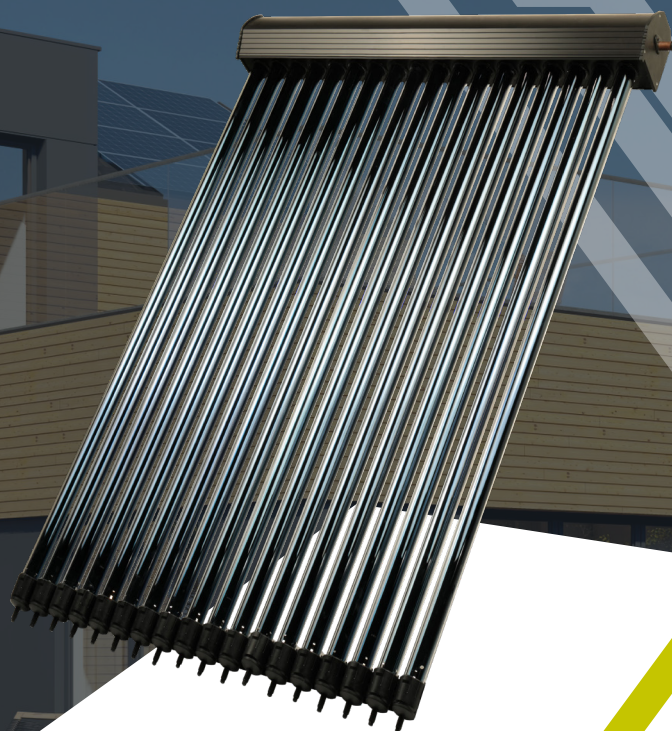


SOLAR COLLECTOR

KS-30



TÜVRheinland®
DIN CERTCO

Solar collectors are a solution to obtain energy from the sun in an environmentally friendly and cost-effective way. Thanks to high-quality components and advanced manufacturing technology, Kensol solar collectors are characterized by high efficiency and long service life.



High-performance
absorber coating



TÜV certified



5 year warranty

KENSOL

ENERGY FOR THE FUTURE

PARAMETER	
Number of vacuum tubes	30
Tube design	Vacuum tube with HEAT PIPE technology and round absorber
Mounting angle	15 - 50°
Pipe diameter	58 mm
Wall thickness	2,0 mm
Glass permeability	> 0,90
Collector height	1990 mm
Collector width	2455 mm
Collector depth	185 mm
Collector weight	96 kg
Liquid volume	1,85 L
Connection spigots	22 mm
Maximum pressure	6 bar
Total area	4,88 m ²
Active aperture area	3,87 m ²
Materials	Al/Cu/borosilicate glass/stainless steel
Coating	High-selective on copper substrate
Insulation	Vacuum/mineral wool
Absorption	> 93 %
Emissions	< 7 %
Optical efficiency of the absorber / aperture	0,402 / 0,44
Linear loss coefficient of absorber / aperture	0,28 W/(m ² K) / 0,536 W/(m ² K)
Coefficient of nonlinear loss of absorber / aperture	0,61 W/(m ² K) / 0,017 W/(m ² K ²)
Pipe stagnation temperature	250°
Module stagnation temperature	226°

Due to the continuous technical innovation, technical data above might be of modification accordingly. KENSOL informs of its sole right to make modifications at anytime without further notice.

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