

Williaam Cox Kingspan Duo Therma



Product Overview

SHEV Application



Manufacturer	Kingspan (www.kingspan.com)
Type	Williaam Cox double flap ventilator, type Kingspan Duo Therma
Description	Natural double flap ventilator, suitable for ventilation and smoke & heat ventilation purposes
Operation	Double action pneumatic cylinders + CO2 fire function (P2B) / double action failsafe pneumatic cylinders (P2BFS) 24Vdc spindle motor (M24)
Base	Thermally separated (TG) / insulated (G) / uninsulated (O)
Louvres	Thermally insulated aluminium / insulated aluminium / uninsulated aluminium / double wall polycarbonate, colour: clear or opal (isolux 16mm) / Multi-wall polycarbonate, colour - clear or opal (isolux 55mm) / single laminated glass (4.4.2) / insulated glass (5-15-4.4.2) / acoustically insulated 34 dB / 44 dB
Flanges	Uninsulated / insulated
Clear opening (w x l)	*** x *** mm (identical)
Flange sizes (w x l)	*** x *** mm (identical)
Aerodynamic flow	*** m ²
Acoustic values	Kingspan Duo Therma TG 31 dB Kingspan Duo Therma acoustic 34 dB or 44 dB
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)

Smoke Ventilators

Williaam Cox Kingspan Duo Therma

Test	EN 12101-2 Soft Body Impact test 1200J
Important	To satisfy guarantee conditions Duo Therma must be closed during rain and high winds (> 14 m/s), unless during fire, when the Duo Therma should remain open for the extraction of the resulting smoke and heat. Installation of a rain sensor and wind speed meter is therefore essential.

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Operation	Double action pneumatic cylinder (P2) / 24Vdc spindle motor (M24)
Base	Thermally separated (TG) / insulated (G) / uninsulated (O)
Louvres	Thermally separated aluminium / insulated aluminium / uninsulated aluminium / double wall polycarbonate, colour: clear or opal (isolux 16mm) / multi-wall polycarbonate, colour - clear or opal (isolux 55mm) / single laminated glass (4.4.2) / insulated glass (5-15-3.3.2 / 5-15-4.4.2) / acoustically insulated 34 dB / 44 dB
Flanges	Uninsulated / insulated
Clear opening (w x l)	*** x *** mm (identical)
Flange sizes (w x l)	*** x *** mm (identical)
Aerodynamic Flow	*** m2
Acoustic values	Kingspan Duo Therma TG 31 dB Kingspan Duo Therma TG acoustic 34 dB or 44 dB
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)
Test	Soft Body Impact test 1200J
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