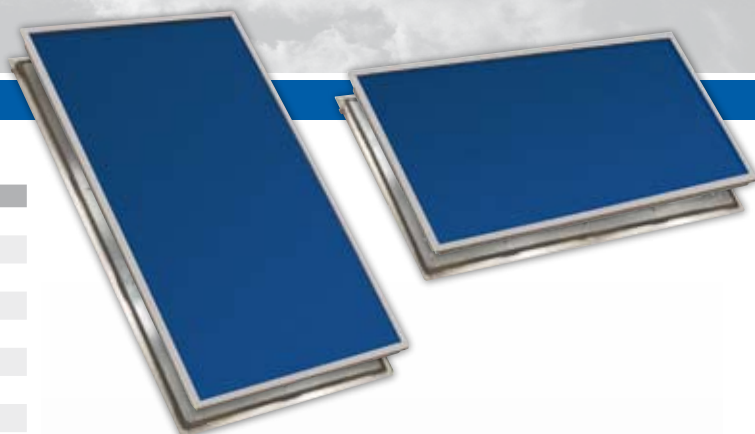


# Product information Roof-mounted collector ADK

**WESTFA**  
FLÜSSIGGAS UND  
UMWELTECHNIK

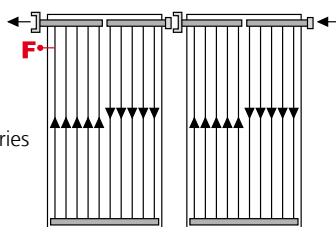


## Technical data ADK

	ADK	ADKQ
Collector type	Roof-mounted collector	
Type of mounting	Roof-mounted installation with roof pitch 15°-75°	
Gross surface in m <sup>2</sup>	2,57	
Aperture area in m <sup>2</sup>	2,29	2,21
Absorber surface in m <sup>2</sup>	2,16	2,21
Height in mm	2.077	1.239
Width in mm	1.239	2.077
Depth in mm	100	
Empty weight in kg	42,3	43,3
Collector capacity in l	1,6	
Absorber	full surface, highly selective vacuum coating sonically welded	vacuum coating ultrasonically welded
Connections	1" male thread and union nut 1"	
Absorption (a)	0,95	
Emission (e)	0,05	
Housing	Aluminium tray	
Thermal insulation	Rockwool insulation 50 mm incl. edge insulation	
Glazing	tempered low-iron solar safety glass 3,2 mm	
Number of panes	1	
Minimum yield	525 kWh/(m <sup>2</sup> a)	
Max. operating pressure	10 bar	
Max. stagnation temp.	ca. 200°C (1000W / 30°C)	ca. 224°C (1000W / 30°C)
Recomm. flow rate	approx. 15-40 l/h per m <sup>2</sup>	
Connection	max. 6 units in series	

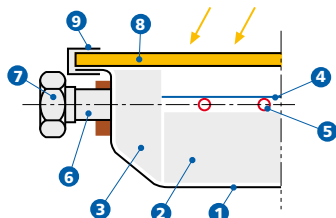
## Connection ADK

- Flow-through from right to left (sensor F installed in supply)
- Up to 6 ADK can be connected in series
- Easy screw fitting with flat gasket



## Design ADK

- 1 Aluminium tray
- 2 Back insulation
- 3 Lateral insulation
- 4 Absorber plate, selectively coated
- 5 Absorber tubes (design: double harp)
- 6 Collector pipe
- 7 Connection 1" right: male thread, left: union nut
- 8 Solar safety glass
- 9 Glass sealing, press-fitted



## Collector mounting options ADK



**The ADK roof-mounted collector is guaranteed a long service life thanks to the high-grade material used for its construction. Suitable for pitched roofs and flat roofs, its universal applicability for every roof and every location is its major advantage. The full-surface absorbers with highly selective vacuum coating, the high-quality insulation of the back and side panels and the attractive and durable aluminium tray make the ADK one of the best collectors in its class.**

## Advantages ADK

- Horizontal and vertical 2.5 m<sup>2</sup> units for allowing optimum exploitation of the roof surface
- Rain-tight and weather-resistant materials used for the outer skin to ensure a long service life
- Integrated collector pipe in the collector to prevent unnecessary piping on the outside
- High-quality, thick insulation made of non-decayable rockwool also used at the edge to prevent heat loss
- Simple and quick installation with screw fittings
- Visually appealing due to full-surface absorbers situated behind clear glass
- Attractive and stable aluminium mounting rails
- An "elevated" design is also available for flat roofs

## Dimensioning ADK

**Hot water generation:** 1-1.5 m<sup>3</sup> per person  
**Hot water generation and backup heating:**  
 approx. 1 m<sup>2</sup> absorber surface per 5-10 m<sup>2</sup> heated living space

arsenal  
research



011-75251F

Information  
also at

[www.westfa.com](http://www.westfa.com)