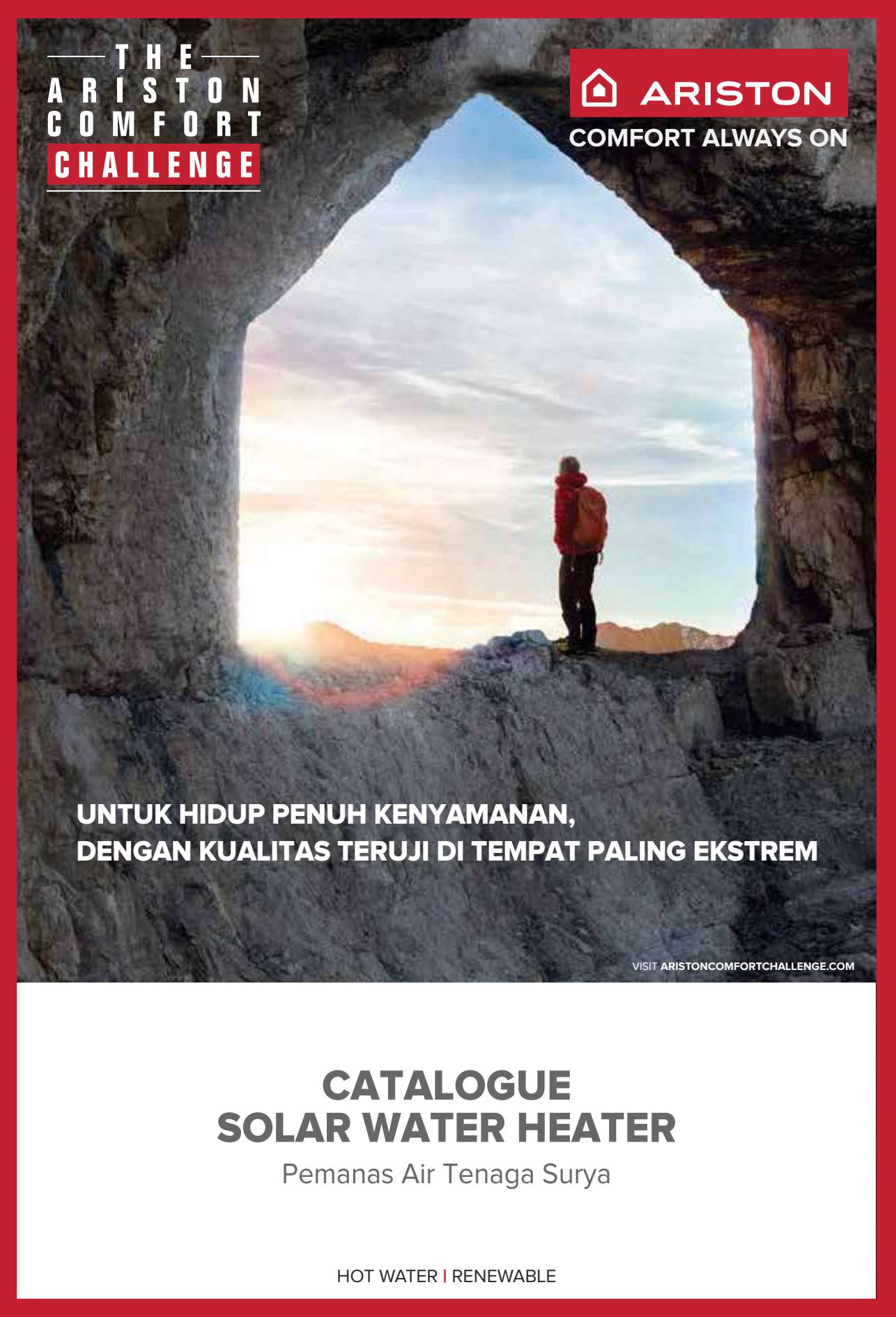


THE
ARISTON
COMFORT
CHALLENGE



UNTUK HIDUP PENUH KENYAMANAN,
DENGAN KUALITAS TERUJI DI TEMPAT PALING EKSTREM

VISIT ARISTONCOMFORTCHALLENGE.COM

CATALOGUE SOLAR WATER HEATER

Pemanas Air Tenaga Surya

HOT WATER | RENEWABLE

KAIROS THERMO DR-2

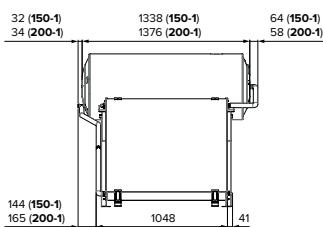
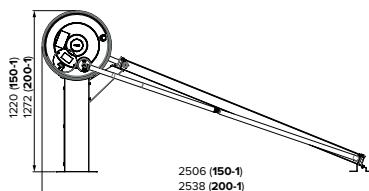


- / Kairos Thermo DR - Direct memiliki keuntungan dalam hal pemanasan yang lebih cepat, berkat desain rangkaian hidrolik terbaru.
- / Permukaan kaca prismatic terbaru yang memaksimalkan penyerapan energi matahari.
- / Tangki berbahan besi dengan lapisan eksklusif titanium enamel, magnesium anoda dan rangkaian hidrolik tembaga menjamin ketahanan dan umur pakai yang panjang.
- / Bisa dipasang pada atap miring dan atap datar
- / Kolektor solar tahan terhadap hujan es
- / **Struktur tangki Thermo DR-2** terbaru mampu mengurangi pencampuran air panas dan dingin di dalam tangki. Selain itu, ini didorong oleh posisi baru dari outlet air panas (di atas tangki) yang memberikan suhu air yang stabil selama penggunaan.
- / Berkat **peningkatan insulasi tangki** (+ 20% vs model lama) dan kualitas poliuretan yang optimal, pemanas air tenaga surya mampu mempertahankan air panas sepanjang malam

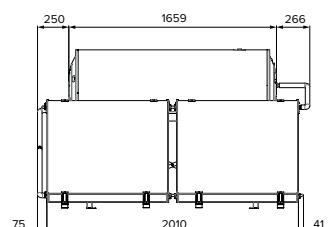
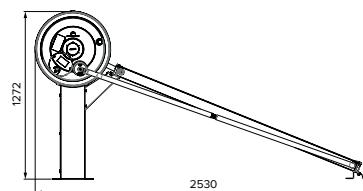
DATA TEKNIK

	DR-100	DR-150	DR-200	DR-250	DR-300
Model Pemasangan	DR-100 L Atap datar / atap miring	DR-150 L Atap datar / atap miring	DR-200 L Atap datar / atap miring	DR-250 L Atap datar / atap miring	CF-300 L Atap datar / atap miring
Luasan permukaan kolektor	m ²	1,92	1,92	1,92	1,96
Luasan penyerapan kolektor	m ²	1,73	1,73	1,73	1,77
Efisiensi penyerapan	%	95	95	95	95
Diameters sambungan inlet & outlet	inch	3/4" F	3/4" F	3/4" F	3/4" F
Temperatur kerja maksimal pada tangki	°C	105	105	105	105
Berat kolektor kosong	Kg	30,6	30,6	30,6	27
Berat tangki kosong	Kg	34	44	51	85

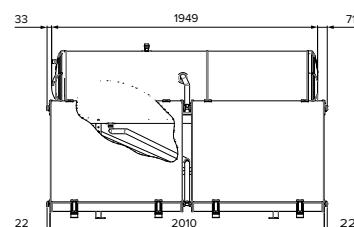
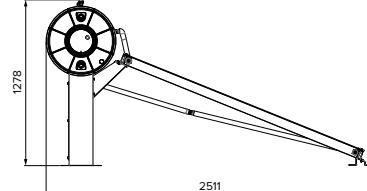
150-1 & 200-1



250-2



CF 300-2



KAIROS THERMO HF



- / Kairos Thermo HF mempunyai *heat exchanger* terbaru yang optimal yang memungkinkan **produksi air panas dengan cepat**
- / Lembaran permukaan yang berwarna biru memberikan **kinerja yang sangat tinggi** dengan 95% tingkat penyerapan energi dan hanya 5% tingkat refleksi / pantulan energi yang terbuang dan tidak terserap.
- / **Peningkatan permukaan kolektor** memberikan kemungkinan untuk menghasilkan air panas lebih banyak.
- / Teknologi pengelasan dengan laser menjamin permukaan absorber / penyerapan sangat halus, **memaksimalkan pemanfaatan energi matahari**.
- / Insulasi polyurethane yang bebas CFC & HCFC, dan insulasi kolektor yang lebih rendah di glass wool memastikan **perlindungan yang maksimal terhadap kerugian panas**;
- / Desain kolektor solar indirect menjamin umur pakai kolektor lebih lama.
- / Bisa dipasang pada **atap miring** dan **atap datar**
- / Pemasangan **mudah & hemat waktu**

DATA TEKNIS

HF 150/1 TR HF200/1 TR HF300/2 TR HF 150/1 TT HF200/1 TT HF300/2 TT

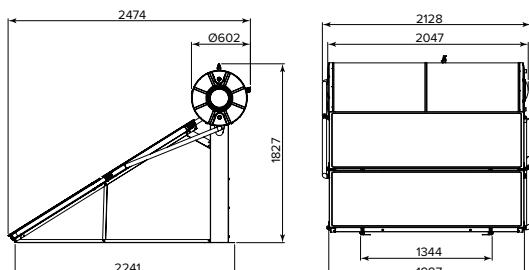
PANEL SOLAR KOLEKTOR

Pemasangan	Atap datar	Atap datar	Atap datar	Atap miring	Atap miring	Atap miring
Luasan permukaan kolektor	2,2	2,2	4,4	2,2	2,2	4,4
Luasan penyerapan kolektor	2,01	2,01	4,02	2,01	2,01	4,02
Berat kosong	135	153	231	133	151	218
Kapasitas sirkuit solar	6	6	11	6	6	11

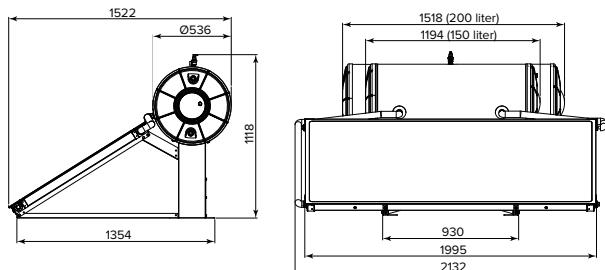
MODUL TANGKI

Kapasitas tangki air panas	153	202	270	153	202	270
Tekanan maksimal pada sirkuit	8	8	8	8	8	8
Kalibrasi katup pengaman	1,5	1,5	1,5	1,5	1,5	1,5
Kerugian panas	2,39	2,67	2,81	2,39	2,67	2,81

Gambar ini mengacu untuk model 300/2



Gambar ini mengacu untuk model 150/1 dan 200/1



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 tanks 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

*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 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	3/4" M
Number of collectors	2
Max pressure for maintank	8
Insulation thickness	40
Max working temperature for main tank	105
Back-up heating element (2 kW)	Optional (standard version) Included (electro solar version)
Aperture area	3,54
Absorber area	3,46
Capacity of storage tank for domestic hot water	270
Fluid capacity	1
Cylinder empty weight	85
Dimensions (LxDxH)	See drawing

Italian Style

Easy installation:

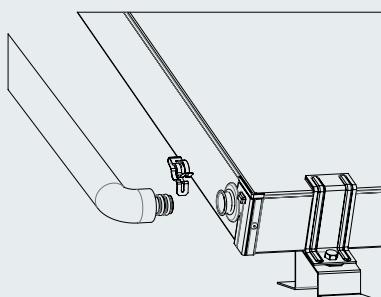
- / Hydraulic Kit and collector are connected in two simple steps:
Insert the hydraulic pipe in the manifold thanks to double O-ring Fix them with a metal clip
- / No tools are required, thus reducing the installation time by 25%*

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*



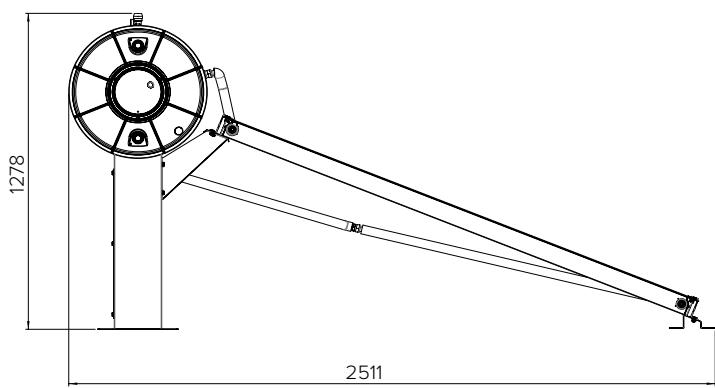
TITAN SHIELD



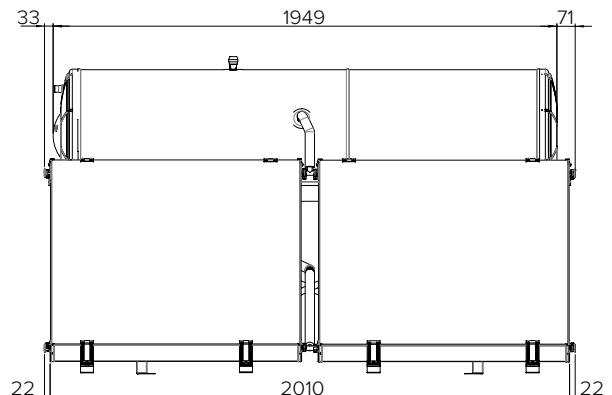
HAIL PROOF



TECHNICAL DRAWING



300-2



300-2

* Solar keymark on collector