

RIDGE AND EAVE VENTS



A breath of fresh air.

Ridge vents and eave vents are an essential part of any functioning glass structure with a functional, passive ventilation system. When the air is not vented, it becomes stagnant, stale, and allows diseases to breed. To help prevent this, ridge vents and eave vents need to be installed in a greenhouse. Both units are operable panes of glass enclosed within a frame separate from the greenhouse's structural frame. The ridge vent is very important to the greenhouse. Hot air rises and accumulates at the peak of the greenhouse. As the ridge vents are opened, the hot air escapes and fresh, cool air enters, allowing the air to circulate.

FEATURES

SYSTEM:

- Sloped & vertical operations
- Thermally enhanced aluminum profile
- Motorized operation possible
- Manual operation available with a pole operator
- LEED friendly system including recycled content
- Designed and manufactured in the U.S.A.

PERFORMANCE:

- Thermally broken utilizing thermal fill & debridge

GLAZING:

- Designed to accommodate almost any monolithic, insulated, laminated, decorative, polycarbonate, or solid panel infill from $\frac{3}{16}$ " to 1"
- Oversized units upon request

OPTIONS

FINISHES:

- Standard finishes
 - AAMA 2603: Bronze, White
 - AAMA 611 Class I Anodized: Clear, Dark Bronze
- Designer finishes
 - AAMA 2603: Hartford Green, Black
 - Natural Clay, Sandstone
- Custom finishes
 - Powder coat finish: AAMA 2604 - 2605
 - Fluoropolymer (50% or 70%): AAMA 2604 - 2605
 - Wood veneer & metal cladding options

ACCESSORIES:

- Integrated rain sensors
- Integrated wireless remote, thermostatic controls
- Fixed mesh insect screen

FINISH OPTIONS

Paint AAMA 2603 (5 year warranty). Finishes available while in stock.

SI Black

SI White

SI Sandstone

SI Natural Clay

SI Bronze

SI Hartford Green

Anodized Additional cost

Class I Clear Anodized

Dark Bronze Anodized

Powder Coat Solids STANDARD - AAMA 2605 (10 year; up to 20 year warranty). Scratch & fade resistant; contains no VOCs.*

Black
FRSL 11618

White
FRSL 83247

Sandstone
FRSL 46647

Natural Clay
FRSL 47591

Bronze
FRML 97138

Hartford Green
FRSL 32872

Powder Coat Solids PREMIUM - AAMA 2605 (10 year; up to 20 year warranty). Scratch & fade resistant; contains no VOCs.*

Apollo White
FRSL 82908

Bone White
FRSL 82909

Ivory
FRSL 46646

Seawolf
FRSL 46645

Fashion Gray
FRSL 74652

Colonial Gray
FRSL 74653

Charcoal
FRSL 74654

Antique Bronze
FRSL 46648

Burgundy
FRSL 62496

Military Light Blue
FRSL 21709

Visit <https://www.ifscoatings.com/content/assets/Uploads/brochures/IFS-Architectural-Digital-Color-Card.pdf> for additional metallic and anodic finishes.

Metal Clad STANDARD*

Copper

#4 Polished Stainless Steel

Metal Clad PREMIUM*

Rheinzink Bright Rolled

Rheinzink Blue Gray

Rheinzink Graphite Gray

Brass

Bronze

Decoral Finishes (Powder Coat)*

Knotty Pine 2103
DS 716 Textured
DS 402 Smooth

Douglas Fir 1501
DS 716 Textured
DS 402 Smooth

Acacia 1001
DS 716 Textured
DS 402 Smooth

Cherry 1402
DS 716 Textured
DS 402 Smooth

Acacia 1001
DS 733 Textured
DS 403 Smooth

Oak Assi 2501
DS 733 Textured
DS 403 Smooth

Cherry 1402
DS 733 Textured
DS 403 Smooth

Dark Walnut 1802
DS 733 Textured
DS 403 Smooth

Teak 2601
DS 706 Textured
Mahogany Finish

National Walnut 1806
DS 706 Textured
Mahogany Finish

Wood Veneering (Unfinished) STANDARD*

Douglas Fir

White Oak

Walnut

Honduran Mahogany

Wood Veneering (Unfinished) PREMIUM*

Ponderosa (White) Pine

Pecan Pine

Cherry

Note: wood veneering is for interior applications only. Available on a limited basis due to vendor supply.

Wood/Glulam STANDARD*

Red Oak

White Ash

Hard Maple

White Oak

Wood/Glulam PREMIUM*

Douglas Fir

Cherry

Sapele Mahogany

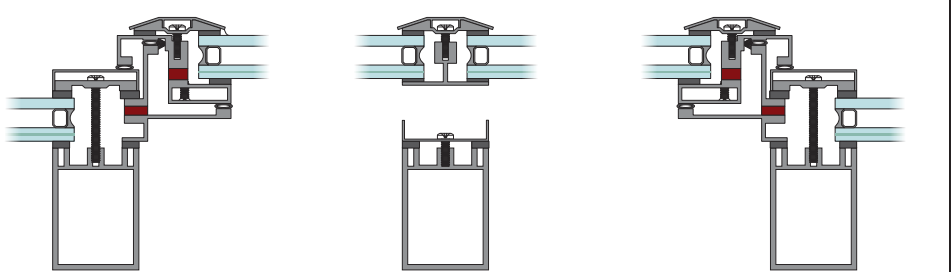
Walnut

*Lead times subject to availability.

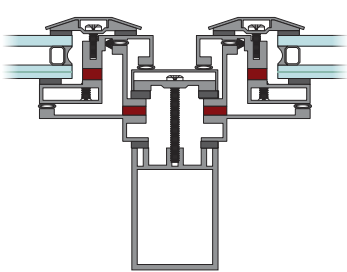
Note: Depending upon color selection, additional charges and increased lead times may apply. Extended warranties and service plans are available for an additional charge. Examples are shown as accurate as photography and printing processes allow. Final finish selection should be made from a physical sample; contact Solar Innovations® for samples. Product and finish options are subject to vendor availability. Solar Innovations® reserves the right to discontinue any option at any time without notice. Additional options, including custom color match, are available; contact Solar Innovations® for details.

SASH DETAILS

Multiple Bays

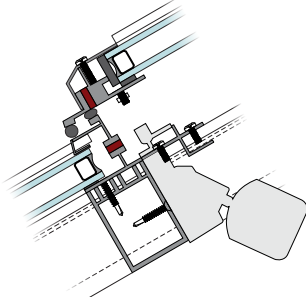
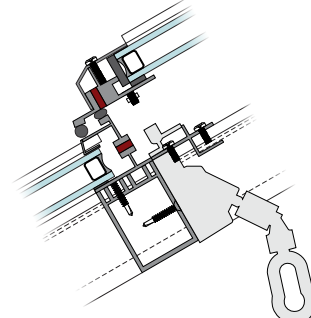
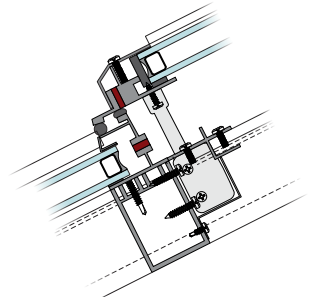
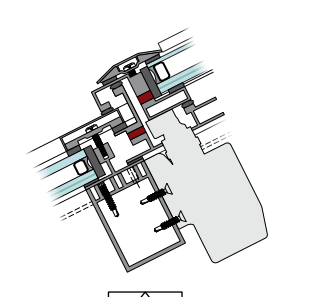
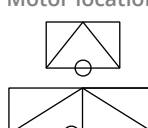
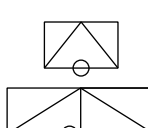

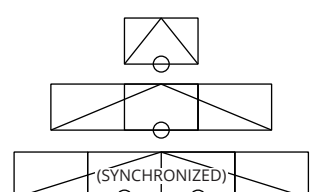


Sash to Sash Jamb

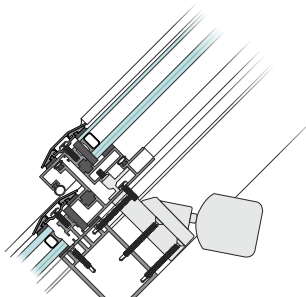
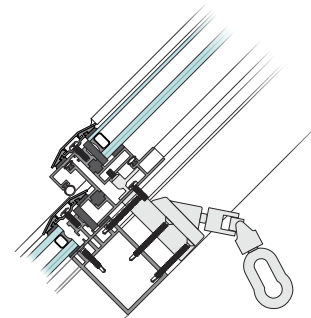
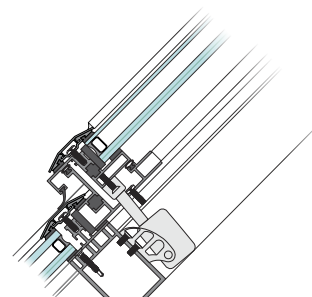
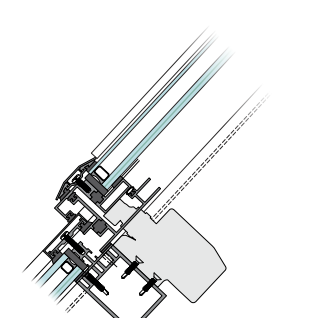
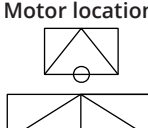
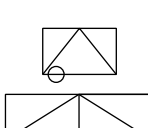
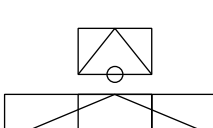
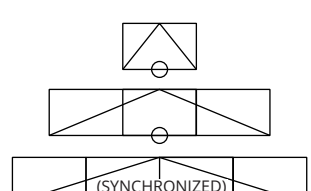



THERMAL BREAK

G1 MOTOR DETAILS

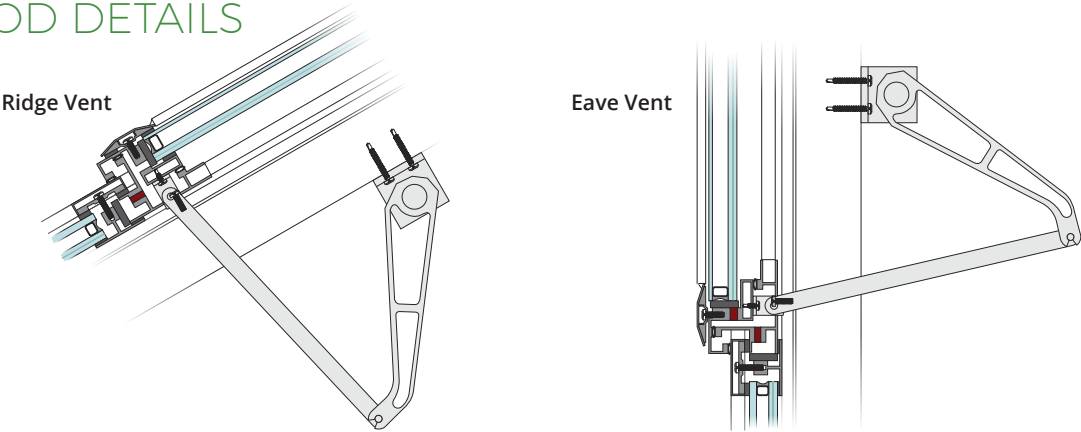
WLS (Not in moist environment)	Manual with Pole (Some moisture resistance)	Marvel (Limited moisture resistance)	WindowMaster (Highest moisture resistance)
			
Motor location 			
Maximum sash weight: 80 lbs.	Maximum sash weight: 140 lbs.	Maximum sash weight: 90 lbs.	Maximum sash weight: 90-450 lbs. dependent on model

G2 MOTOR DETAILS

WLS (Not in moist environment)	Manual with Pole (Some moisture resistance)	Marvel (Limited moisture resistance)	WindowMaster (Highest moisture resistance)
			
Motor location 			
Maximum sash weight: 80 lbs.	Maximum sash weight: 140 lbs.	Maximum sash weight: 90 lbs.	Maximum sash weight: 90-450 lbs. dependent on model

 THERMAL BREAK

ARM & ROD DETAILS

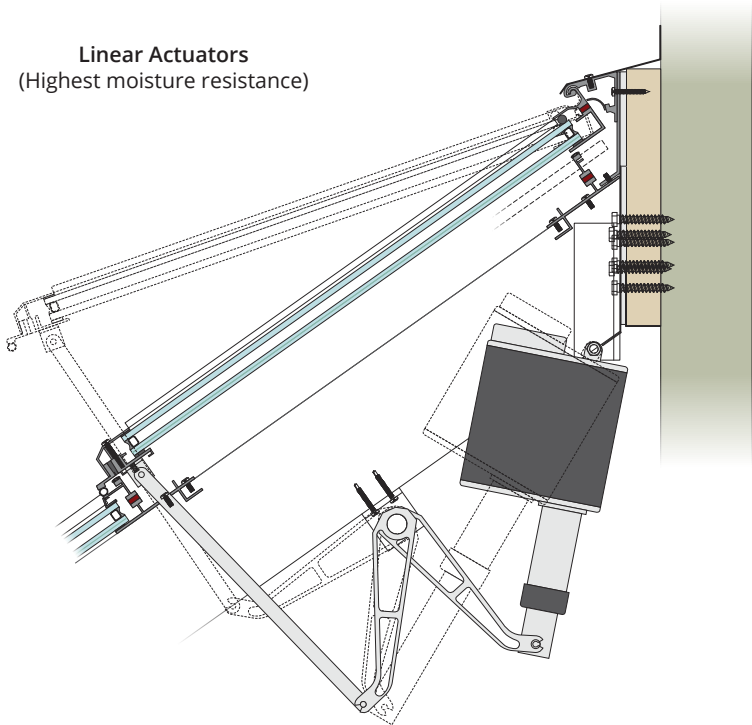


 THERMAL BREAK

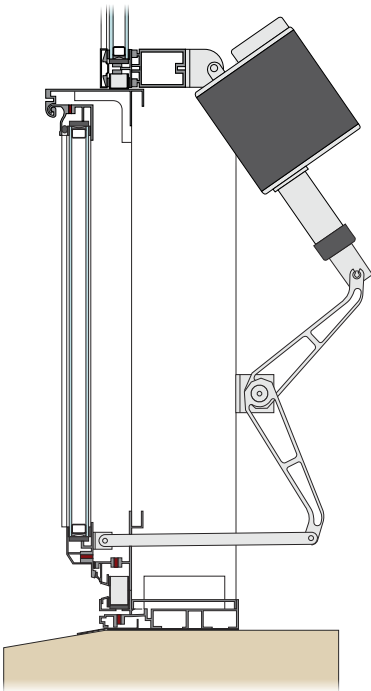


RIDGE VENT MOTOR DETAILS

Linear Actuators
 (Highest moisture resistance)



EAVE VENT MOTOR DETAILS



 THERMAL BREAK