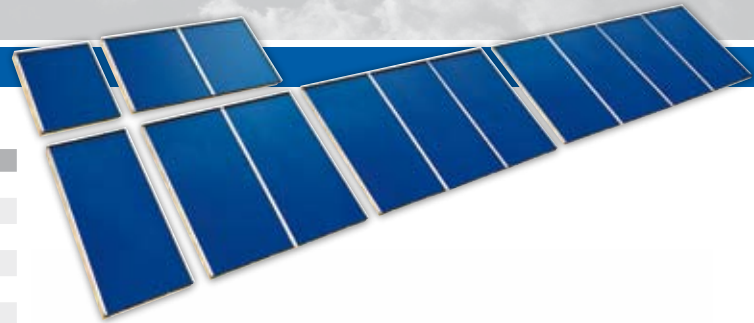


Product information

Roof-integrated collector

IDK

WESTFA
FLÜSSIGAS UND
UMWELTECHNIK

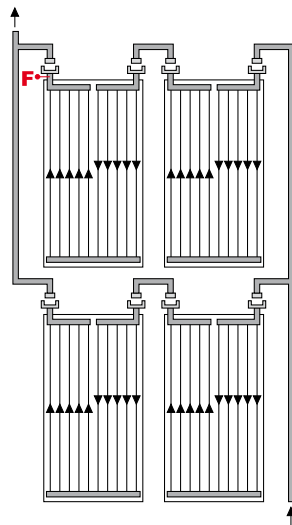


Technical data IDK

	IDK12	IDK25	IDK25Q	IDK50	IDK75	IDK100
Collector type	Roof-integrated collector					
Type of mounting	Roof-integrated installation with roof pitch 20°-65°					
Gross surface in m ²	1,25	2,52	2,49	5,04	7,56	10,08
Aperture area in m ²	1,09	2,31	2,28	4,62	6,93	9,24
Absorber surface in m ²	1,08	2,3	2,19	4,56	6,84	9,12
Height in mm	1.015	2.058	1.015	2.058	2.058	2.058
Width in mm	1.228	1.228	2.456	2.456	3.684	4.912
Depth in mm	106					
Empty weight in kg	27	54	54	110	168	225
Collector capacity in l	1,00	1,35	1,35	2,75	4,10	5,50
Absorber	full surface, laser-welded, highly selective vacuum coating					
Connections	union nut 1" female thread to 22 mm pipe					
Absorption (a)	0,95					
Emission (e)	0,05					
Housing	Wood					
Thermal insulation	rockwool 50 mm					
Glazing	4 mm tempered solar safety glass					
Number of panes	1	1	2	2	3	4
Minimum yield	525 kWh/(m ² a)					
Max. operating pressure	10 bar					
Max. stagnation temp.	approx. 180 °C plus ambient temperature					
Recomm. flow rate	approx. 15 - 40 l/h per m ²					

Connection IDK

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



Flashing IDK



The IDK roof-integrated collector is ideal for large collector surfaces. The collectors are directly integrated in the roof cladding instead of the roof covering, making for an attractive roof design. The possibility of combining collectors beside each other as well as on top of each other provides the right solution for every roof. We offer an almost nationwide installation service for IDK roof-integrated collectors in Germany. We will be pleased provide any information you require!

Advantages IDK

- Aesthetic integration into the roof environment
- Good exploitation of roof surface through numerous different module dimensions
- Multi-row installation possible
- Installation service with crane offered for difficult and large collector surfaces
- Roof insulation protects against heat loss
- Adjusted flashing for all standard tile forms
- Glass is cleaned by rain falling on the panes
- Simple and quick installation with screw fittings
- Ecologically and technically beneficial wooden frame
- Optimal price / performance ratio
- Visually appealing due to laser-welded full-surface absorbers situated behind clear glass

Dimensioning IDK

Hot water generation: 1-1.5 m³ per person
Hot water generation and backup heating:
 approx. 1 m² absorber surface per 5-10 m² heated living space



(beantragt)

Information
also at

www.westfa.com