



## Specifications

SHEV application   

### **Brakel® Incendia**

Manufacturer	: Brakel (www.brakel.com)
Type	: Brakel® Incendia
Description	: natural mono flap ventilator, suitable for ventilation and smoke & heat ventilation purposes
Operation	: double action pneumatic cylinders + CO <sub>2</sub> fire function (P2B) / single action failsafe pneumatic cylinders (PB-FS) 24Vdc spindle motor (M24) >> opening angle 140°
Base	: insulated (G) / uninsulated (O)
Louvers	: insulated aluminium / uninsulated aluminium / multi wall polycarbonate (isolux 16mm), colour: clear or opal
Flanges	: uninsulated / insulated
Clear opening (w x l)	: *** x *** mm (identical)
Flange sizes (w x l)	: *** x *** mm (identical)
Aerodynamic flow	: *** m <sup>2</sup>
U value	: Depending on type and size from 1.30 W/m <sup>2</sup> K and up
Test	: - EN 12101-2 - Soft Body Impact test 1200J
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 *** µ, in standard RAL colour (group ***) / anodised / untreated (milled aluminium)
Important	: to satisfy guarantee conditions Incendia must be closed during rain and high winds (> 14 m/s), unless during fire, when the Incendia should remain open for the extraction of the resulting smoke and heat. Installation of a rain sensor and wind speed meter is therefore essential



## Specifications

Ventilation application  

### Brakel® Incendia

Manufacturer	: Brakel ( <a href="http://www.brakel.com">www.brakel.com</a> )
Type	: Brakel® Incendia
Description	: natural mono flap ventilator, suitable for ventilation purposes
Operation	: double action pneumatic cylinder (P2) / 24Vdc spindle motor (M24) >> opening angle P2 operation is 140°, opening angle M24V operation is time-controlled to max. 140°
Base	: insulated (G) / uninsulated (O)
Louvers	: insulated aluminium / uninsulated aluminium / multi wall polycarbonate (isolux 16mm), colour: clear or opal
Flanges	: uninsulated / insulated
Clear opening (w x l)	: *** x *** mm (identical)
Flange sizes (w x l)	: *** x *** mm (identical)
Aerodynamic flow	: *** m <sup>2</sup>
U value	: Depending on type and size from 1.30 W/m <sup>2</sup> K and up
Test(s)	: Soft Body Impact test 1200J
Installation	: on preformed upstand / in glass roof construction / surface mounted
Protection	: to match glass roof construction / enamel finish with *** layer polyester powder coating, layer thickness *** µ, in standard RAL colour (group ***) / anodised / untreated (milled aluminium)
Important	: to satisfy guarantee conditions Incendia must be closed during rain and high winds (> 14 m/s). Installation of a rain sensor and wind speed meter is therefore essential.