

# FK9000

## Tray Collector

### FK9250 M

### FK9250 H

#### PRODUCT BENEFITS

- New tray design guarantees maximum stability through an optimized reinforcement geometry
- Self-draining meander absorber with excellent stagnation behaviour
- Hydraulic push-fit connectors enable the inter-connection of up to 10 collectors
- The robot-controlled production line ensures the highest levels of precision during the production process
- Tempered solar safety glass
- Easy-to-install fastening system for all standard roof types
- Hydraulic quick connectors guarantee shortest installation times without tools

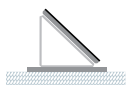


## FK9250 Tray Collector

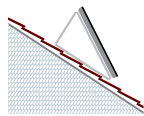
### FK9250M | FK9250H

#### INSTALLATION OPTIONS

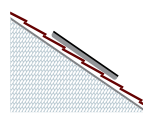
flat-roof **35–50°**



pitched-roof **20°**



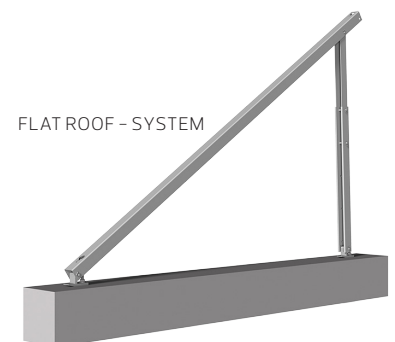
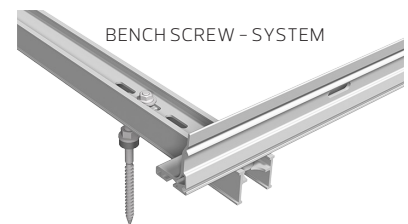
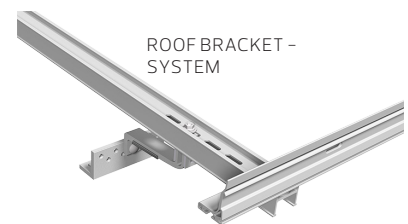
pitched-roof, **parallel**



#### TECHNICAL DATA

	FK9250 meander		FK9250 harp	
Collector type	Al tray collector with meander absorber			
Overall area [m²]			2.58	
Absorber area [m²]			2.30	
Aperture area [m²]			2.30	
L x W x H [mm]			2.081 x 1.242 x 96	
Weight [kg]	39.5	39.7	40.3	40.3
Absorber capacity [l]	1.4	1.42	1.86	1.76
Housing	Al tray			
Surface glass cover strips	Al, natural or anodised			
Absorber sheet	Al, high selective coated			
Absorption [%]	95			
Emission [%]	5			
Ø manifold [mm]	18		22	
Ø risers [mm]	8			
Connections	4 x (push fit connector)	4 x coupling nut with flat seal	4 x coupling nut with flat seal	2 x coupling nut with flat seal
Glass	3.2 mm tempered solar safety glass – matt prismatic or float			
Transmittance of glass [%]	90			
Insulation	50 mm mineral wool plate			
Max. stagnation temperature	210 °C under test conditions			
Max. operating pressure	10 bar			
Proper heat transfer medium	propylene glycol / distilled water mixture			
Approved installation angle	min. 15°, max. 75°			
Packaging	customer specific			

#### MOUNTING SYSTEMS



GREENoneTEC 1  
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