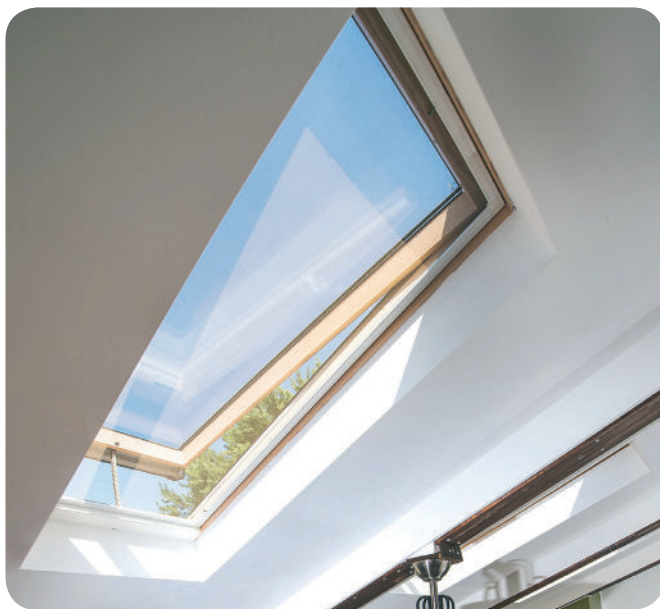


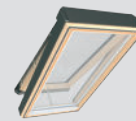


#### Features:

- suitable for roof pitches between 15-85 degrees
- low-emission and heat-reflecting double glazed glass
- warm spacer increases condensation resistance
- perimeter gasket underneath the frame
- double seals between the frame and the sash
- internal gasket system to collect and drain any condensation water to the outside
- mosquito screen included
- integrated rain sensors
- remote control included
- range of internal and external accessories
- equipped with a Z-wave radio control system, allowing for smart home system integration
- solar powered with built in battery, no need to run electrical wiring

## TECHNICAL SPECIFICATION

### Solar Venting Skylight FVS



#### I. APPLICATION

|              |                             |
|--------------|-----------------------------|
| Installation | required roof pitch 15°-85° |
|              | deck mounted                |

#### II. FEATURES

|                |                                                                                                   |
|----------------|---------------------------------------------------------------------------------------------------|
| Frame material | Pine - Pressure Treated                                                                           |
| Frame finish   | Two layers of clear acrylic lacquer                                                               |
| Glazing        | G31 - Low-E tempered over laminated - double-pane glazing unit with warm TGI spacer and Argon gas |
| Rain sensor    | Automatically closes the skylight in case of rain                                                 |
| Gaskets System | Three rubber gaskets                                                                              |
| Control        | Remote control (z-wave radio communication)                                                       |
| Warranty       | 10 years for skylight and glazing, 2 years on electric motor and remote control                   |

#### III. TECHNICAL PARAMETERS

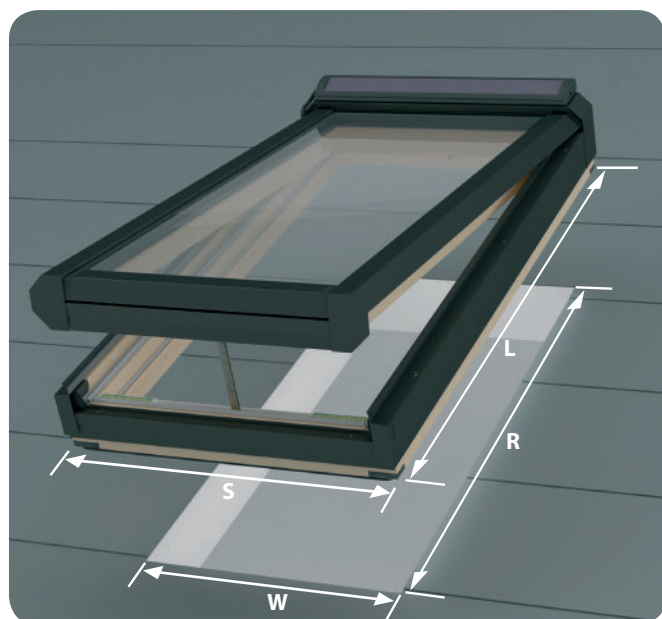
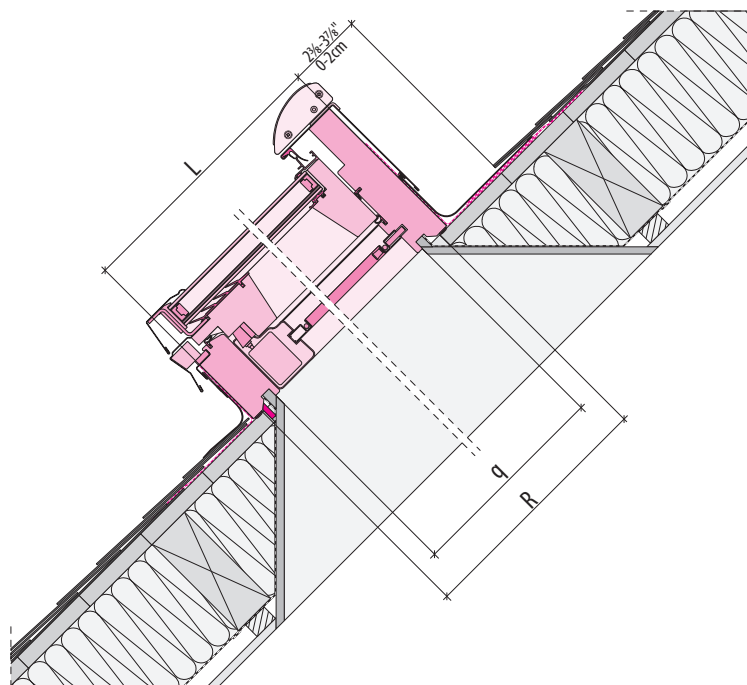
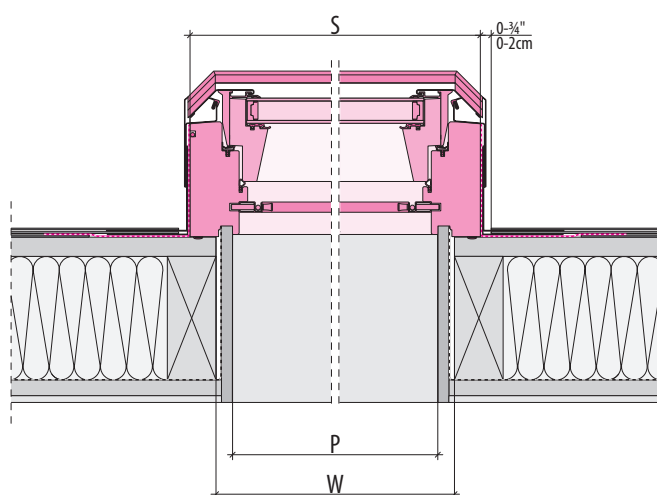
| Technical parameters                       | Glazing unit type                       |      |                     |
|--------------------------------------------|-----------------------------------------|------|---------------------|
|                                            | Unit                                    | G31  | Rating              |
| U-factor                                   | [BTU/h ft²°F]                           | 0.41 | NFRC 100            |
| Ug for glazing unit                        | [BTU/h ft²°F]                           | 0.19 | EN 1279-5 + A2:2010 |
| Solar Heat Gain Coefficient                | -                                       | 0.19 | NFRC 200            |
| Air Leakage                                | [cfm/ft²] @ 1,57 psf, tested size 24x70 | 0.04 |                     |
| Visible Transmittance                      | -                                       | 0.36 | NFRC 200            |
| UV protection                              | -                                       | 99.8 | NFRC 500            |
| Condensation Resistance                    | -                                       | 65   | NFRC 500            |
| Water Penetration Resistance Test Pressure | [Pa]                                    | 730  | EN 1279-5 + A2:2010 |
| Wind load resistance                       | Class C1/B1                             |      |                     |
| Impact resistance                          | Class 3 – 450 mm                        |      |                     |

#### IV. ADDITIONAL PRODUCTS TO BE USED

|                               |                                                                                                                                                       |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Flashings                     | - EH - for roof tiles, corrugated metal and standing seam<br>- EL - for shingles and shakes                                                           |
| Ice and Water Guard           | - Fakro Euroband or similar self-adhesive underlayment                                                                                                |
| Included mounting accessories | - Bit PH2<br>- Bit PH3<br>- Nail 2,5x25mm<br>- Base pin<br>- Countersunk head screw 4x30 A2 RAL 7022<br>- Countersunk head screw 6x200 galvanized PZ3 |
| External accessories          | - SMZ solar awning blind                                                                                                                              |
| Internal accessories          | - SRF blackout blind, SRP light reducing blind                                                                                                        |

## V. DIMENSIONS

| Size                   |                | 301                                                             | 304                                                             | 306                                                             | 308                                                             | 312                                                             | 504                                                             | 506                                                             | 508                                                             | 801                                                             | 806                                                             |
|------------------------|----------------|-----------------------------------------------------------------|-----------------------------------------------------------------|-----------------------------------------------------------------|-----------------------------------------------------------------|-----------------------------------------------------------------|-----------------------------------------------------------------|-----------------------------------------------------------------|-----------------------------------------------------------------|-----------------------------------------------------------------|-----------------------------------------------------------------|
| Rough opening (WxR)    | in.            | 22 <sup>1</sup> / <sub>2</sub> x 26 <sup>1</sup> / <sub>2</sub> | 22 <sup>1</sup> / <sub>2</sub> x 37 <sup>1</sup> / <sub>2</sub> | 22 <sup>1</sup> / <sub>2</sub> x 45 <sup>1</sup> / <sub>2</sub> | 22 <sup>1</sup> / <sub>2</sub> x 54                             | 22 <sup>1</sup> / <sub>2</sub> x 70                             | 30 <sup>1</sup> / <sub>2</sub> x 37 <sup>1</sup> / <sub>2</sub> | 30 <sup>1</sup> / <sub>2</sub> x 45 <sup>1</sup> / <sub>2</sub> | 30 <sup>1</sup> / <sub>2</sub> x 54                             | 46 <sup>1</sup> / <sub>2</sub> x 26 <sup>1</sup> / <sub>2</sub> | 46 <sup>1</sup> / <sub>2</sub> x 45 <sup>1</sup> / <sub>2</sub> |
| Outside frame (SxL)    | in.            | 24 <sup>1</sup> / <sub>2</sub> x 27 <sup>1</sup> / <sub>2</sub> | 24 <sup>1</sup> / <sub>2</sub> x 38 <sup>1</sup> / <sub>2</sub> | 24 <sup>1</sup> / <sub>2</sub> x 46 <sup>3</sup> / <sub>8</sub> | 24 <sup>1</sup> / <sub>2</sub> x 55                             | 24 <sup>1</sup> / <sub>2</sub> x 70 <sup>3</sup> / <sub>4</sub> | 32 <sup>1</sup> / <sub>2</sub> x 38 <sup>1</sup> / <sub>2</sub> | 32 <sup>1</sup> / <sub>2</sub> x 46 <sup>3</sup> / <sub>8</sub> | 32 <sup>1</sup> / <sub>2</sub> x 55                             | 48 <sup>1</sup> / <sub>2</sub> x 27 <sup>1</sup> / <sub>2</sub> | 48 <sup>1</sup> / <sub>2</sub> x 46 <sup>3</sup> / <sub>8</sub> |
| Daylight area (glass)  | sq. ft.        | 2.58                                                            | 3.98                                                            | 4.95                                                            | 6.03                                                            | 7.97                                                            | 5.70                                                            | 7.10                                                            | 8.61                                                            | 5.92                                                            | 11.41                                                           |
|                        | m <sup>2</sup> | 0.24                                                            | 0.37                                                            | 0.46                                                            | 0.56                                                            | 0.74                                                            | 0.53                                                            | 0.66                                                            | 0.80                                                            | 0.55                                                            | 1.06                                                            |
| Finished opening (pxq) | in.            | 20 <sup>7</sup> / <sub>8</sub> x 24 <sup>7</sup> / <sub>8</sub> | 20 <sup>7</sup> / <sub>8</sub> x 35 <sup>7</sup> / <sub>8</sub> | 20 <sup>7</sup> / <sub>8</sub> x 43 <sup>3</sup> / <sub>4</sub> | 20 <sup>7</sup> / <sub>8</sub> x 52 <sup>3</sup> / <sub>8</sub> | 20 <sup>7</sup> / <sub>8</sub> x 68 <sup>1</sup> / <sub>8</sub> | 28 <sup>7</sup> / <sub>8</sub> x 35 <sup>7</sup> / <sub>8</sub> | 28 <sup>7</sup> / <sub>8</sub> x 43 <sup>3</sup> / <sub>4</sub> | 28 <sup>7</sup> / <sub>8</sub> x 52 <sup>3</sup> / <sub>8</sub> | 44 <sup>7</sup> / <sub>8</sub> x 24 <sup>7</sup> / <sub>8</sub> | 44 <sup>7</sup> / <sub>8</sub> x 43 <sup>3</sup> / <sub>4</sub> |



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