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SECTION K

Patent #: D320-682
Patent #: 6,588,146 B1



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VINYL GREENHOUSE WINDOWS

PART NO.	NOMINAL SIZE	ROUGH OPENING	FINISHED OPENING	INSIDE DIMENSION	FIN-to-FIN DIMENSION	WHITE (WH)	Almond (AM) TAN (TN)
KI3030	3'0" x 3'0"	36" x 36"	35" x 35"	34 1/2" x 34 3/4"	43" x 40 1/8"	\$1,237.50	\$1,349.50
KI3036	3'0" x 3'6"	36" x 42"	35" x 41"	34 1/2" x 40 3/4"	43" x 46 1/8"	\$1,279.50	\$1,395.50
KI3039	3'0" x 3'9"	36" x 45"	35" x 44"	34 1/2" x 43 3/4"	43" x 49 1/8"	\$1,301.00	\$1,419.00
KI3040	3'0" x 4'0"	36" x 48"	35" x 47"	34 1/2" x 46 3/4"	43" x 52 1/8"	\$1,323.50	\$1,445.50
KI3050	3'0" x 5'0"	36" x 60"	35" x 59"	34 1/2" x 58 3/4"	43" x 64 1/8"	\$1,406.00	\$1,533.50
KI4030	4'0" x 3'0"	48" x 36"	47" x 35"	46 1/2" x 34 3/4"	55" x 40 1/8"	\$1,354.50	\$1,476.50
KI4036	4'0" x 3'6"	48" x 42"	47" x 41"	46 1/2" x 40 3/4"	55" x 46 1/8"	\$1,397.50	\$1,525.00
KI4039	4'0" x 3'9"	48" x 45"	47" x 44"	46 1/2" x 43 3/4"	55" x 49 1/8"	\$1,464.00	\$1,595.50
KI4040	4'0" x 4'0"	48" x 48"	47" x 47"	46 1/2" x 46 3/4"	55" x 52 1/8"	\$1,487.50	\$1,623.00
KI4050	4'0" x 5'0"	48" x 60"	47" x 59"	46 1/2" x 58 3/4"	55" x 64 1/8"	\$1,579.50	\$1,721.50
KI5030	5'0" x 3'0"	60" x 36"	59" x 35"	58 1/2" x 34 3/4"	67" x 40 1/8"	\$1,577.00	\$1,718.50
KI5036	5'0" x 3'6"	60" x 42"	59" x 41"	58 1/2" x 40 3/4"	67" x 46 1/8"	\$1,628.50	\$1,776.00
KI5039	5'0" x 3'9"	60" x 45"	59" x 44"	58 1/2" x 43 3/4"	67" x 49 1/8"	\$1,707.50	\$1,863.00
KI5040	5'0" x 4'0"	60" x 48"	59" x 47"	58 1/2" x 46 3/4"	67" x 52 1/8"	\$1,733.50	\$1,890.50
KI5050	5'0" x 5'0"	60" x 60"	59" x 59"	58 1/2" x 58 3/4"	67" x 64 1/8"	\$1,838.50	\$2,005.00
KI6030	6'0" x 3'0"	72" x 36"	71" x 35"	70 1/2" x 34 3/4"	79" x 40 1/8"	\$1,648.00	\$1,797.50
KI6036	6'0" x 3'6"	72" x 42"	71" x 41"	70 1/2" x 40 3/4"	79" x 46 1/8"	\$1,719.50	\$1,874.50
KI6039	6'0" x 3'9"	72" x 45"	71" x 44"	70 1/2" x 43 3/4"	79" x 49 1/8"	\$1,805.00	\$1,970.00
KI6040	6'0" x 4'0"	72" x 48"	71" x 47"	70 1/2" x 46 3/4"	79" x 52 1/8"	\$1,835.00	\$2,002.00
KI6050	6'0" x 5'0"	72" x 60"	71" x 59"	70 1/2" x 58 3/4"	79" x 64 1/8"	\$1,953.00	\$2,131.50

Exterior Colors/Options:

White and Almond are in stock. Special exterior colors are available on request
Add color option required to part number above. (Example: KI3030WH)

WH = White AM = Almond TN = Tan SP = Special

Interior Colors/Options:

White Interior is standard on Special color exteriors

Black Bottom Pan is standard on Almond and Tan windows

Special Sizes Available:

Window is available in Rough Opening sizes between 2'0" x 2'6" and 6'0" x 5'0"

Special Order Form available (download at www.truframe.com/catalog)

NOTE: Customs unit cannot be cancelled or returned.

Glazing System/Options:

Low-E2 insulated top, and clear front & sides 3/4" IGUs are standard

Call factory for special glass and pricing. Single Glazing is not available

Adjustable Shelf System:

A Tempered Glass Shelf is standard. An Amplimesh Shelf is also available and can be substituted for a nominal fee.

Support Required:

Support Bracing is **STRONGLY** recommended on each end of the window. Support brackets are not included on windows under 5'0" width, but can be purchased separately. Brackets are located on page 71 for Aluminum Windows and page 79 for Vinyl Windows. Support Bracing is **REQUIRED** on each end of a window 5'0" width or greater & brackets are included (2 each) when window ordered meets or exceeds this width.

Building Codes vary greatly between States and Counties, and R. Lang Company **cannot be held liable** for knowing a customer's specific regulations or product application. It is up to the builder/contractor/architect to verify products are within compliance before order is placed.



NOTE: Vent operation will be limited for windows with a (RO) Rough Opening under 30"

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VINYL RETRO-FIT GREENHOUSE WINDOWS

PART NO.	OPENING SIZES	WHITE (WH)	ALMOND (AM) / TAN (TN)
KR3030	Up to 36" x 36"	\$1,463.00	\$1,665.50
KR3040	Up to 36" x 48"	\$1,565.50	\$1,784.00
KR3050	Up to 36" x 60"	\$1,663.00	\$1,892.00
KR4030	Up to 48" x 36"	\$1,600.50	\$1,822.50
KR4040	Up to 48" x 48"	\$1,758.00	\$2,002.00
KR4050	Up to 48" x 60"	\$1,868.00	\$2,124.00
KR5030	Up to 60" x 36"	\$1,864.50	\$2,121.00
KR5040	Up to 60" x 48"	\$2,048.00	\$2,332.00
KR5050	Up to 60" x 60"	\$2,172.50	\$2,473.00
KR6030	Up to 72" x 36"	\$1,948.00	\$2,217.50
KR6040	Up to 72" x 48"	\$2,169.00	\$2,470.50
KR6050	Up to 72" x 60"	\$2,408.00	\$2,742.50

Exterior Colors/Options:

White and Almond are in stock. Special exterior colors are available on request. Add color option required to part number above. (Example: KR3030WH)

WH = White TN = Tan AM = Almond SP = Special

Interior Colors/Options:

White Interior is standard on Special color exteriors
Black Bottom Pan is standard on Almond and Tan windows

Special Sizes Available:

Window is available in Rough Opening sizes between 2'0" x 2'6" and 6'0" x 5'0"
Special Order Form available (download at www.truframe.com/catalog)
Custom units cannot be cancelled or returned

Glazing System/Options:

Low-E2 insulated top, and clear front & side 3/4" IGUs are standard
Call factory for special glass and pricing. Single Glazing is not available.

Adjustable Shelf System:

A Tempered Glass Shelf is standard. An Amplimesh Shelf is also available and can be substituted for a nominal fee.

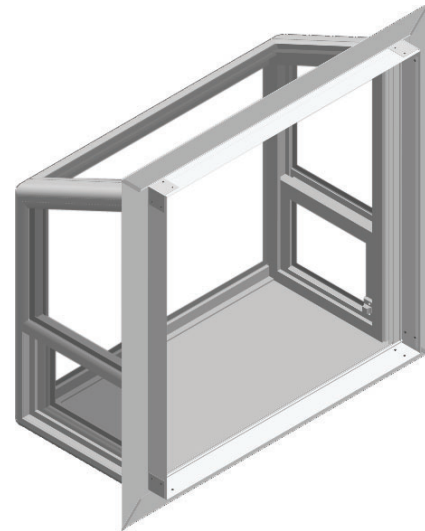
Support Required:

Support Bracing is **STRONGLY** recommended on each end of the window. Support brackets are not included on windows under 5'0" width, but can be purchased separately. Brackets are located on page 71 for Aluminum Windows and page 79 for Vinyl Windows.

Support Bracing is **REQUIRED** on each end of a window 5'0" width or greater & brackets are included (2 each) when window ordered meets or exceeds this width.

Building Codes vary greatly between States and Counties, and R. Lang Company cannot be held liable for knowing a customer's specific regulations or product application. It is up to the builder/contractor/architect to verify products are within compliance before order is placed.

NOTE: Vent operation will be limited for windows with a (RO) Rough Opening under 30".



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VINYL GREENHOUSE ~ Kit Only

PART NO.	NOMINAL SIZE	RO	GID	WHITE	ALMOND & TAN
KD3030	3'0" x 3'0"	36" x 36"	34 1/2" x 34 3/4"	\$1066.00	\$1,157.50
KD3036	3'0" x 3'6"	36" x 42"	34 1/2" x 40 3/4"	\$1096.00	\$1,190.00
KD3039	3'0" x 3'9"	36" x 45"	34 1/2" x 43 3/4"	\$1,122.00	\$1,220.00
KD3040	3'0" x 4'0"	36" x 48"	34 1/2" x 46 3/4"	\$1,147.00	\$1,250.00
KD3050	3'0" x 5'0"	36" x 60"	34 1/2" x 58 3/4"	\$1,253.00	\$1,354.50
KD4030	4'0" x 3'0"	48" x 36"	46 1/2" x 34 3/4"	\$1,145.50	\$1,280.50
KD4036	4'0" x 3'6"	48" x 42"	46 1/2" x 40 3/4"	\$1,175.50	\$1,313.00
KD4039	4'0" x 3'9"	48" x 45"	46 1/2" x 43 3/4"	\$1,201.50	\$1,343.00
KD4040	4'0" x 4'0"	48" x 48"	46 1/2" x 46 3/4"	\$1,226.50	\$1,373.00
KD4050	4'0" x 5'0"	48" x 60"	46 1/2" x 58 3/4"	\$1,332.50	\$1,477.50
KD5030	5'0" x 3'0"	60" x 36"	58 1/2" x 34 3/4"	\$1,300.50	\$1,465.50
KD5036	5'0" x 3'6"	60" x 42"	58 1/2" x 40 3/4"	\$1,330.50	\$1,498.00
KD5039	5'0" x 3'9"	60" x 45"	58 1/2" x 43 3/4"	\$1,356.50	\$1,528.00
KD5040	5'0" x 4'0"	60" x 48"	58 1/2" x 46 3/4"	\$1,381.50	\$1,558.00
KD5050	5'0" x 5'0"	60" x 60"	58 1/2" x 58 3/4"	\$1,487.50	\$1,662.50
KD6030	6'0" x 3'0"	72" x 36"	70 1/2" x 34 3/4"	\$1,420.50	\$1,607.00
KD6036	6'0" x 3'6"	72" x 42"	70 1/2" x 40 3/4"	\$1,450.50	\$1,639.50
KD6039	6'0" x 3'9"	72" x 45"	70 1/2" x 43 3/4"	\$1,476.50	\$1,669.50
KD6040	6'0" x 4'0"	72" x 48"	70 1/2" x 46 3/4"	\$1,501.50	\$1,699.50
KD6050	6'0" x 5'0"	72" x 60"	70 1/2" x 58 3/4"	\$1,607.50	\$1,804.00

HEIGHTS and WIDTHS SOLD SEPARATELY



	WHITE		ALMOND		TAN	
WIDTH	KD30MWH	\$507.00	KD30MAM	\$548.00	KD30MTN	\$548.00
	KD36MWH	\$546.50	KD36MAM	\$609.50	KD36MTN	\$609.50
	KD40MWH	\$586.50	KD40MAM	\$671.00	KD40MTN	\$671.00
	KD50MWH	\$741.50	KD50MAM	\$856.00	KD50MTN	\$856.00
	KD60MWH	\$861.50	KD60MAM	\$997.50	KD60MTN	\$997.50
HEIGHT	KD30EWH	\$559.00	KD30EAM	\$609.50	KD30ETN	\$609.50
	KD36EWH	\$589.50	KD36EAM	\$642.50	KD36ETN	\$642.50
	KD39EWH	\$615.00	KD39EAM	\$672.00	KD39ETN	\$672.00
	KD40EWH	\$640.00	KD40EAM	\$702.00	KD40ETN	\$702.00
	KD50EWH	\$746.00	KD50EAM	\$806.50	KD50ETN	\$806.50

*Any combination of height and width kits can be ordered.

Kit Includes All Of The Following:

- * Pre-Welded ends, sash and balances in place, shelf brackets attached, Etc.
- * Frame Components to size and pre-notched where necessary for a perfect fit.
- * Extruded aluminum nailing fin (around entire perimeter of window) is attached.
- * Extruded aluminum interior stiffener for added strength up front.
- * 3/4" Solid PVC baseboard cut to size and ready to install.
- * Aluminum Amplimesh shelf.
- * All trim and finish pieces already cut and mitered, simply snap/fasten in place.
- * All Stainless Steel fasteners and top-quality hardware needed are included.



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VINYL GREENHOUSE WINDOW ACCESSORIES

PART NO. DESCRIPTION STANDARD WINDOW WIDTH LIST PRICE

TEMPERED GLASS SHELF KITS

KA3000KS	Tempered Glass Shelf Kit	3'0" Width	\$120.00
KA4000KS	Tempered Glass Shelf Kit	4'0" Width	\$148.00
KA5000KS	Tempered Glass Shelf Kit	5'0" Width	\$183.00
KA6000KS	Tempered Glass Shelf Kit	6'0" Width	\$226.50

Specify Color: White (WH), Almond (AM), Special (SP) Tan (TN) Example: KA3000KSWH
Kits Include: Tempered glass shelf, 2-extruded aluminum shelf supporters, 4-shelf clips.

ALUMINUM AMPLIMESH SHELF KITS

KA3010KS	Aluminum Amplimesh Shelf Kit	3'0" Width	\$109.00
KA4010KS	Aluminum Amplimesh Shelf Kit	4'0" Width	\$134.50
KA5010KS	Aluminum Amplimesh Shelf Kit	5'0" Width	\$167.00
KA6010KS	Aluminum Amplimesh Shelf Kit	6'0" Width	\$206.00

Specify Color: White (WH), Almond (AM), Special (SP) Tan (TN) Example: KA3010KSWH
Kits Include: Amplimesh shelf, 2-extruded aluminum shelf supporters, 4-shelf clips.

TOUCH-UP SPRAY PAINT

KM1150AM	Almond touch-up spray paint	12oz can	\$49.50
KM1150WH	White touch-up spray paint	12oz can	\$49.50
KM1150TN	Tan touch-up spray paint	12oz can	\$49.50

STUCCO MOLDING

J3118AM	Stucco Molding - Almond	15' Lengths	\$77.00
J3118WH	Stucco Molding - White	15' Lengths	\$77.00

REPLACEMENT SHELF CLIPS

JA9001NSBR	Snap in Shelf Clip - Bronze		\$2.00
JA9001NSWH	Snap in Shelf Clip - White		\$2.00
JA9001NSAM	Snap in Shelf Clip - Almond		\$2.00
JA9001NSTN	Snap in Shelf Clip - Tan		\$2.00

SHELF STANDARDS

KA9004NSAM	Shelf Standard - Almond Aluminum	24"	\$10.00
KA9004NSTN	Shelf Standard - Tan Aluminum	24"	\$10.00
KA9004NSBR	Shelf Standard - Bronze Aluminum	24"	\$10.00
KA9004NSWH	Shelf Standard - White Aluminum	24"	\$10.00

SUPPORT BRACKETS (Note: Factory recommends (2) brackets for windows 5'0" and larger – included with kits)

J1010WH	Support Bracket - White	1 each	\$47.50
J1010TN	Support Bracket - Tan	1 each	\$47.50
J1010AM	Support Bracket - Almond	1 each	\$47.50

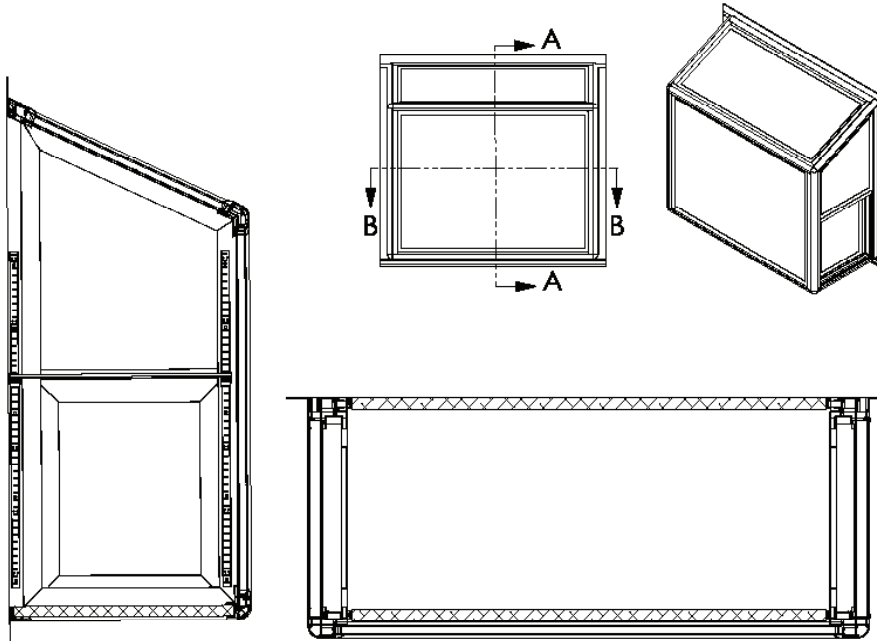
WINDOW DISPLAY

KDS1000	Showroom Floor Display		\$1,400.00
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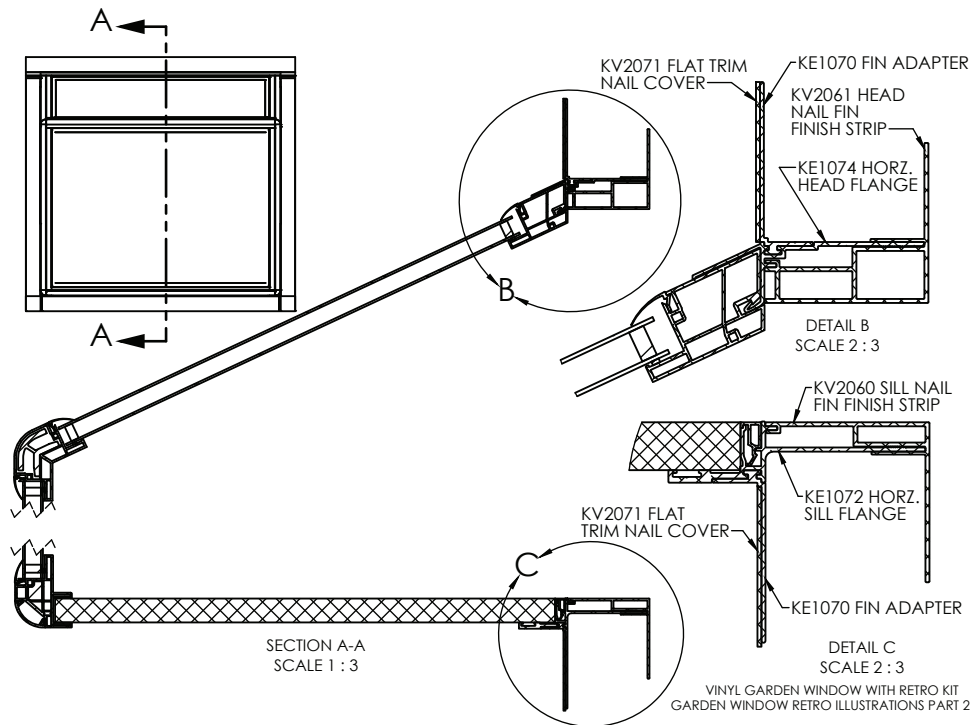
Includes: 1 KI3030WH, 1 floor display with sign (assembly required), & 100 consumer handouts.

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New Construction Detail



Retro-Fit and Inside Finish Detail





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ORDER [] QUOTE [] (Check One)

"KI" Series (nail on fin) Vinyl Greenhouse Window Fax Number: 888-526-4329

DATE: _____ DEALER: _____ JOB NAME/PO#: _____

1. QUANTITY (Same Specifications): _____

2. GLAZING (Insulated Only): [] Standard (Low-E2 top, clear front & sides) [] Special Glass (Please Specify Type):

Top Front Sides

[] Tempered Glass (All Panels Only)

Call Customer Service for pricing on Special Glass Options.

3. FRAME DIMENSIONS:

[] Standard Frame Sizes (For Special Glazing)

Width _____ x Height _____

[] Special Frame Sizes (Refer To Diagram At Left)

Please provide where dimensions are taken from:

- [] Greenhouse Inside Dimension (GID) [] Finished Opening (FO) [] Rough Opening (RO)

Width _____ x Height _____

\$60.00 NET add to next larger size for Special Frame Sizes.

4. FRAME COLOR:

- [] White [] Almond [] Tan [] Other (Specify): _____

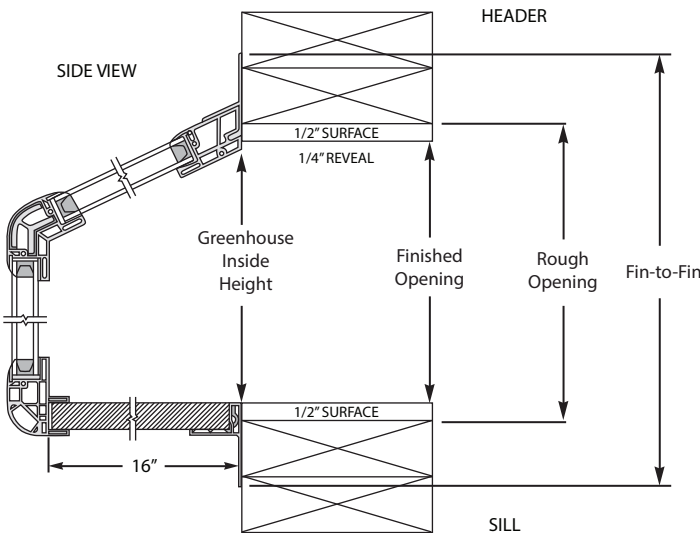
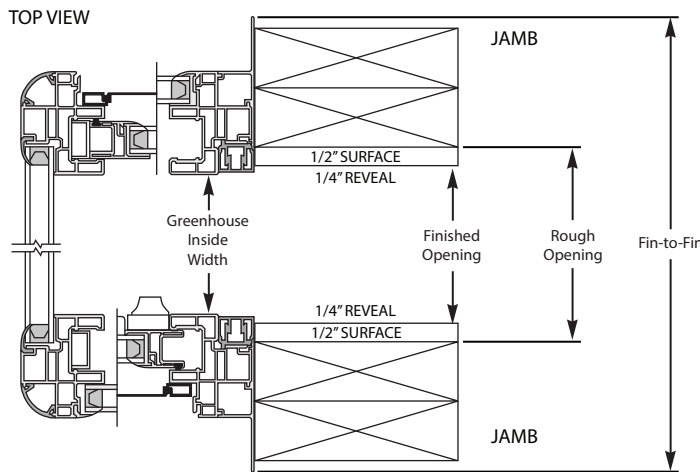
Call Customer Service for pricing on special color options.

5. TEMPERED GLASS SHELF:

- [] Tempered Glass Shelf (Standard) [] Aluminum Amplimesh Shelf [] Additional shelves (Quantity): _____

I agree to pay in full, within terms, for SPECIAL(s) built to the specifications above. (SPECIALS ARE NON-RETURNABLE).

Authorized Signature Order Date



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TRU-FRAME®
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"KR" Series (Retrofit) Vinyl Greenhouse Window
Fax Number: 888-526-4329

DATE: _____

ORDER QUOTE (Check One)

DEALER: _____

JOB NAME/PO#: _____

1. **QUANTITY** (Same Specifications): _____

2. **GLAZING** (Insulated Only):

- Standard (Low-E2 top, clear front & sides)
- Special Glass (Please Specify Type):

_____ Top _____ Front _____ Sides

Tempered Glass (All Panels Only)

Call Customer Service for pricing on Special Glass Options.

3. **FRAME DIMENSIONS:**

Frame Size (Refer To Diagram At Left)
Please provide **NET opening size**.

Width _____ x Height _____

4. **FRAME COLOR:**

- White
- Almond
- Tan
- Other (Specify): _____

Call Customer Service for pricing on special color options.

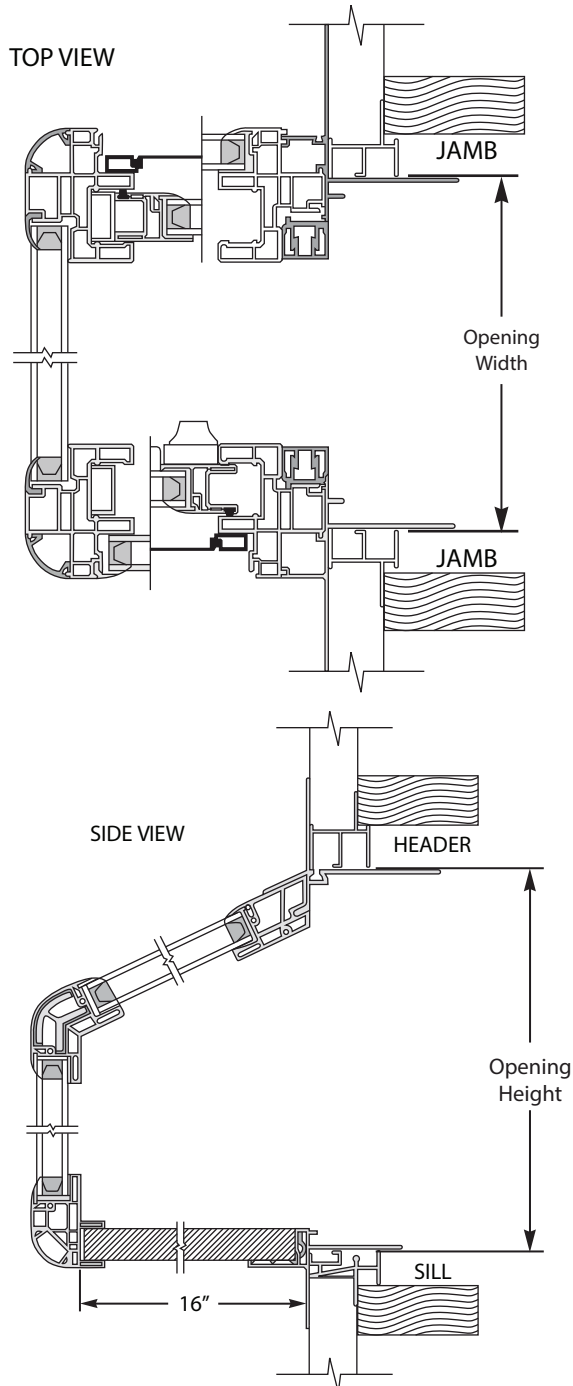
5. **TEMPERED GLASS SHELF:**

- Tempered Glass Shelf (Standard)
- Aluminum Amplimesh Shelf
- Additional shelves (Quantity): _____

I agree to pay in full, within terms, for SPECIAL(s) built to the specifications above. (SPECIALS ARE NON-RETURNABLE).

Authorized Signature

Order Date



SECTION K