KAIROS THERMO GR-2

ENERGY EFFICIENT | ITALIAN DESIGN | HAIL PROOF | SOLAR KEYMARK



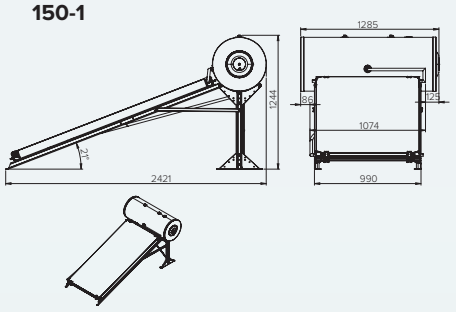
Natural circulation solar system for production of domestic hot water

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

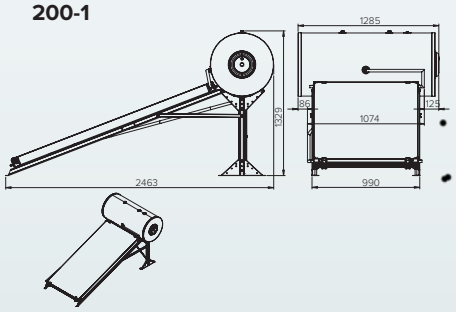
Features

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

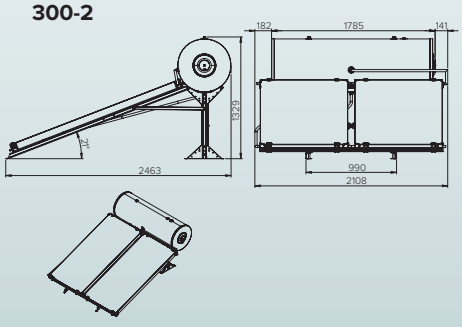
150-1



200-1



300-2



TECHNICAL DATA		GR2 150-1	GR2 200-1	GR2 300-2
Solar collectors				
Installation		Ground or flat roof	Ground or flat roof	Ground or flat roof
Numer 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
Absorbtion		95%	95%	95%
Absorber glass		Clear tempered glass	Clear tempered glass	Clear tempered glass
Absorber material		Full face, aluminum sheet	Full face, aluminum sheet	Full face, aluminum sheet
Absorber Tickness		with selective coating	with selective coating	with selective coating
	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
Storage tank				
Nominal Tank capacity	lt	150	200	300
Circuit max pressure	bar	10	10	10
Safety valve calibration	bar	10	10	10
Insulation tickness	mm	50	50	50
Outer Material tank		Prepainted steel	Prepainted steel	Prepainted steel
CODE		3022483	3022484	3022485

LIST OF COMPONENTS

Description	code	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