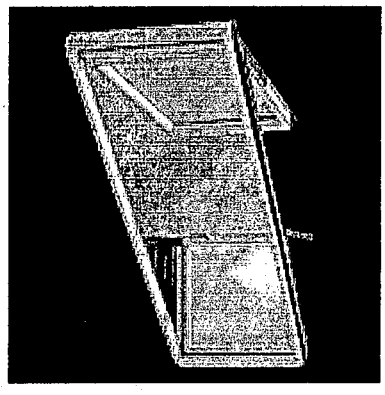
ARUN DISTRICT COUNCIL:EP/120/06/ 18/08/2006

VELUX®

GDL CABRIO™ Roof Window Balcony System



Combined roof window and balcony

Application
The GDL CABRIO Roof Balcony window can be used on its own in roof pitches 35° and 53°.
It can also be used, to great effect, in conjunction with a combination comprising GPL top-hung and GIL fixed lower window elements. Further combinations are also available.

Features
The GDL upper sash and GPL can open up to 45° and have control bars, ventilation flaps with air filters and barrel bolts to secure the sash when reversed for cleaning. The GDL bottom sash has integral railings which automatically slide into place.

Operation
Comprising of GDL, GPL and GIL roof windows, the system retains all the functions of a VELUX roof window. The GDL CABRIO balcony opens and closes easily on powerful, spring assisted hinges.

GDL CABRIO upper element and GPL are opened by means of a handle on the bottom of the sash. The control bar at the top of the sash is used to open the ventilation flap or to fully rotate the window into the cleaning position. When pushed gently forward into the vertical position the lower section of the GDL forms an instant balcony with side railings. GIL is a fixed window element which fits directly below the GPL.

GDL versions

	Standard	Variants
Frame and sash	*Nordic pine with TOPfinish™*	*White paint, PAINTfinish™*
Exterior cladding	*Grey aluminium*	*Titanium zinc, pre-patinated zinc, copper or other cladding colours*
Panes	*PROTEC-STAR™ (–73)*	*See section 8*

The CABRIO Roof Window Balcony System can be combined with:

Flashings for
- *Single installation*
- *Combi installation*

Linings for
- *Roof*

Interior sunscreening
- *Siesta blinds*
- *Roller blinds*
- *Pleated blinds*
- *Venetian blinds*

Exterior sunscreening
- *Awning blind – only for top element.*

Additional accessories
- *Insect screen*

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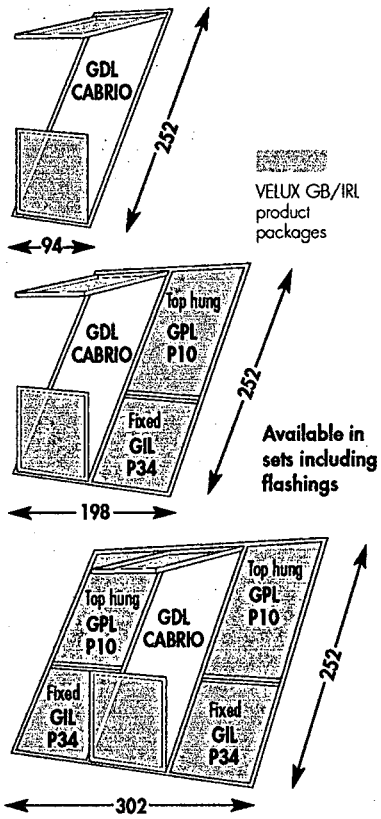
Technical data CABRIO™ Roof Window Balcony System

Sizes

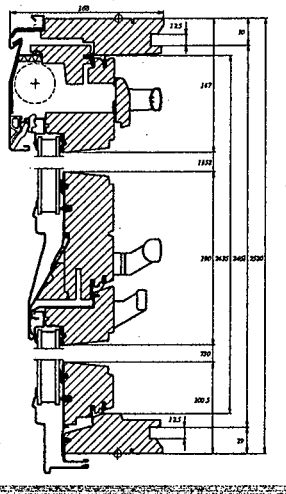


Technical data

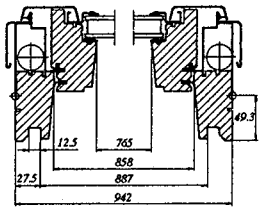
	Pane variant	Sizes P19	P10	P34
Ventilation flap [10³ mm²]	--73	5.0	5	-
Ventilation open window [m²]	--73	2.09	1.30	-
Effective daylight area [m²]	--73	1.59	1.03	0.56
Thermal transmittance, U_w [W/m²K]	--73	1.6	pr EN ISO 12567-2	
Sound insulation, R_w [dB]	--73	35	EN ISO 140-3/EN ISO 717-1	
Air permeability	--73	Class 3	EN 12207	
Light transmittance, τ_v	--73	0.75	EN 410	
Total solar energy transmittance, g	--73	0.54	EN 410	

Cross-sections and measurements

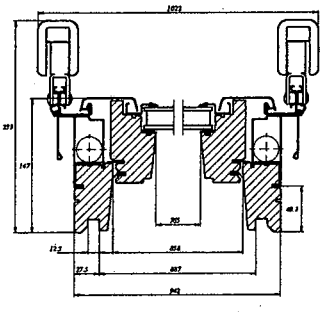
Vertical section



Horizontal section, top element



Horizontal section, bottom element



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