



VK4000

Vacuum Tube Collector

VK4200
VK4250

PRODUCT BENEFITS

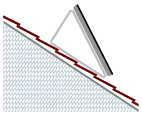
- Maximum solar yields even at low outside temperatures due to the low levels of heat loss and the highly selective coated vacuum tubes
- Optimum utilization of diffuse or oblique sunlight as a result of high-gloss coated, UV-resistant reflection mirrors
- Use of evacuated borosilicate glass
- Easy maintenance, individual vacuum tubes can be exchanged without emptying the solar circuit
- Easy-to-install fastening system for all standard roof types

VK4000 Vacuum Tube Collector

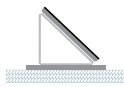
VK4200 | VK4250

INSTALLATION OPTIONS

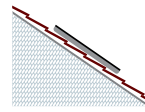
pitched roof **20°**



flat-roof **45°**



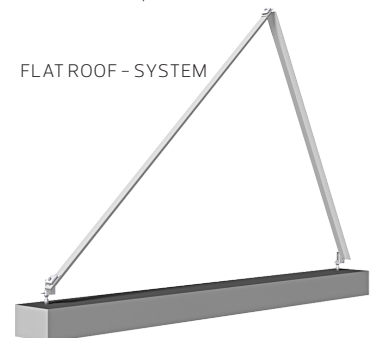
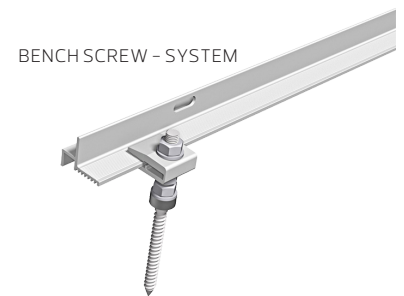
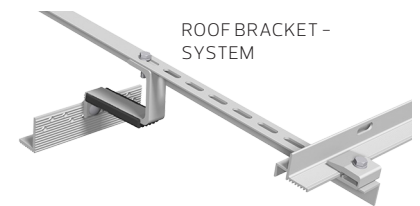
pitched roof, **parallel**



TECHNICAL DATA

	VK4200	VK4250
Collector type	Roof-mounted collector	
Number of tubes	10	14
Overall area [m ²]	1.84	2.57
Absorber area [m ²]	1.69	2.36
Aperture area [m ²]	1.60	2.23
L x W x H [mm]	1.120 x 1.647 x 107	1.560 x 1.647 x 107
Weight [kg]	31	42
Absorber capacity [l]	1.63	2.27
Housing	Al powder-coated	
Absorber sheet	Rolled Al-sheet	
Absorption [%]	96	
Emission [%]	6	
Ø manifold [mm]	18 (¾")	
Ø risers [mm]	8	
Connections	Coupling nut with flat seal	
Vacuum tubes	Borosilicate glass, high selective inside coating	
Reflection mirror	PVD-coated	
Insulation	Vacuum insulated	
Max. stagnation temperature	292 °C under test conditions	
Max. operating pressure	10 bar	
Heat transfer medium	Polypropylene glycol / water mixture	
Approved installation angle	min. 15°, max. 75°	
Packaging	customer specific	

MOUNTING SYSTEMS



GREENoneTEC 

SOLAR COLLECTORS

- The world's leading solar collector manufacturer
- 28.000 m² production facilities in Austria

- Over 250 mostly patented R&D projects
- Solar entrepreneur with 25 years experience in production
- 150.000 m² storage facilities
- Annual production capacity of 1,6 mio. m²
- Extensive product warranties