



# ARISTON

The home of sustainable comfort



Kairos Thermos CF-3

**SOLAR WATER  
HEATER**  
catalogue

# Our solar water heating technology

## More hot water ready to use.

Compared to Ariston's previous generation models\*, the Kairos range offers up to 3x performance of the heat exchanger for much faster heating time. The 360° jacket design grants an increase in the amount of the exchanged heat, delivering comfort even more effectively.

\*CF-2 and HF

# Optimized tank stratification

## Hot water constantly at the most comfortable temperature.

The optimal thickness of the tank insulation and the high-quality of polyurethane allow Kairos products to maintain hot water all night long and guarantee hot showers in the morning. The optimised water stratification reduces the mixing of cold and hot water in the tank and the new position of hot water outlet on the top of the tank ensures stable water temperature during the withdrawal.





## **Different solar collectors Designed for warm and sunny weathers.**

The perfect combination of solar tank capacities and different solar collectors (black and blue absorber) is specifically designed and tested for countries with the highest annual global irradiation values. This allows stable performance over time.

## **High quality materials Top performance for longer.**

Zinc coat for the outer casing of the tank, titanium enameled inner tank, high-quality heating element, anti -UV plastic elements, super safe and resistant glass. zinc-magnesium coat for the back metal sheet of the solar panel and installation kits.



**SOLAR  
KEYMARK**



**HAIL PROOF AND  
ANTI-REFLECTIVE**

# Fast and easy installation

## No tools required.

Consistent with the mission of Ariston to provide comfort starting from the design of our products, you can connect the hydraulic kit to the collector **with a few simple moves**: Insert the hydraulic pipe in the manifold and fix them with a metal clip. No tools are required, thus **reducing the installation time by 25%\***.

Available on HF-2 and CF3



## Different mounting frames

## One mounting kit

## for each installation.

Pitched roof, flat roof, IBR roof or ground. Thanks to the wide range of mounting kits, Installing the Kairos Thermo DR-2 **on all types of roofs or surfaces is very easy.**

# Kairos Thermo CF-3



ENERGY EFFICIENT



ITALIAN DESIGN



HAIL PROOF



SOLAR KEYMARK

## Natural circulation solar system for production of domestic hot water

- / New heat exchanger with 3x\* performance
- / Selective surface treatment grant 95% absorption and only 5% reflection
- / Robust structure in ZN-MC coated Galvanized steel
- / Fast, easy and risk-free installation with "instert and click" connection

### Features

- / Refined design
- / Solar keymark certification on entire system
- / Safety valve
- / Made in Italy
- / Copper pipes - Ready to mount

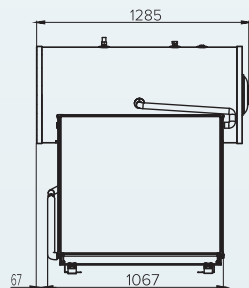
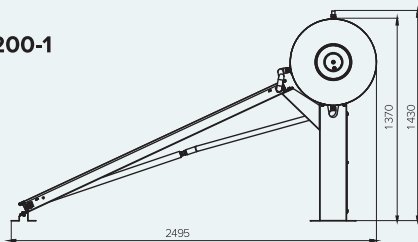


### TECHNICAL DATA

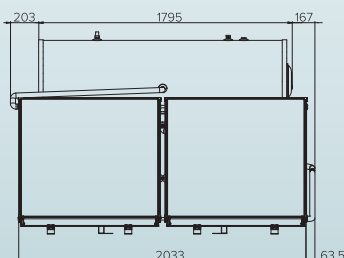
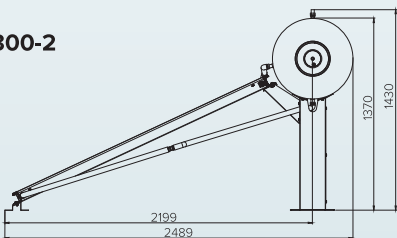
#### CF-3 200-1

#### CF-3 300-2

#### 200-1



#### 300-2



#### Solar system

Installation		Ground or flat roof		Ground or flat roof
Number of collectors		1		2
Total gross area	m <sup>2</sup>	2.01		4.02
Total absorber area	m <sup>2</sup>	1.83		3.66
Empty mass	kg	115		193
Solar circuit capacity	lt	11		22
Solar safety valve calibration	bar	2.5		2.5
Absorbtion		95%		95%
Collector glass		Mat tempered glass, low iron, 3.2mm thick		Mat tempered glass, low iron, 3.2mm thick
Absorber material		Full face, aluminum sheet with selective coating		Full face, aluminum sheet with selective coating
Absorber tubing material	kg	Copper		Copper
Max load tested		5400		5400
Electric Back-up Capacity	kW	2		2
<b>Storage tank</b>				
Nominal Tank capacity	lt	200		300
Insulation thickness	mm	50		50
Outer Material tank	mm	Prepainted steel		Prepainted steel

#### CODE

3022514

3022340

### LIST OF COMPONENTS

Description	code	KAIRO CF 2.0-1 code 3020072	SOLAR ENAMELED TANK 2 KW 200 L PREP. ST. code 3207055	SOLAR ENAMELED TANK 2 KW 300 L PREP. ST. code 3207054	HYDRA + INST KIT THERMO CF-3 200-1 TR code 3024390	HYD+INST KIT THERMO CF-3 200-2/300-2 TR code 3024391	DOCUMENT PACKAGE THERMO CF-3 code 3024392
KAIRO THERMO CF-3_E 200-1 TR	3022514	1	1		1		1
KAIRO THERMO CF-3_E 300-2 TR	3022340	2		1		1	1

\*heat exchanger capacity in liters compared to old CF2. 9lt (CF-3) vs 3lt (CF2) on 200lt version.