

# KAIROS CF 2.0



## Solar collector for forced circulation

- ABSORBER WITH HIGHLY SELECTIVE TREATMENT TO TITANIUM OXIDES (95% ABSORPTION 5% EMISSION)
- HAIL-PROOF ANTI-REFLECTIVE GLASS
- HYDRAULIC CIRCUIT WITH COPPER PIPES
- HARP GEOMETRY AND CONTINUOUS ULTRASOUND WELDING
- DESIGNED AND SIZED FOR FUNCTIONING IN SYSTEM WITH FORCED CIRCULATION
- CAN BE INCLINED BETWEEN 30° AND 60°
- TEST REPORT ACCORDING TO EN 12975



HIGH  
ABSORBER



HAIL- PROOF



LONG  
DURATION



CORROSION-  
PROOF



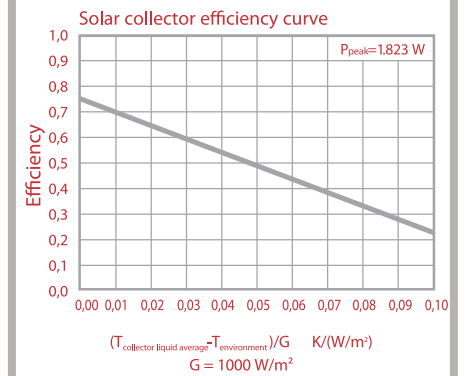
SOLAR  
KEYMARK



P-ICIM



HIGH  
EFFICIENCY



## Technical data

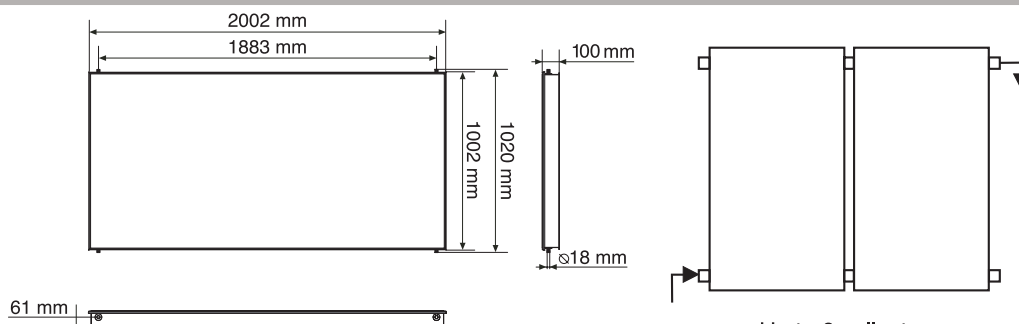
### KAIROS CF 2.0

Empty mass	Kg	46
Working pressure	bar	6
Collector pipe diameter	mm	18
Amount of collector liquid	l	1,02
Absorption	%	95
Emission	%	5
Aperture surface	m <sup>2</sup>	1,82
Absorbent surface	m <sup>2</sup>	1,74
Specific thermic capacity	kJ/K	13
$\eta_0$		0,738*
$k_1$	W/m <sup>2</sup> K	4,0*
$k_2$	W/m <sup>2</sup> K <sup>2</sup>	0,012*
T stagnation	°C	161,6

\* data refers to the aperture area

CODE

3020008



Up to 6 collectors