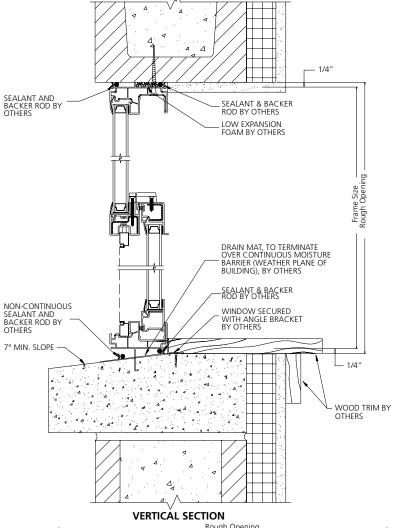
Builders Vinyl



HORIZONTAL SECTION

unders viriyi

INSTALLATION WALL DETAIL CMU



INSTALLATION:

Doors and windows to be installed per latest revision of ASTM E2112. STANDARD PRACTICE FOR INSTALLATION OF EXTERIOR WINDOWS, DOORS AND SKYLIGHTS.

Weather plane flashing must provide a continuous seal between weather plane of fenestration product and weather plane of wall system.

All metal to metal joints must be sealed after installation, this includes, but is not limited to drip caps and mullion covers.

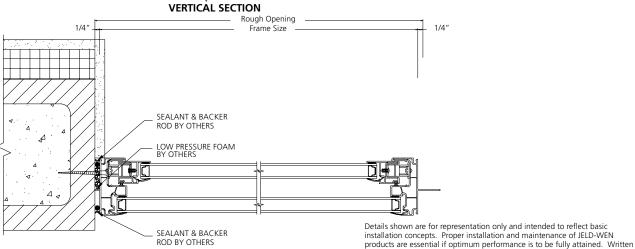
Job site "Frame to Frame" Mull joints must be silicon sealed between frames.

JELD-WEN recommends all window products be installed with a sill pan or equivalent must include back dam and side dams @ 7/8".

NOTE: Please refer to the JELD-WEN web site for installation instructions at: www.jeld-wen.com

installation instructions that provide guidelines are available on our website

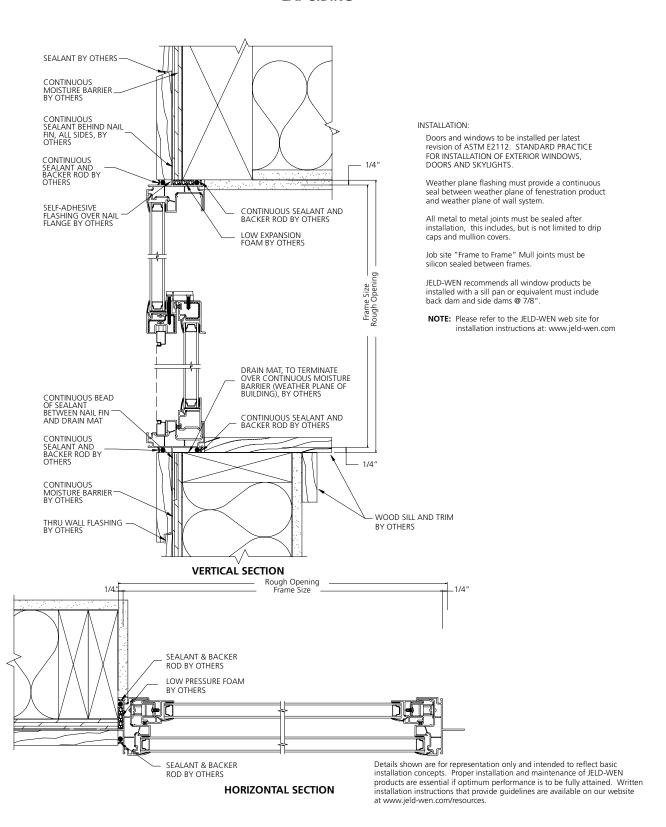
at www.jeld-wen.com/resources.



HORIZONTAL SECTION

Builders Vinyl

INSTALLATION WALL DETAIL LAP SIDING



Builders Vinyl

INSTALLATION WALL DETAIL STUCCO

