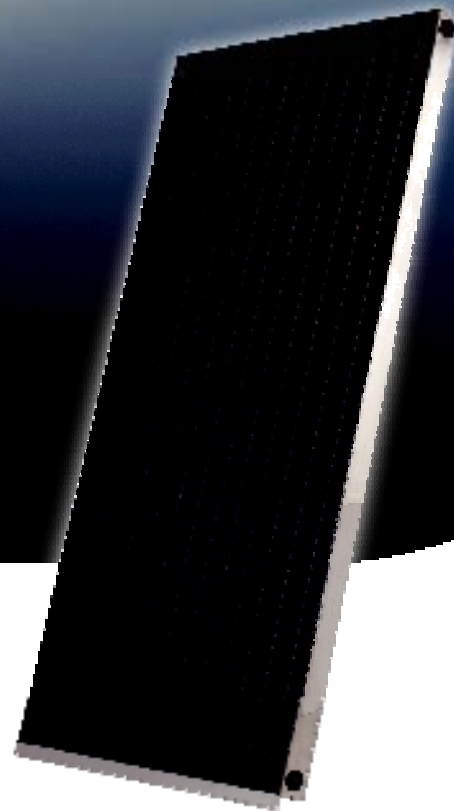




Kingspan SOLAR

Flat Plate



Kingspan Solar Flat Plate

High Performance Solar Thermal Flat Plate Technology

High-Grade Steel frame Collectors

Robust and hard-wearing, they are ideal for domestic and commercial use. Providing flexibility in installation, these panels can be either 'in-roof' or 'on-roof' depending on your requirements.

Benefits:

- Ultra light weight
- Extra high surface utilisation
- Simple roof integration
- Ideal for domestic and commercial use
- 10 year warranty when installed by a Kingspan Solar Accredited Installer
- A choice of vertical or horizontal collectors

FP200/240 Vertical

- Up to ten collectors can be combined as a collector field

FP200/240 Horizontal

- Up to four collectors (FP240) or five collectors (FP200) can be combined as a collector field



Hotel, Austria

Features:

- A Collector without covering frame for in-roof, on-roof-mounted and flat-roof installation
- Connections: 3/4" screwed connection with high-temperature seal (flat sealing)
- Ventilation through specially designed riveting nuts
- Glass: glued frameless

Technical Specification

Frame	Roll-formed high grade steel profile, edge guard around the perimeter ventilation through specially designed riveting nuts			
Glass	Tempered safety glass, solar glass, textured, framelessly glued			
Back Panel	Aluminium, 0.6 mm			
Absorber	Almeco Tinox, ultrasonically welded; Manifold 22 mm harp-shaped absorber pipes 12/25 (for FP200) and 12/31 (for FP240) à Ø6 mm			
Insulation	Back panel: 40 mm rock wool, sides: 10 mm rock wool			
Connections	3/4" outside thread, 3/4" coupling ring			
Mounting Mode	In-roof design (only FP200 and FP240 Vertical) Roof-mounted Roof-mounted, raised Flat roof, upright Wall mounted			

	FP200V	FP200H	FP240V	FP240H
Dimensions	Vertical	Horizontal	Vertical	Horizontal
	Length: 2.018 m	Length: 1.018 m	Length: 2.443 m	Length: 1.018 m
	Width: 0.985 m	Width: 1.985 m	Width: 0.985 m	Width: 2.410 m
	Height: 0.077 m	Height: 0.077 m	Height: 0.077 m	Height: 0.077 m
Gross surface area	1.99 m ²	2.02 m ²	2.41 m ²	2.45 m ²
Absorber area	1.87 m ²	1.87 m ²	2.27 m ²	2.27 m ²
Collector volume	1 litre	1.6 litre	1.1 litre	2 litre
Surface area utilised	94%	93%	94%	93%
Collector efficiency	81%	80%	81%	80%
Weight	34 kg	35 kg	41 kg	42 kg

Contact us now for further information

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