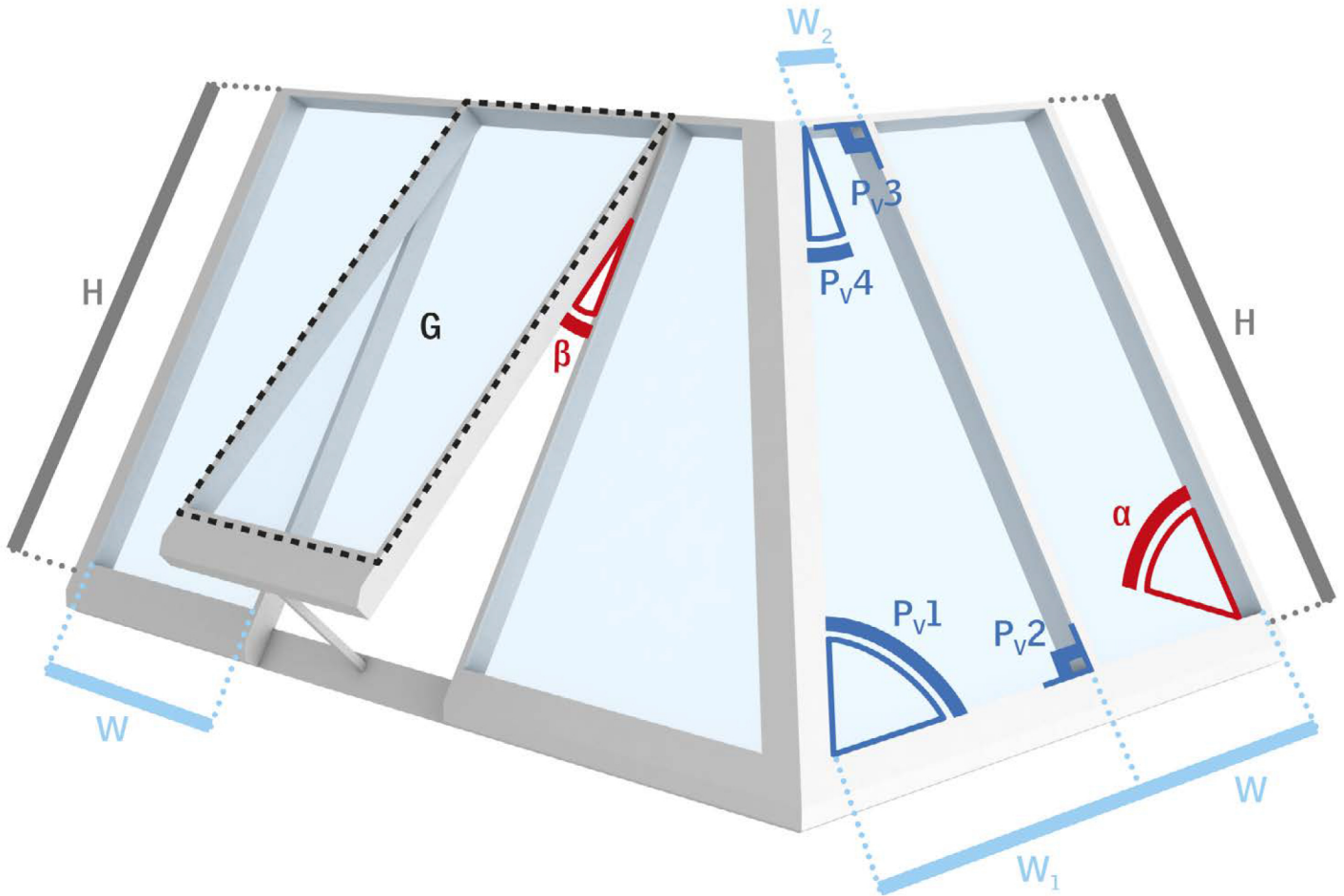


Panel design options

The tables to the right describe the design options such as the size of the panels and installation pitch. To confirm the size of the panel, a static calculation incorporating snow and wind loads is required for the specific project.



Configuration options



Fixed, comfort and smoke evacuation panels outside the scope of EN 12101-2

		Double glazing	Triple glazing
W	Module width	264 mm – 1200 mm (fixed or crossbar solution)	256 mm – 1200 mm (fixed or crossbar solution) 651 mm – 1200 mm (hidden actuator)
	Panel width	Module width – 4 mm	Module width – 6 mm
W₁₋₂	Shaped panel	Measurement limitations per shaped type, please contact your local VELUX Commercial sales office	Measurement limitations per shaped type, please contact your local VELUX Commercial sales office
H	Panel height	260 mm – 2900 mm	250 mm – 3500 mm
	Ratio	W/H: 1:6 or 6:1	W/H: 1:6 or 6:1
G	Panel area**	max. 2 m ²	max. 3 m ²
β	Opening angles	0° – 45° (max. opening to horizontal)	0° – 45° (max. opening to horizontal)
P_v	Corner angles	Fixed panels 25° – 155°. Venting panels only with 90° corners.	Fixed panels 25° – 155°. Venting panels only with 90° corners.
α	Installation pitch	15° – 90° (ponding groove if pitch is under 25°)*	15° – 90° (ponding groove if pitch is under 25°)*

Smoke venting panels, in accordance with EN 12101-2

		Double glazing	Triple glazing
W	Module width	504 – 1200 mm (crossbar solution)	506 mm – 1200 mm (crossbar solution) 851 mm – 1200 mm (hidden actuator)
	Panel width	Module width – 4 mm	Module width – 6 mm
H	Panel height	600 mm – 2900 mm	500 mm – 3500 mm (crossbar solution) 500 mm – 2366 mm (hidden actuator)
	Ratio	W/H: 1:6 or 6:1	W/H: 1:6 or 6:1
G	Panel area**	max. 2 m ²	max. 2 m ²
β	Opening angle	0° – 45°	8° – 45°
α	Installation pitch	15° – 60° (ponding groove if pitch is under 25°)*	15° – 50° (ponding groove if pitch is under 25°)*
	Glazing weight	max. 40 kg/m ²	max. 50 kg/m ²
	Wind deflector	Not available	Available in size 200 and 400 mm high
	Solutions	Be aware that the above guidance only applies to some solutions, please contact your local VELUX Commercial sales office	Be aware that the above guidance only applies to some solutions, please contact your local VELUX Commercial sales office

For more information regarding venting panels, see page 26.

* For more information regarding ponding groove, see page 25.

** Based on panel width x height.