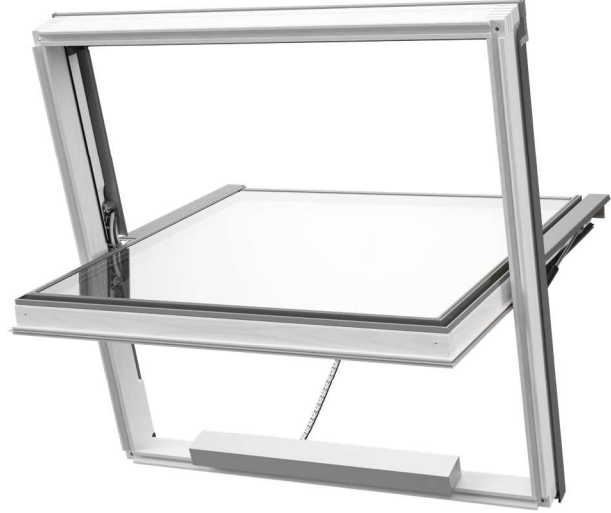


SMOKE VENT WHITE

KAS CENTRE PIVOT SMOKE VENTILATION ROOF WINDOW

| VARIANT | 1010 |
|---|-----------------|
| PANE | |
| Construction | 33.2-14-4H |
| Thickness of glazing (mm) | 24 |
| Low E | ✓✓ |
| Gas | Argon |
| Toughened | ✓ |
| Laminated | ✓ |
| U _g (W/m ² K) | 1.0 |
| Total solar energy transmittance | 0.52 |
| WINDOW | |
| U _w (W/m ² K) | 1.3 |
| Water tightness | E1200 |
| Air permeability | Class 4 |
| Resistance to wind load | C4* |
| Sound reduction | 34 [-1,-4] dB |
| COLOUR | |
| White painted (KAS B1010) | ✓ |
| CLASSIFICATION IN ACCORDANCE WITH THE PARAMETERS OF EN 12101-2 | |
| Reliability (Re) | Re 1000 + 10000 |
| Snow load (SL) | SL 1000** |
| Low Temperature (T) | T [-15] |
| Wind load (WL) | WL 3000*** |
| Heat Exposure (B) | B 300 |

* M8A, S8A, U8A: no performance data, ** U8A size: SL 800, *** U8A size: WL 1500



NEXT 20
GUARANTEE



MAX PROTECT



THERMOSTAT



MASTER WOOD



SAFE GUARD



WHITE DESIGN

APPLICABLE

- In common access areas of pitched roof buildings, such as stairwells, offices, etc.
- In roof pitch range of 15°-60°
- Suitable on all common roofings with proper flashing

FEATURES

- Complete smoke-ventilation system.
- Smoke ventilation roof window (KAS) tested and certified according to EN 12101-2
- In case of fire opens to maximum position within 60 seconds
- Centre pivot wooden roof window
- Preinstalled opening motor
- Gas strut assisted opening
- Toughened outer glass
- Laminated internal safety glass
- Double gasket system between frame and sash
- Double Low-e coating
- Easy installation
- 10+10 year guarantee
- Optional wall switch available for comfort ventilation
- Optional rain sensor available for comfort ventilation
- Cannot be used for roof exit or escape purposes!

MATERIAL

- Kiln-dried laminated pine wood
- Timber from FSC certified forests
- Fungicide protection
- Water based lacquer

COVER PARTS

- Aluminium, lacquered, grey colour (RAL 7043)

HINGE

- Pivot hinge



TECHNICAL DATA

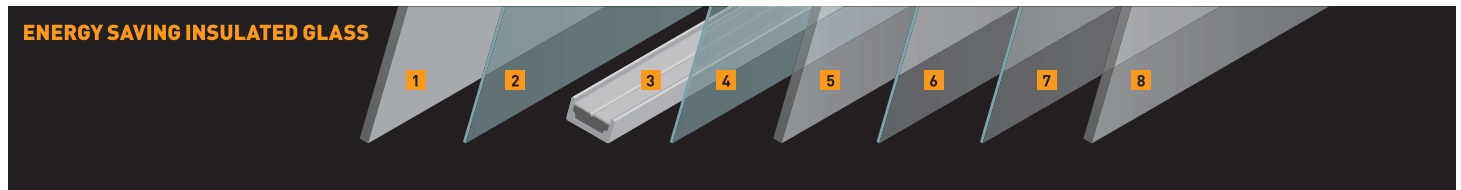
MEASURES [cm]

| CODE | NOMINAL SIZE | FRAME EXTERNAL SIZE | | PANE SIZE | | VISIBLE GLASS | | |
|---------|--------------|---------------------|--------|-----------|--------|---------------|--------|-------------------------------------|
| | | WIDTH | HEIGHT | WIDTH | HEIGHT | WIDTH | HEIGHT | EFFECTIVE LIGHT AREA m ² |
| KAS M4A | 78x98 | 78 | 97.8 | 62.8 | 84.9 | 60.3 | 79 | 0.476 |
| KAS M6A | 78x118 | 78 | 117.8 | 62.8 | 104.9 | 60.3 | 99 | 0.597 |
| KAS M8A | 78x140 | 78 | 139.8 | 62.8 | 126.9 | 60.3 | 121 | 0.729 |
| KAS S6A | 114x118 | 114 | 117.8 | 98.8 | 104.9 | 96.3 | 99 | 0.953 |
| KAS S8A | 114x140 | 114 | 139.8 | 98.8 | 126.9 | 96.3 | 121 | 1.165 |
| KAS U4A | 134x98 | 134 | 97.8 | 118.8 | 84.9 | 116.3 | 79 | 0.919 |
| KAS U8A | 134x140 | 134 | 139.8 | 118.8 | 126.9 | 116.3 | 121 | 1.407 |

FLASHING COMPATIBILITY TABLE

| CODE | SLATE FLASHING with soaker elements 0-16mm [2x8mm] | SLATE FLASHING with one-piece element 0-16mm [2x8mm] | TILE FLASHING (16-50mm) | INTERLOCKING FLAT TILE FLASHING (0-16mm) | UNIVERSAL FLASHING (16-120mm) | STANDING SEAM FLASHING (max 40mm profile height) |
|---------|--|--|----------------------------|--|-------------------------------------|---|
| KAS M4A | KSF M4A | KLS M4A | KTF M4A | KFT M4A | KUF M4A | KSS M4A |
| KAS M6A | KSF M6A | KLS M6A | KTF M6A | KFT M6A | KUF M6A | KSS M6A |
| KAS M8A | KSF M8A | KLS M8A | KTF M8A | KFT M8A | KUF M8A | KSS M8A |
| KAS S6A | KSF S6A | KLS S6A | KTF S6A | KFT S6A | KUF S6A | KSS S6A |
| KAS S8A | KSF S8A | KLS S8A | KTF S8A | KFT S8A | KUF S8A | KSS S8A |
| KAS U4A | KSF U4A | KLS U4A | KTF U4A | KFT U4A | KUF U4A | KSS U4A |
| KAS U8A | KSF U8A | KLS U8A | KTF U8A | KFT U8A | KUF U8A | KSS U8A |

PANE CONSTRUCTION



1: 4 mm toughened safety glass 2, 4: Low-E coating [reflects heat] 3: Argon gas filled cavity 5, 8: 3 mm float glass 6, 7: Two layers of tear resistant foil

AVAILABLE SIZES [cm]

| | | | | | | |
|------------|------------|------------|------------|------------|------------|------------|
| | | | | | | |
| M4A | M6A | M8A | S6A | S8A | U4A | U8A |
| 78x98 | 78x118 | 78x140 | 114x118 | 114x140 | 134x98 | 134x140 |



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WIND DEFLECTOR

KWU



KWU wind deflector should be used when aerodynamic free area is legally required. This may depend on the application and the local legislation.



KAS smoke ventilation window without wind deflector is used when geometrical area is legally required only.

| MEASURES [CM] | M4A | M6A | M8A | S6A | S8A | U4A | U8A |
|---|------|------|------|------|------|------|------|
| Geometrical opening area, A_v [m ²] | 0.64 | 0.78 | 0.93 | 1.18 | 1.41 | 1.14 | 1.68 |
| Aerodynamic area with wind deflector (KWU), A_a [m ²] | 0.38 | 0.44 | 0.51 | 0.54 | 0.63 | 0.5 | 0.69 |

APPLICABLE

- Warehouses, assembly plants
- For construction projects in which an aerodynamic opening area is required.
- Extra side element with foam for high profile roofing materials

MATERIAL

- Steel
- Powder coated grey, RAL7043

AVAILABLE SIZES [CM]

| M4A | M6A | M8A | S6A | S8A | U4A | U8A |
|-------|--------|--------|---------|---------|--------|---------|
| 78x98 | 78x118 | 78x140 | 114x118 | 114x140 | 134x98 | 134x140 |

