



Selective Aluminum Collector



PIONEERING EXPORTS THROUGHOUT THE WORLD



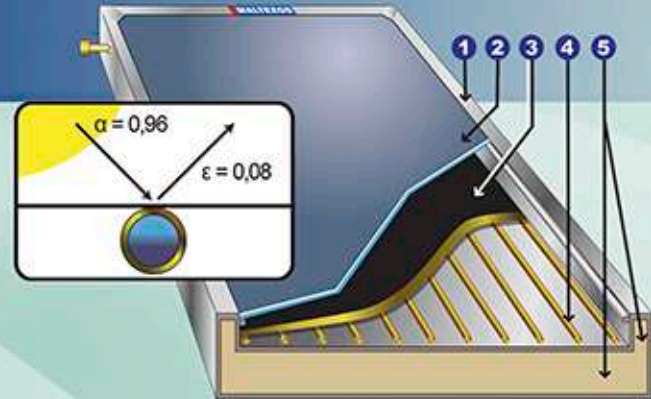
MALTEZOS CERTIFIED QUALITY WITH INTERNATIONAL MARKS



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PRODUCT HIGHLIGHTS

- HIGHLY SELECTIVE COATING
- TEMPERED SOLAR GLASS 4mm
- ALUMINUM ABSORBER WITH COPPER FLUID TUBES
- ALUMINUM SELECTIVE FINNINGS OF 0.5mm THICKNESS
- LIGHTWEIGHT CONSTRUCTION FOR EASY TRANSPORT
- DURABLE CORROSION RESISTANT ALUMINUM FRAME
- ROCKWOOL INSULATION
- X4 COPPER OUTLETS



- Anodized extruded aluminum case | 1
- Tempered glass | 2
- Selective Aluminum strip absorber welded with lazer technology | 3
- Copper tubes harp | 4
- Rockwool sides and glasswool back insulation | 5

SOLUTIONS FOR EVERY TYPE OF ROOF & MAJORITY OF DIFFERENT APPLICATIONS

- In roof mounting ● Sanitary hot water applications
- On roof mounting ● Swimming pool applications
- On the ground ● Central heating for buildings



What is a forced circulation system

Forced circulation systems constitute an exceptional solution for residences or commercial buildings that have extensive requirements for hot water

In a typical forced circulation system collectors are placed on the roof building while the storage tank is inside

MALTEZOS SA provides all necessary components and accessories needed for the installation and operation of a forced system

This includes vertical tanks, collectors with support frames, pumps, control units, and all relative accessories

Collector	SAC 130x150	SAC 100X200	SAC 130X200
Collector type	Flat plate	Flat plate	Flat plate
Dimensions H x L x W (cm)	129,4 x 149,4 x 9	99,5 x 199,5 x 9	128,5 x 199,5 x 9
Total area m ²	1,93 m ²	1,98 m ²	2,56 m ²
Welding	laser welding	laser welding	laser welding
Absorber	selective aluminium fin (MIROTHERM)	selective aluminium fin (MIROTHERM)	selective aluminium fin (MIROTHERM)
Nr of copper riser tubes	12	9	12
Cover material	Clear tempered glass 4mm (Glasswool 50mm back/Rockwool 20mm sides)	Clear tempered glass 4mm (Glasswool 50mm back/Rockwool 20mm sides)	Clear tempered glass 4mm (Glasswool 50mm back/Rockwool 20mm sides)
Insulation	anodized Aluminium, thickness:1,5mm	anodized Aluminium, thickness:1,5mm	anodized Aluminium, thickness:1,5mm
Casing material	Seam sealant silicon glue & EPDM	Seam sealant silicon glue & EPDM	Seam sealant silicon glue & EPDM
Sealant	32 kg	32,5 kg	45 kg
Weight without fluid	1,5 bar	1,5 bar	1,5 bar
Working pressure	15 bar	15 bar	15 bar
Test pressure	1309,2 W	1256,1 W	1755 W
Maximum power	EN 12975, Solarkeymark	EN 12975, Solarkeymark	EN 12975, Solarkeymark
Certification			

MALTEZOS SA reserves the right to change specifications without prior notice

