GILBERTS
AIR DISTRIBUTION AND NATURAL VENTILATION SOLUTIONS

WGK100

Standard Efficiency Weather Louvre

PRODUCT DESCRIPTION

Series WGK/100 Louvre is a standard weather performance (Class C) build on site kitform louvre system. Supplied as a kit of mullions, flashings, fixing cleats and clip-on blades, the system is assembled and cut on site to suit a variety of openings and screening applications. A full array of colour, guard, blanking, plenum, and spigot options are available.

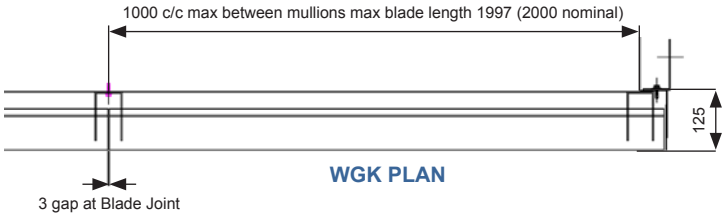
3D VISUAL



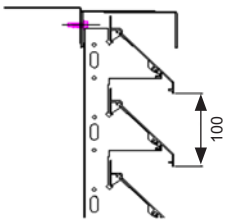
SPECIFICATION

Type:	WGK/100 (standard performance louvre) build on site kitform louvre
Performance:	Standard weathering performance – Class C – see charts
Material:	Extruded Aluminium grade ENAW 6063T6 to BSEN 755-1 AND 9
Blade pitch & angle:	75mm at 45°, Blades fixed, single bank
Frame:	Front and rear head flashings, base cill and vertical support mullions
Accessories:	**Standard Accessories** Bird guard (BG) Vermin Mesh (VM) Insect Mesh (IS) Aluminium Blanking Plate (SBP) Galvanised Blanking Plate Insulated Blanking Plate (IBP) **Non-Standard Accessories** Insulated blanking panels with encapsulated insulation
Finish:	Polyester powder coated / Mill finish

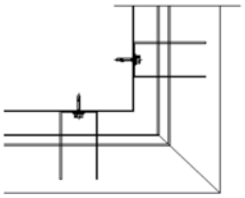
DETAILS



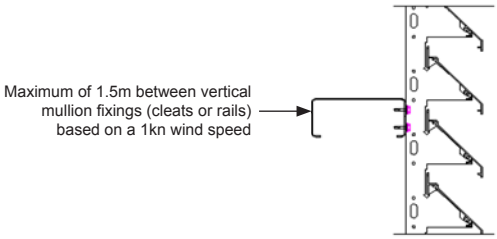
WGK PLAN



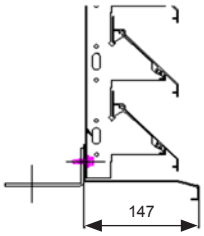
WGK HEAD



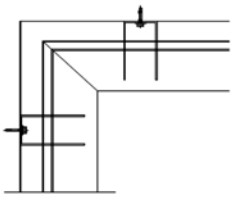
WGK EXTERNAL CORNER



WGK CILL

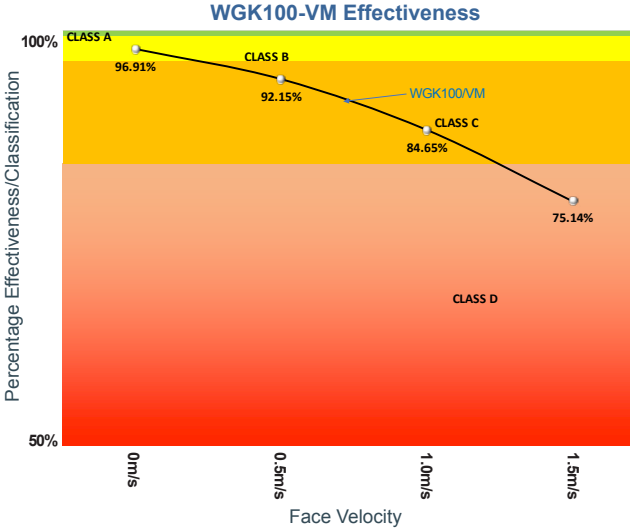


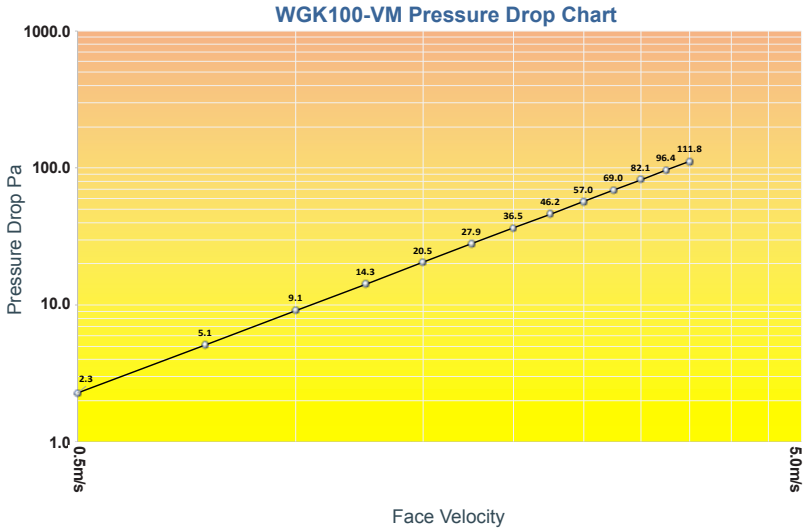
WGK CILL



WGK INTERNAL CORNER

PERFORMANCE DATA





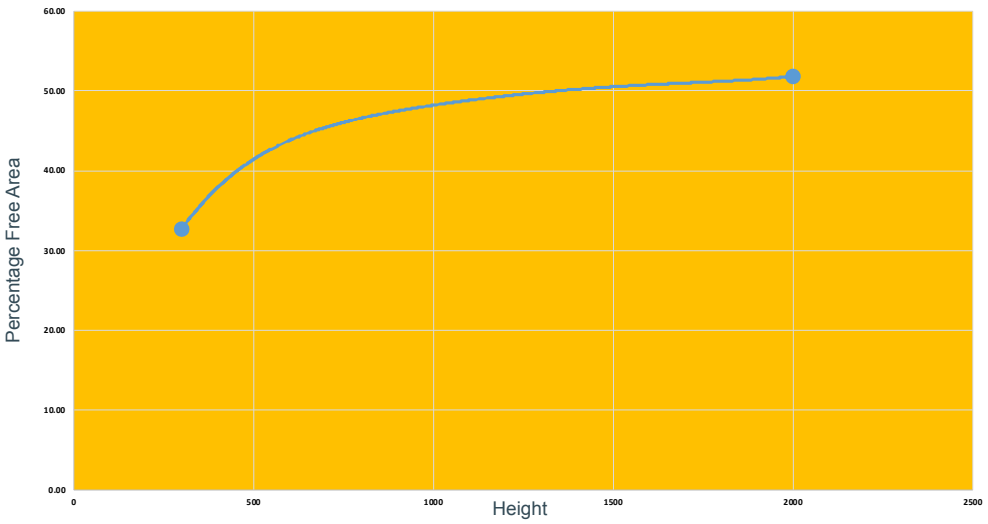
Tested in accordance with BSEN 13030:2001

FREE AREA

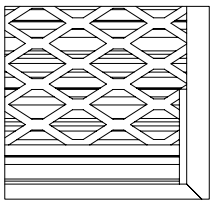
Height dimension rules the free area.
To work out the actual free area, multiply the louvre width x louvre height x relevant %age given on chart.

E.g., a 600mmx600mm louvre Opening = 0.6m x 0.6m x 0.4583 = 0.165m2 free area.

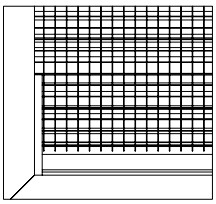
The free area graph shows an average free area across pitch increments. Below 500 high there can be up to a 10% variance in free area. This variance decreases the higher the louvre gets (less than 4% at 1000 high and less than 1.5% at 1900 high). Please check with our Area Sales Managers or Technical Department when designing your system.



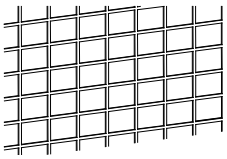
OPTIONS



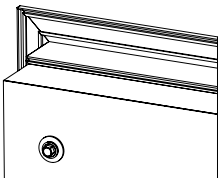
Birdgard (BG)



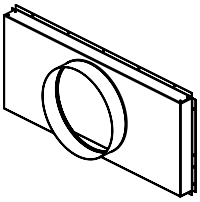
Insect Screen (IS)



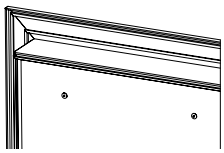
Vermin Mesh



Blanking Plate (IBP)



Plenum Box & Spigot (on application)



Blanking Plate (SBP)

OTHER SERVICES

Gilberts offer fully supported site services and installation, site surveys, GA drawings and more. With over 30 years experience, you can be sure to receive excellent customer service with a focus on cross disciplinary co-ordination and strong health and safety considerations.







PHOTOS







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