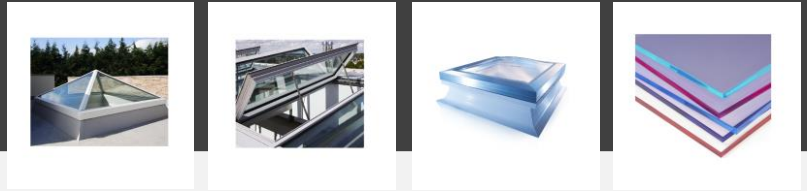


# COXDOME Brakel<sup>®</sup> Eura-R

SHEV application   

Manufacturer	Brakel ( <a href="http://www.brakel.com">www.brakel.com</a> )
Type	Williaam Cox louvered ventilator, type Brakel <sup>®</sup> Eura
Description	natural louvered ventilator, suitable for ventilation purposes and smoke & heat ventilation
Top Louvres	fixed or controllable
Top Louvre Operation	single action pneumatic cylinder + CO <sub>2</sub> fire function (PB) single action failsafe pneumatic cylinder (PBFS) single action pneumatic cylinder + CO <sub>2</sub> fire function that activates the smoke & heat ventilation when 10 bar is exceeded (PB10bar) double action pneumatic cylinder + CO <sub>2</sub> fire function (P2B) 24Vdc spindle motor (M24) for daily ventilation with single action pneumatic cylinder + CO <sub>2</sub> fire function for smoke & heat ventilation (PBM) 24Vdc spindle motor + transformer / rectifier (M230) + additional system
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 Louvers	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 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 - Soft Body Impact test 1200J





# COXDOME Brakel<sup>®</sup> Eura-R

SHEV application

Manufacturer	Brakel (www.brakel.com)
Type	Williaam Cox louvered ventilator, type Brakel <sup>®</sup> Eura
Description	natural louvered 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 Blade 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)
Louvers	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

