

QUALITY DAYLIGHTING SOLUTIONS SINCE 1935



ENLIGHTENED LIVING

Residential Skylights



THE
MORE SKY
skylights

Wasco
SKYLIGHTS
Part of the **VELUX** Group

WASCOSKYLIGHTS.COM

RESIDENTIAL SKYLIGHTS

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A New Level of Professional Quality for Your Home.

At Wasco, we know what builders and their customers are looking for in a skylight. Top quality. Innovative technology. Wide-ranging selection. Trouble-free installation. Reliable long-life performance. Competitive prices. And of course, plenty of daylight.

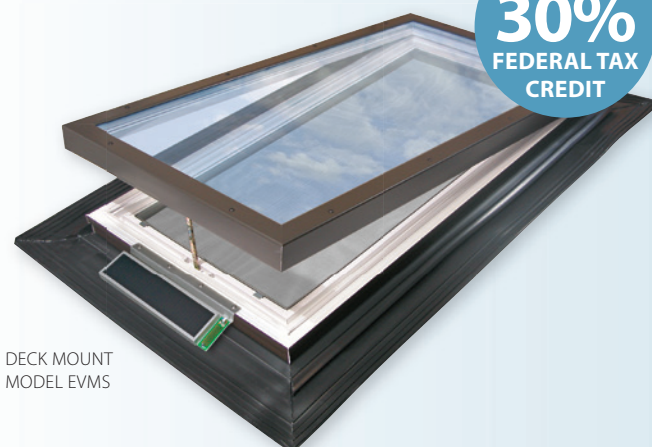
You get all of that with Wasco skylights. From our advanced E-Class and quality curb-mount skylights, to our spectacular Architectural Series – all in standard as well as custom sizes – there's a Wasco skylight to suit every budget, every design, every lifestyle.

Skylight Glazing & Finish Options

30% Federal Tax Credit

Solar Powered Venting Skylights

Remote Operated • Solar Charged Battery



ELIGIBLE FOR A
30%
FEDERAL TAX
CREDIT

Wireless

Powered by a factory installed solar charged battery pack and wireless RF hand-held remote.

Energy Efficient

Condensation control without weep holes for maximum energy efficiency.

Rain Sensor

Automatically closes the skylight in damp weather.



Guide to Receive Your Tax Credit

After Installation

- ☐ Keep your receipts for total price paid (invoice from contractor for product and installation) of the qualifying Wasco products.
- ☐ Attach receipts to a completed Manufacturers Certification Statement¹ and keep for your records (see reverse side).

When Filing Your Taxes

- ☐ Fill out the IRS Residential Energy Efficient Property Credit tax form 5695 (under "Qualified Solar Electric Property Cost")
- ☐ Submit it with your taxes. Enter this tax credit off of form 5695 on your IRS tax form 1040² (tax forms can be found at www.irs.gov).

¹ Certification statement can be downloaded at www.wascoskylights.com/uploads/federal_tax_credit.pdf. IRS Notice 2009-41 suggests the taxpayer is not required to attach this certification statement to their tax return. However, the taxpayer should retain this certification statement as part of their tax records.

² As in all tax matters, the taxpayer is advised to consult their tax professional. Wasco Products, Inc. assumes no liability regarding the homeowner's ability to obtain tax credits.

Glazing Options

eMAX3 Triple Silver Coated Glazing (EMT / EML)

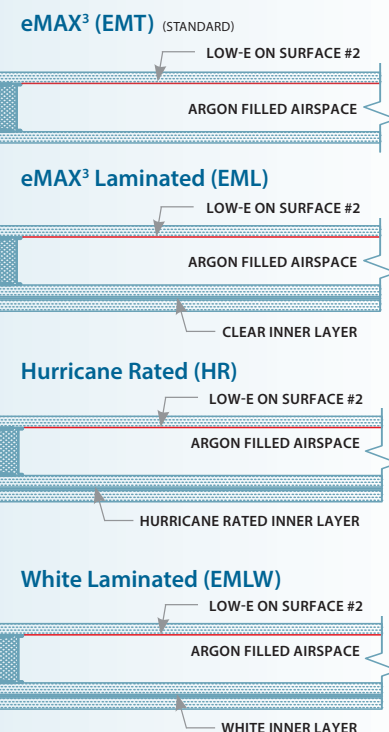
Wasco's standard glazing. eMAX3 is an energy efficient tempered over tempered glazing which meets the version 6.0 Energy Star program for all climate zones. The eMAX3 Triple Silver Coated Series is a high performance Low-E insulated tempered glass with argon. Also available with tempered over laminated glass (EML).

Hurricane Resistant (HR)

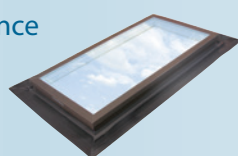
Wasco Skylights with hurricane-resistant glazing meet IBC/IRC/FBC and other stringent state building codes for skylights installed in Wind Zone 3 coastal applications. Hurricane resistant glass appears to be ordinary glass, but shields against damage from wind-borne debris, accidental impacts, forced entry and even unwanted noise. (Model EFHR: FL#14417.9)

White Laminated (EMLW)

White laminated glass features diffused lighting and energy efficiency with a thin opaque film laminated between two sheets of glass. It provides total privacy with a frosted translucent look. White laminated glass provides added safety and protection from damaging UV rays. Available in Western US, shipped from our Reno, NV facility.



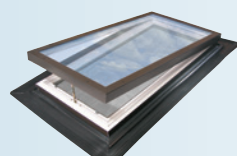
Thermal Performance NFRC Values*



MODEL EF ★

Self-Flashing Fixed

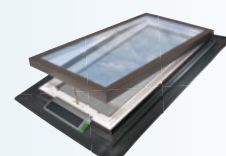
	VLT	U-Factor	SHGC
EMT	58%	0.49	0.25
EML	58%	0.45	0.25
HR	57%	0.45	0.25
EMLW	41%	0.46	0.24



MODEL EV ★

Self-Flashing Venting

	VLT	U-Factor	SHGC
EMT	58%	0.49	0.25
EML	57%	0.48	0.25
HR	N/A	N/A	N/A
EMLW	41%	0.49	0.24



MODEL EVMS ★

Self-Flashing Motorized Venting

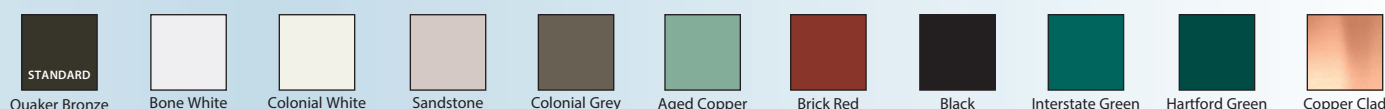
	VLT	U-Factor	SHGC
EMT	58%	0.49	0.25
EML	57%	0.48	0.25
HR	N/A	N/A	N/A
EMLW	41%	0.49	0.24

Explanation of Terms: VLT (Visible Light): Radiant energy from 380nm – 780nm wavelengths. (% Transmittance): percentage of visible light directly transmitted through glass. U-Factor: Air-to-air thermal conductance of glass and associated air/gas layers; units are Btu/hr.ft² deg F. SHGC (Solar Heat Gain Coefficient): Fraction of solar energy transferred indoors both directly (radiation) and indirectly (convection/absorption/re-radiation) through the glass (for reference, 1/8" clear glass has a SHGC of 0.86).

★ Exceeds Energy Star Version 6.0 requirements for all climate zones. NFRC tested, rated and certified.

*Thermal performance factors per NFRC 100. †Center of Glazing.

Finish Options



A baked enamel finish is standard on all models. We also offer anodized and high-performance designer color finishes; our most popular colors are shown above, approximated by printing inks. Copper cladding is also available.

Self-Flashing Skylights



Up to **46% more daylight** per rough opening.**

OTHER LEADING MODEL

E-CLASS OPENING



Wasco's E-Class® installs in 1/3 the time*, and delivers up to 46% more daylight!***

E-Class is ready to go right out of the box – no mastic, no step-flashing, no sealants. Our one-piece curb frame and flashing design cuts 90 minute installation to 30 minutes! Plus, Wasco E-Class skylights deliver up to 46% more daylight! Our E-Class self-flashing skylights sit directly on the roof deck, giving you a larger glass area per rough opening compared to competitors.

Our one-piece vinyl extrusion features an impenetrable Ultraseal water barrier for leak-proof performance with no mastic, step-flashing or sealants. Anchor brackets and screws are the only hardware. The brackets snap into the frame under the Ultraseal barrier and fasten to the roof deck.

Solar Powered Venting Skylight

Remote Operated • Battery Powered • Solar Charged

VIDEO: WASCO
VS. COMPETITOR



VIDEO: E-CLASS
INSTALLATION



- **No Wiring Needed**

Powered by a factory installed solar charged battery pack.

- **No Assembly Required**

Simply lift the unit out of the box and fasten to the roof deck.

- **Energy Efficient**

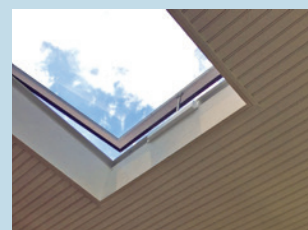
Condensation control without weep holes for maximum energy efficiency. Choose eMAX³ Triple Silver Coated glazing for even greater thermal efficiency.

- **Wireless Remote**

A wireless RF hand-held remote gives you full control of all skylight functions for up to 81 units.

- **Rain Sensor**

Automatically closes the skylight in damp weather.



Ready to Go, Right out of the box!

NO MASTIC
NO STEP FLASHING
NO SEALANTS

Our patented Ultraseal™ System creates an impenetrable water barrier.

- Deck-mounted – Installs directly onto the roof.
- Built in condensation control without the use of “weep holes.”
- Easy retrofit. Designed to fit American roof rafter spacings.
- No reframing or changes to interior wall.
- The most water tight unit available.
- Made in the USA.

Since 1988, the E-Class has been a trusted skylight installed in tens of thousands of applications.



Self-Flashing Skylights

OPTIONS AND ACCESSORIES

ALUMINIZED PRIVACY PLEATED SKYBLIND™

For venting or fixed models. Mounts in the skylight opening below the glass. Blinds have no side rails, maximizing daylight.

ALUMINUM SKYBLIND™ TELESCOPIC POLE

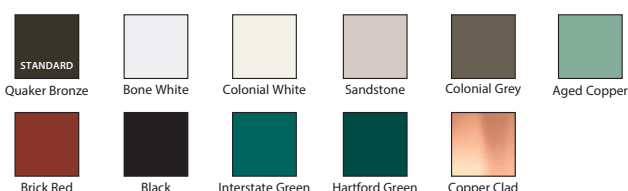
(3' to 6' or 6' to 12') for manual SkyBlind™ operation.

ALUMINUM SKYLIGHT TELESCOPIC POLE

(6'2" to 10'4") for manual operation of venting skylights.

FINISHES

A baked enamel finish is standard on all models. We also offer anodized and high-performance designer color finishes; our most popular colors are shown below, approximated by printing inks. Copper cladding is also available.

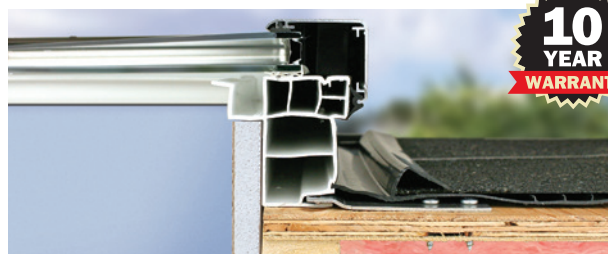


METAL ROOF ADAPTER

For E-Class models on low profile 1" standing seam metal roofs with a minimum roof pitch of 4" in 12".

MULL KIT

For E-Class models only. Contains material to mull two units. Minimum required spacing between units is 10". Minimum required vertical spacing is 24". For other options consider using the Low Profile System from the Architectural Series.



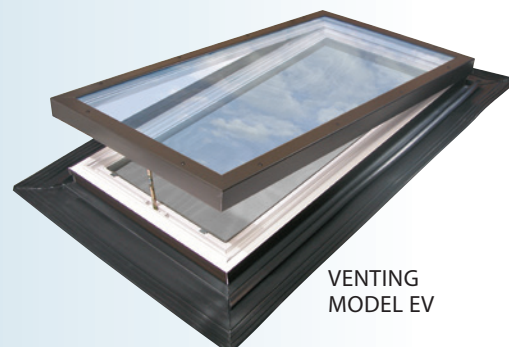
Choose the Best Deck Mount Skylight to Fit Your Needs

All three styles come in standard or custom sizes. Minimum roof pitch of 3" in 12".



FIXED
MODEL EF

CHART: HOW TO
MEASURE FOR
REPLACEMENT SKYLIGHTS



VENTING
MODEL EV



SOLAR POWERED WIRELESS
MOTORIZED VENTING
MODEL EVMS

E-CLASS™ STANDARD SIZES (CUSTOM SIZES AVAILABLE)

	14½" x 30½"	14½" x 46½"	22½" x 22½"	22½" x 30½"	22½" x 38½"	22½" x 46½"	22½" x 54½"	30½" x 30½"	30½" x 46½"	30½" x 54½"	46½" x 46½"
Rough Opening											
Fixed E-Class™ Skylights											
Model Number	EF1430	EF1446	EF2222	EF2230	EF2238	EF2246	EF2254	EF3030	EF3046	EF3054	EF4646
Daylight Area	13½" x 29½"	13½" x 45½"	21½" x 21½"	21½" x 29½"	21½" x 37½"	21½" x 45½"	21½" x 53½"	29½" x 29½"	29½" x 45½"	29½" x 53½"	45½" x 45½"
Daylight Area Sq. Ft.	2.65	4.11	3.09	4.27	5.45	6.61	7.79	5.89	9.12	10.74	14.14
Venting E-Class™ Skylights											
Model Number	N/A	N/A	EV[MS]2222	EV[MS]2230	EV[MS]2238	EV[MS]2246	EV[MS]2254	EV[MS]3030	EV[MS]3046	EV[MS]3054	EV[MS]4646
Daylight Area	N/A	N/A	20½" x 20½"	20½" x 28½"	20½" x 36½"	20½" x 44½"	20½" x 52½"	28½" x 28½"	28½" x 44½"	28½" x 52½"	44½" x 44½"
Daylight Area Sq. Ft.	N/A	N/A	2.95	4.10	5.25	6.39	7.54	5.69	8.87	10.46	13.83

Mulling Kits are available. Each kit contains materials to mull two units side-by-side with 10" between adjacent rough openings. For use with thin roofing materials such as composition, slate, wood shingles and shakes up to 3/4" thick. Minimum Roof Pitch: 3" in 12". Fits 16" and 24" on-center roof rafters. Not for vertical applications. For rectangular units, specify dimension parallel to roof ridge first. For example, model EF3046 can be EF4630. Dimensions cannot be inverted for venting models 2254 or 3054 due to weight limitations of chain drive operator.

Curb Mount Skylights

Twice the Light, Half the Cost

Double the Square Footage of Standard Flat Glass Skylights with the Same Thermal Efficiency

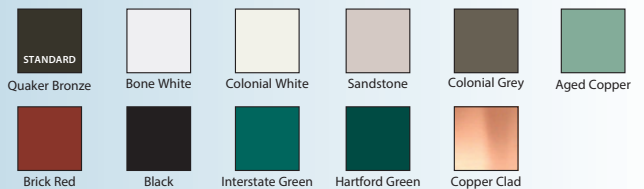
Wasco's dramatic new SkyMax doubles the square footage of our standard size flat glass unit skylights – without loss of thermal efficiency – at a fraction of the cost of structural skylights. SkyMax's one piece extruded vinyl curb incorporates a condensation channel, eliminating the need for weep holes. This, combined with high-end glazing options, maximizes its thermal performance.

- Single Light Up to 32 Square Feet—Ten Feet at Longest Dimension
- Meets IECC Requirements in All Climate Zones




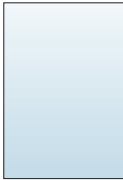
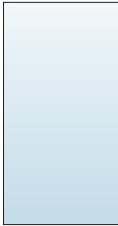
FINISH OPTIONS

A baked enamel finish is standard on all models. We also offer anodized and high-performance designer color finishes; our most popular colors are shown below, approximated by printing inks. Copper cladding is also available.



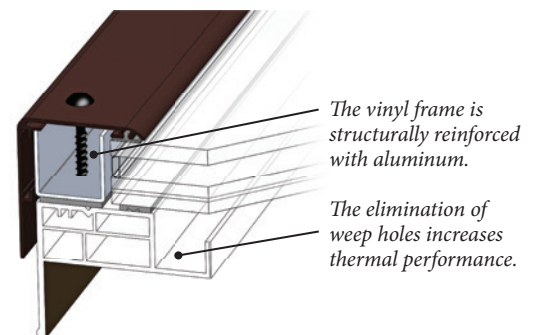
SKYMAX STANDARD SIZES

(CUSTOM SIZES AVAILABLE)

			
Outside Curb Dim	58" x 58"	49 1/4" x 72 1/2"	49 1/4" x 92 1/2"
Model No.	GSM6060	GSM5276	GSM5296
Daylight Area (glass)	53 3/4" x 53 3/4"	45" x 68 1/4"	45" x 88 1/4"
Daylight Sq. Ft. (glass)	20.06	21.32	27.58

For all rectangular units, specify dimension parallel to roof ridge first (for example, model GSM5276 would be either GSM5276 or GSM7652). Minimum 3 1/2" curb height required. Not for vertical applications.

The SkyMax's vinyl frame is structurally reinforced with aluminum, allowing large single light spans of up to 32 square feet – as much as ten feet at the longest dimension – for breathtaking daylighting.



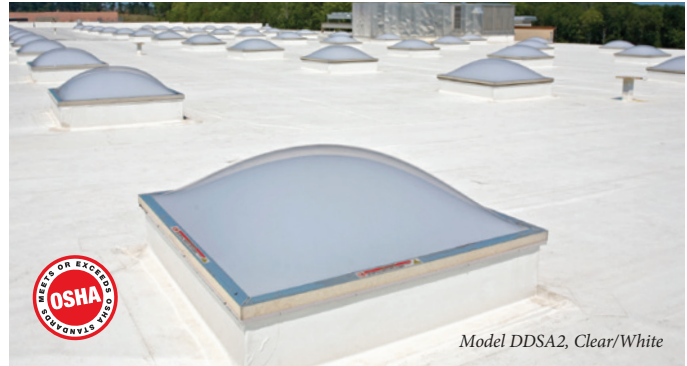
Acrylic Domed Unit Skylights

Sentinel® Fall Protection Skylights

Wasco Sentinel® Units Comply with OSHA Regulations

Provided with thermoformed impact modified acrylic, double or triple domed, Wasco's Sentinel thermally broken unit skylights are engineered to resist a 800 ft-lbs impact without the use of metal grids or screens.

- Tested to compliance with AAMA\WDMA\CSA\101\I.S.2\A440 as required by the International Building Code
- Impact tested to 775 ft-lbs to comply with the intent of OSHA fall protection regulation 29 CFR 1910.23 (e)(8)*

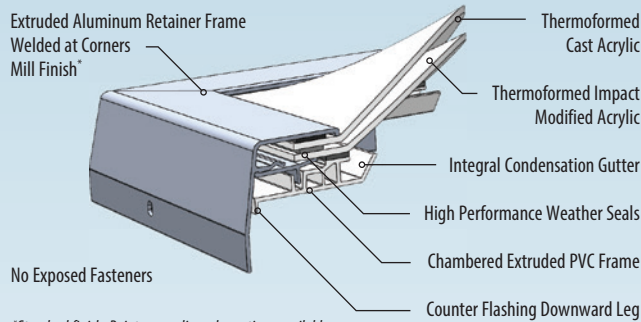


SAFETY CONSIDERATIONS



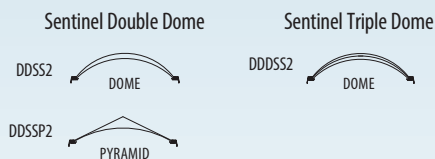
Although these units are designed to protect against accidental falls, these skylights should not be walked upon under any circumstances. The owner or contractor should restrict access only to authorized personnel who have been adequately cautioned as to the location of the skylights.

Curb Mount (SS2) For Use on 1½" Site-Built or Prefab Curbs



*Standard finish. Paint or anodize color options available.

Glazing Options

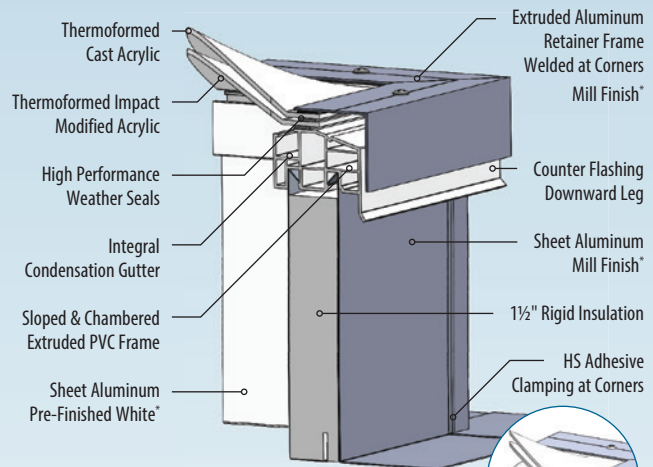


Outer: Clear, White, or Bronze – Optional Middle: Clear or White – Inner: Clear or White

Standard Sizes (Custom Sizes Available)

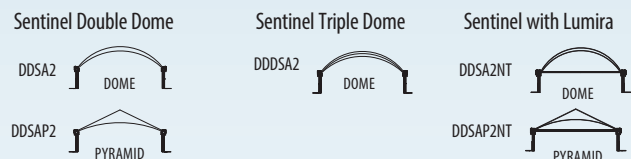
Model/Size	O.D. of Curb	Model/Size	O.D. of Curb
SS2 2828	25 ¼" x 25 ¼"	SS2 55102	51" x 99"
SS2 2852	25 ¼" x 49 ¼"	SS2 6060	58" x 58"
SS2 3636	33 ¼" x 33 ¼"	SS2 6476	60 ½" x 72 ½"
SS2 3652	33 ¼" x 49 ¼"	SS2 6496	60 ½" x 92 ½"
SS2 4242	40" x 40"	SS2 6666	63" x 63"
SS2 5252	49 ¼" x 49 ¼"	SS2 66102	63" x 99"
SS2 5276	49 ¼" x 72 ½"	SS2 7272	71" x 71"
SS2 5296	49 ¼" x 92 ½"	SS2 8080	78" x 78"
SS2 5555	51" x 51"	SS2 9898	95 ½" x 95 ½"

Deck Mount (SA2) Integral Curb Heights of 12" or 16"



*Standard finish. Paint or anodize color options available.

Glazing Options



Outer: Clear, White, or Bronze – Optional Middle: Clear or White – Inner: Clear or White

Standard Sizes (Custom Sizes Available)

Model/Size	Rough Opening	Model/Size	Rough Opening
SA2 2828	22 ¼" x 22 ¼"	SA2 55102	48" x 96"
SA2 2852	22 ¼" x 46 ¼"	SA2 6060	55" x 55"
SA2 3636	30 ¼" x 30 ¼"	SA2 6666	60" x 60"
SA2 3652	30 ¼" x 46 ¼"	SA2 66102	60" x 96"
SA2 4242	37" x 37"	SA2 6476	57 ½" x 69 ½"
SA2 5252	46 ¼" x 46 ¼"	SA2 6496	57 ½" x 89 ½"
SA2 5276	46 ¼" x 69 ½"	SA2 7272	68" x 68"
SA2 5296	46 ¼" x 89 ½"	SA2 8080	75" x 75"
SA2 5555	48" x 48"	SA2 9898	92 ½" x 92 ½"

Custom Skylight Designs with Endless Possibilities

Extensive Line of Configuration, Framing, Finish, and Glazing Options.



Wasco's award-winning Architectural Series offers lightweight framed residential skylighting systems that give you a custom look at an affordable cost. Choose from our versatile Pyramid Systems in Square, Octagonal and Extended Pyramid configurations... or our dramatic Planar System for pitched roof applications... both with a full range of glazing options including our Hurricane-Resistant glass. Let your imagination go with the acrylic-glazed Arched System for a long, continuous daylighting source... or our acrylic Spherical Skylights for both pitched and flat roof applications. Wasco also now offers the new SkyMax unit skylight with single light up to 32 square feet! (See page 8.)





Hurricane Resistant Skylights

Wasco® Products – the Largest Selection of Hurricane Skylights Available in the U.S. Market

Wasco Skylights with hurricane glazing meet IBC/IRC/FBC, and other stringent state building codes for skylights installed in Wind Zone 3 coastal applications.

Available for fixed E-Class deck mount and Architectural Series structural skylights, hurricane glass appears to be ordinary glass, but shields against damage from wind-borne debris, accidental impacts, forced entry and even unwanted noise.

Wasco uses hurricane-resistant insulating glass made of heat strengthened low-E lites permanently bonded with one or more interlayers of durable SGP (DuPont SentryGlas® Plus). Broken glass fragments adhere to the bonded plastic vinyl interlayer, reducing the risk of injury, shattered glass and breaching the building envelope.

For more information, visit www.wascoskylights.com.

HURRICANE STANDARD SIZES (CUSTOM SIZES NOT AVAILABLE)

	1430	1446	2222	2230	2238	2246	3030	3046	4646
EFHR – Deck Mount Self-Flashing – Impact Rated for Wind-Borne Debris Region (WBDR) – FL#14417.9									
Rough Opening	14½" x 30½"	14½" x 46 ½"	22½" x 22½"	22½" x 30½"	22½" x 38½"	22½" x 46½"	30½" x 30½"	30½" x 46½"	46½" x 46½"
Daylight Area	13½" X 29½"	13½" X 45½"	21½" X 21½"	21½" X 29½"	21½" X 37½"	21½" X 45½"	29½" X 29½"	29½" X 45½"	45½" X 45½"
Daylight Area Sq. Ft.	2.65	4.11	3.09	4.27	5.45	6.61	5.89	9.12	14.14

Wasco
SKYLIGHTS
Part of the **VELUX** Group

VELUX America LLC
85 Spencer Drive, Unit A • Wells, ME 04090
Tel 1-800-888-3589 • wascoskylights.com • veluxusa.com

SAFETY CONSIDERATIONS

Wasco skylights are designed to withstand normal elements of the weather. They are not designed to withstand human impact or falling objects. These skylights should not be walked upon under any circumstances. The owner or designer should restrict access only to authorized personnel who have been adequately cautioned as to the location of the skylights and informed of the warning above, or said owner should provide protective guard rails or screens around the skylights.

