SHEV application

Brakel® Fumetica

Manufacturer	: Brakel (www.brakel.com)
Type	: Brakel® Fumetica
Description	: natural double flap ventilator, suitable for ventilation and smoke & heat ventilation purposes
Operation	: double action pneumatic cylinders + CO_2 fire function (P2B) / double action failsafe pneumatic cylinders (P2BFS) 24Vdc spindle motor (M24) Fumetica with P2B or P2BFS operation is free of silicone or other lacquer harming substances
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^2
U value	: Depending on type and size from 1.40 W/m^2K 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 *** mu, in standard RAL colour (group ***) / anodised / untreated (milled aluminium)
Important	: to satisfy guarantee conditions Fumetica must be closed during rain and high winds (> 14 m/s), unless during fire, when the Fumetica should remain open for the extraction of the resulting smoke and heat. Installation of a rain sensor and wind speed meter is therefore essential

Ventilation application

Brakel® Fumetica

Manufacturer	: Brakel (www.brakel.com)
Type	: Brakel® Fumetica
Description	: natural double flap ventilator, suitable for ventilation purposes
Operation	: double action pneumatic cylinder (P2) / 24Vdc spindle motor (M24) Fumetica with P2 operation is free of silicone or other lacquer harming substances
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^2
U value	: Depending on type and size from 1.40 W/m^{2}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 *** mu, in standard RAL colour (group ***) / anodised / untreated (milled aluminium)
Important	: to satisfy guarantee conditions Fumetica must be closed during rain and high winds (> 14 m/s). Installation of a rain sensor and wind speed meter is therefore essential.