



Solar

WIKORA

SolarSpeicherSysteme

WIKOSUN DF 100 – 6

High vacuum tube collector “Direct flow”

WIKOSUN DF 100 - 6 is a direct flow vacuum tube collector. The module includes 6 pipes. The collector is responsible for a tilt angle from 0° to 90° and is suitable for mounting on the roof, a wall or horizontally on the flat roof. The tubes are vacuum sealed by thermocompression. A long-getter ensures sustained high vacuum. The copper absorber is highly selective coated with a high selective Tinox-surface. The tubes can be rotated with their absorber surfaces to be aligned in the optimum position to the sun.

The manifold casing consists of aluminium extruded profiles, is inside isolated with compressed mineral wool and outside thermal coated in colour RAL 9005. The components are characterized by their high level of efficiency, service life, and not least its environmental friendliness.

The modules are designed for easy installation and are already completed preassembled. A simple-to-use mounting system simplifies installation and reduces system cost. Tested in accordance with EN 12975 - 2 and certified with Solar Keymark. Registered by government agencies for grant assistance **The Greener homes scheme Ireland (SEI-ST-269T)**



Type	WIKOSUN DF 100-6
Item number	03 104000101
Design	Vacuum-Tube Collector direkt flow
Collector gross surface	1,59 m ²
Absorber surface	1,07 m ²
Apertur surface	1,12 m ²
Manifold casing	Aluminium extruded profile, thermalcoated RAL 9005

Specification	
Length x width x height	2206 x 720 x 142 mm
Weight	40 kg
Vacuum tubes	Boron silicate hard glass Ø 100 mm x 2,7 mm, supertransparent, hailstonesafe

Connections	Cu-tube Ø 22 mm
Thermal insulation manifold casing	Mineral wool compressed and laminated

Absorber	
Material	Copper plate on copper tube
Absorber coating	TiNOX
Efficiency	$\eta_0 = 82,5 \%$
Peak power	924 Watt per module
Capacity antifreeze	1,4 litre
Max. working pressure/testing pressure	6 / 10 bar
Stagnation temperature DIN 4753-3	Ca. 246 °C

Installation	On roof, flat roof, wall mounting
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Mounting accessories for WIKOSUN DF 100-6

On roof mounting kit ADM-2DF/ADM-3DF for WIKOSUN DF 100-6, consisting of profilrails from aluminium, rafter brackets and fixing components from stainless steel

	Item
ST-ADM-2DF for WIKOSUN DF 100 - 6 2 modules vertical side by side	01 3122 00101
ST-ADM-3DF for WIKOSUN DF 100 - 6 3 modules vertical side by side	01 3123 0 0101