

# Williaam Cox Kingspan Eura-R



## Product Overview

SHEV Application



|                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Manufacturer          | Kingspan (www.kingspan.com)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Type                  | Williaam Cox louvred ventilator, type Kingspan Eura-R                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Description           | Natural louvred ventilator, suitable for ventilation purposes and smoke & heat ventilation                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Top Louvres           | Fixed or controllable                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Top Louvre Operation  | Single action pneumatic cylinder + CO2 fire function (PB)<br>Single action failsafe pneumatic cylinder (PBFS)<br>Single action pneumatic cylinder + CO2 fire function that activates the smoke & heat ventilation when 10 bar is exceeded (PB10bar)<br>Double action pneumatic cylinder + CO2 fire function (P2B)<br>24Vdc spindle motor (M24) for daily ventilation with single action pneumatic cylinder + CO2 fire function for smoke & heat ventilation (PBM)<br>24Vdc spindle motor + transformer / rectifier (M230) + additional systemt |
| Side Blades           | Permanently open or controllable                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Side Blades Operation | Single action pneumatic cylinder (P-Z) / 24Vdc spindle motor(M24-Z) / 24Vdc spindle motor + transformer / rectifier (M230-Z)                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Base                  | Low uninsulated (LB) /high uninsulated (HB) /high insulated (GHB)                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Top Louvres           | Single wall aluminium / double wall aluminium / double wall insulated aluminium (alu-iso) / sandwich panel 8/16mm / double wall polycarbonate, colour: clear or opal (isolux 8/16mm) / single clear laminated glass (3.3.2.) / insulated glass 4-6-3.3.2                                                                                                                                                                                                                                                                                       |
| Flanges               | Uninsulated / insulated; type clamp mounted single glass (F1) / clamp mounted insulated glass (F2) / elevation 45 ° (F3) / plane (F4) / elevation 90° (F5) / profiled roof (F6) / skylight connection (F7) /connecting flange (F8)                                                                                                                                                                                                                                                                                                             |
| Clear opening (w x l) | *** x *** mm (identical)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

# Smoke Ventilators

## Williaam Cox Kingspan Eura-R

|                      |                                                                                                                                                                                   |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Flange sizes (w x l) | *** x *** mm (identical)                                                                                                                                                          |
| Aerodynamic flow     | *** m <sup>2</sup>                                                                                                                                                                |
| Installation         | On preformed upstand / in glass roof construction / surface mounted profiled roof                                                                                                 |
| Protection           | To match glass roof construction / enamel finish with *** layer polyester powder coating, layer thickness *** mu, in standard RAL colour (group ***) untreated (milled aluminium) |
| Test(s)              | EN 12101-2<br>Soft Body Impact test 1200J                                                                                                                                         |



## Product Overview

SHEV Application



|                       |                                                                                                                                                                                                                                                         |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Manufacturer          | Kingspan (www.kingspan.com)                                                                                                                                                                                                                             |
| Type                  | Williaam Cox louvred ventilator, type Kingspan Eura-R                                                                                                                                                                                                   |
| Description           | Natural louvred ventilator, suitable for ventilation purposes                                                                                                                                                                                           |
| Top Louvres           | Fixed or controllable                                                                                                                                                                                                                                   |
| Top Louvre Operation  | Single action pneumatic cylinder (P) / double action pneumatic cylinder (P2) 24Vdc spindle motor (M24) / 24Vdc spindle motor + transformer / rectifier (M230)                                                                                           |
| Side Blades           | Permanently open or controllable                                                                                                                                                                                                                        |
| Side Blades Operation | Single action pneumatic cylinder (P-Z) / 24Vdc spindle motor (M24-Z) / 24Vdc spindle motor + transformer / rectifier (M230-Z)                                                                                                                           |
| Base                  | Low uninsulated (LB) / high uninsulated (HB) / insulated (GHB)                                                                                                                                                                                          |
| Louvres               | Single wall aluminium / double wall aluminium / double wall insulated aluminium (alu-iso) / sandwich panel 8/16mm / double wall polycarbonate, colour: clear or opal (isolux 8/16mm) / single clear laminated glass (3.3.2) / insulated glass 4-6-3.3.2 |
| Flanges               | Uninsulated / insulated; type clamp mounted single glass (F1) / clamp mounted insulated glass (F2) / elevation 45 ° (F3) / plane (F4) / elevation 90° (F5) / profiled roof (F6) / skylight connection (F7) / connecting flange (F8)                     |
| Clear opening (w x l) | *** x *** mm (identical)                                                                                                                                                                                                                                |
| Flange sizes (w x l)  | *** x *** mm (identical)                                                                                                                                                                                                                                |
| Aerodynamic flow      | *** m <sup>2</sup>                                                                                                                                                                                                                                      |
| Installation          | On preformed upstand / in glass roof construction / surface mounted                                                                                                                                                                                     |
| Wind Baffle           | Included / excluded                                                                                                                                                                                                                                     |
| Protection            | To match glass roof construction / enamel finish with *** layer polyester powder coating, layer thickness *** mu, in standard RAL colour (group ***) untreated (milled aluminium)                                                                       |
| Test(s)               | Soft Body Impact test 1200J                                                                                                                                                                                                                             |