

# KAIROS THERMO GR-2



ENERGY EFFICIENT



ITALIAN DESIGN



HAIL PROOF



SOLAR KEYMARK



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

/ Selective surface treatment grant 95% absorption and only 5% reflection

### Features

- / Solar keymark certification on entire system
- / Safety valve
- / Available in single or double collector configuration

TECHNICAL DATA		GR2 150-1	GR2 200-1	GR2 300-2				
<b>150-1</b> 	<b>Solar collectors</b>							
	Installation	Ground or flat roof	Ground or flat roof	Ground or flat roof				
	Number of collectors	1	1	2				
	Total gross area	m2 2.04	2.04	4.08				
	Total absorber area	m2 1.94	1.94	3.88				
	Empty mass	kg 113	123	196				
	Solar circuit capacity	lt 10	11	23				
	Absorption	95%	95%	95%				
	Absorber glass	Clear tempered glass	Clear tempered glass	Clear tempered glass				
	Absorber material	Full face, aluminum sheet with selective coating	Full face, aluminum sheet with selective coating	Full face, aluminum sheet with selective coating				
Absorber Thickness	mm 3.2	3.2	3.2					
Absorber tubing	Copper	Copper	Copper					
Max load tested	kg 2400	2400	2400					
Circuit max pressure	bar 3	3	3					
Safety valve calibration	bar 2.5	2.5	2.5					
<b>200-1</b> 	<b>Storage tank</b>							
	Nominal Tank capacity	lt 150	200	300				
	Circuit max pressure	bar 10	10	10				
	Safety valve calibration	bar 10	10	10				
	Insulation thickness	mm 50	50	50				
	Outer Material tank	Prepainted steel	Prepainted steel	Prepainted steel				
	<b>CODE</b>	3022483	3022484	3022485				
	<b>LIST OF COMPONENTS</b>							
	<b>Description</b>	<b>code</b>	KAIROS COLLECTOR GR2 2M code 3020081	SOLAR ENAMELED TANK GR2 2M 150 2KW PS ARI code 3207122	SOLAR ENAMELED TANK GR2 2M 200 2KW PS ARI code 3207123	SOLAR ENAMELED TANK GR2 2M 300 2KW PS ARI code 3207124	HYDRA + INST KIT GR2 2M 1 COLL NG TR code 3024523	HYDRA + INST KIT GR2 2M 2 COLL NG TR code 3024524
	KAIROS THERMO GR2 2KW 150-1 2M TR	3022483	1	1			1	
KAIROS THERMO GR2 2KW 200-1 2M TR	3022484	1		1		1		
KAIROS THERMO GR2 2KW 300-2 2M TR	3022485	2			1		1	