

KAIROS THERMO CF-2



Indirect flat solar water heater

ADVANCED PERFORMANCE

- / Optimal stratification process to achieve higher performances and a faster heating
- / More hot water thanks new tubes position for 300-2 model

EVERLASTING QUALITY

- / Each component of solar water heater (collector, tank and installation kit) is 100% made to last
- / Solar Keymark certification
- / Total safety guaranteed by solar circuit safety valve and thermostat*, by collector tempered glass and by installation kit robustness
- / Every single component and the complete solar water heater are carefully and strictly tested on quality, efficiency and performances

ITALIAN STYLE

- / Easy installation thanks to "insert and click" connections between collector and hydraulic kit
- / New funnel for an easy filling of solar circuit
- / Wide range of mounting kits to fit each kind of installation
- / Designed & produced in Italy

NEW

*only for electro solar version

TECHNICAL DATA

KAIROS CF 2.0-2

Empty Weight	kg	27
Dimensions LxHxD	mm	1990x985x78
Max operating pressure	bar	6
Efficiency	%	72%
Collector fluid capacity instead of Sensor fluid capacity	l	1
Absorption	%	95
Emission	%	5
Gross area	m ²	1,96
Aperture area instead of input area	m ²	1,77
Absorber area	m ²	1,73
Absorber material		Aluminum
Absorber coating		Blue Selective
Absorber thickness	mm	0,4
η ₀		0,786
K1	W/(m ² K)	4,22
K2	W/(m ² K)	0,0084
Absorber tubing material		Copper
Stagnation temperature	°C	210

TECHNICAL FEATURES

CF 150-1 CF 200-1 CF 200-2 CF 300-2

Installation		Ground or flat/pitched roof			
External cover material		Steel with Zn external coating			
Inner tank material		Titanium enameled			
Diameter of external connections		¾" M			
Number of collectors		1	1	2	2
Max pressure for maintank	bar		8		
Insulation thickness	mm		40		
Max working temperature for main tank	°C		105		
Back-up heating element (2 kW)		Optional (standard version) Included (electro solar version)			
Aperture area	m ²	1,77	1,77	3,54	3,54
Absorber area	m ²	1,73	1,73	3,46	3,46
Capacity of storage tank for domestic hot water	l	153	202	202	270
Fluid capacity	l	1	1	1	1
Cylinder empty weight	kg	50	60	60	85
Dimensions (LxDxH)	mm	See drawing			
Cylinder empty weight	kg	50	60	60	85

KAIROS CF

CF 150-1 CF 200-1 CF 200-2 CF 300-2

Standard version	TR (ground)	3022280	3022281	3022282	3022283
	TT (roof)	3022288	3022289	3022290	3022291
Electrical version	TR (ground)	3022272	3022273	3022274	3022275

Italian Style

Easy installation:

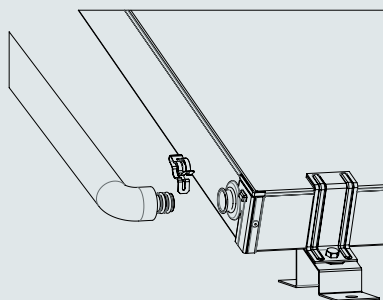
- / Hydraulic Kit and collector are connected in two simple steps:
Insert the hydraulic pipe in the manifold thanks to double O-ring Fix them with a metal clip
- / No tools are required, thus reducing the installation time by 25%*

One mounting kit for each installation:

- / Ground/flatroof
- / Pitchedroof

Italian care for details:

- / Designed and produced in Italy
- / Care for details in shape and materials
- / Thermo CF-2 can be integrated beautifully into every type of building or house



*Based on internal measurement



ITALIAN DESIGN



SOLAR KEYMARK



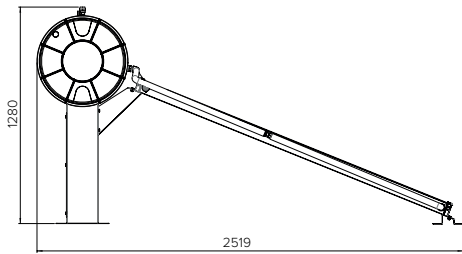
TITAN SHIELD



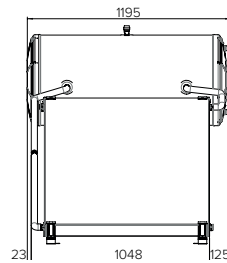
HAIL PROOF



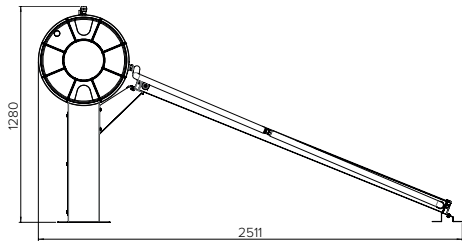
TECHNICAL DRAWING



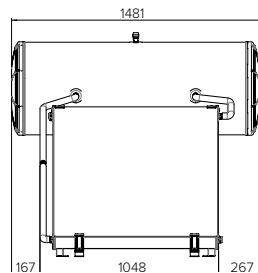
150-1



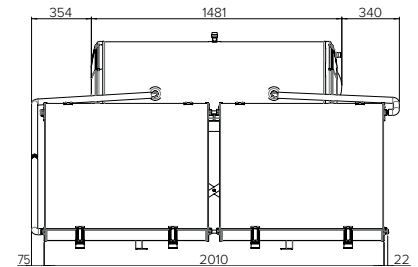
150-1



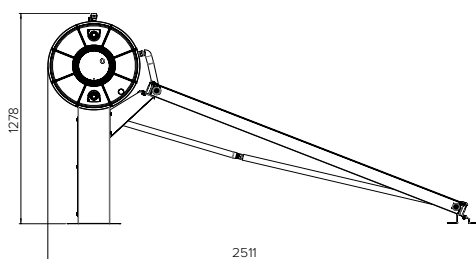
200-2



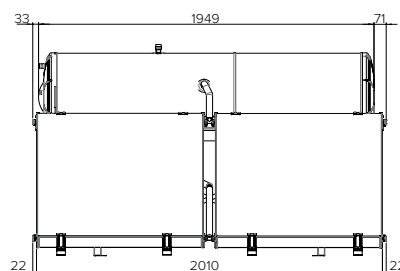
200-1



200-2



300-2



300-2