



SUN STONE SOLAR
SOLAR WATER HEATER

		Ag.: Asrep International	
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Name of products	Copper aluminum--- flate solar collector (anode oxidation)	Copper aluminum---- flate solar collector (Germanyblue film)	copper___ flate solar collector (Germanyblue film)
Model	FPC- II -2.0C/TL	FPC- II -2.0A/TL	FPC- II -2.0B/T
Dimension mm	2000*1060*80	2000*1060*80	2000*1060*80
Cross Area m2	2	2	2
Absorber Area m2	1,8	1,8	1,8
Optical Efficiency η %	72,8	74,9	77,3
Loss Coefficient a1 w/m2K	4,33	3,83	4,21
Loss Coefficient a2 w/m2k2	0,02	0,02	0,02
Capacity L	1,6	1,6	1,6
Joint Dimension mm	22	22	22
Maximum Working Pressure Mpa	1	1	1
Working Temperature °C	-40 ~ 150	-40 ~ 150	-40 ~ 150
Weight KG	32	32	32
Header pipe Material	Red copper	Red copper	Red copper
Header pipe Dimension (mm)	Φ22*0.6	Φ22*0.6	Φ22*0.6
Riser pipe Material	Red copper	Red copper	Red copper
Riser pipe Dimension(mm)	Φ8*0.5	Φ8*0.5	Φ8*0.5
Absorber Material	Aluminum	Aluminum	Red copper
Absorber Dimension (mm)	1940*940*0.3	1940*940*0.3	1940*940*0.12
Surface treatment	Germany blue titanium highly selective titanium-coating	Germany blue titanium highly selective titanium-coating	Germany blue titanium highly selective titanium-coating
Absorptance	0,95	0,95	0,95
Emittance	0,2	0,1	0,1
Glass Cover Material and Thickness	glass (3.2mm)	glass (3.2mm)	glass (3.2mm)
Frame Material and Color	aluminum (cham pagne)	aluminum (champagne)	aluminum (champagne)
Thermal Insulating Material and Thickness	(40mm) Glass wool	Glass cotton or polyurethane high pressure molding foam insulation once (40mm) Glass wool	Glass cotton or polyurethane high pressure molding foam insulation once (40mm) Glass wool
Back Panel Material and Thickness	Level 1 galvanized sheet or obscure aluminum backs,δ=0.35mm First class galvanized plate	Level 1 galvanized sheet or obscure aluminum backs,δ=0.35mm First class galvanized plate	Level 1 galvanized sheet or obscure aluminum backs,. δ=0.35mm First class galvanized plate
Sealing Material	Special flexible metal sealing, whose reliability and use life are higher than rubber sealing.	Special flexible metal sealing, whose reliability and use life are higher than rubber sealing.	Special flexible metal sealing, whose reliability and use life are higher than rubber sealing.
Price €			

Picture of products



- 1) Above prices are based on European port
- 2) Payment term: T/T
- 3) Minimum order: 10 sets;
- 4) Packing: in export carton;