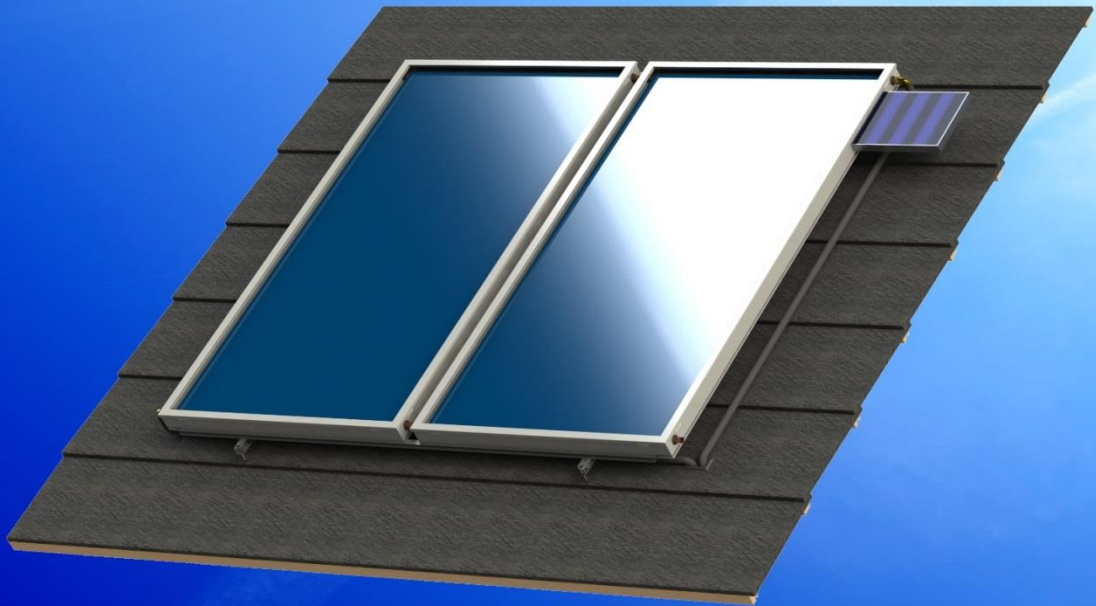
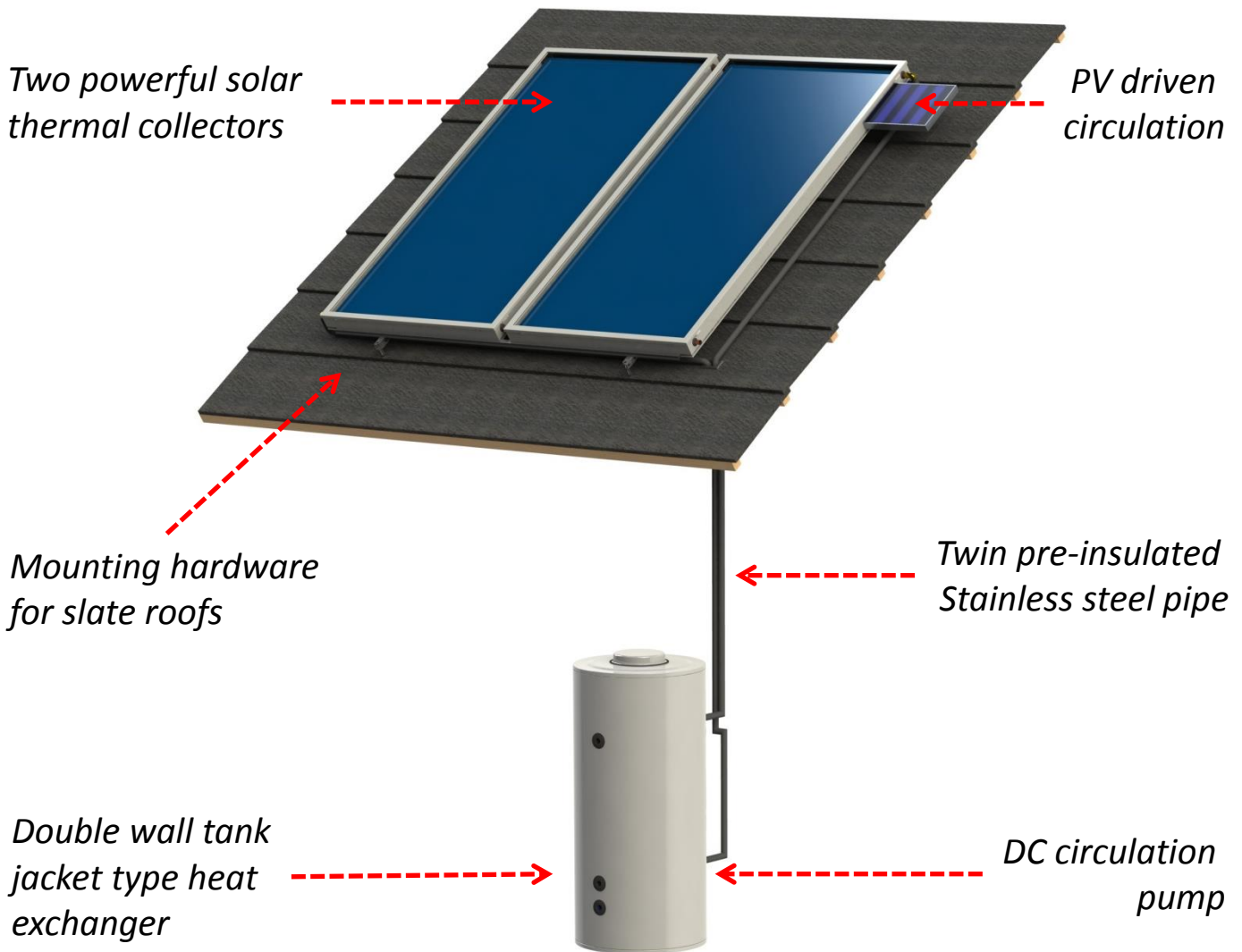


Efficiency meets the simplicity!!!



Solar Water Heaters

System Configuration



Advantages...

- ✓ High efficient collectors
- ✓ Special design jacket, heat exchanger
- ✓ PV driven pump – zero energy consumption
- ✓ Clariant thermal fluid – absolute antifreeze protection
- ✓ Complete mounting hardware. Fittings, valves, glycol included
- ✓ All in a single kit – Simple and fast installation
- ✓ SRCC OG-300 certified system

Solar Collector

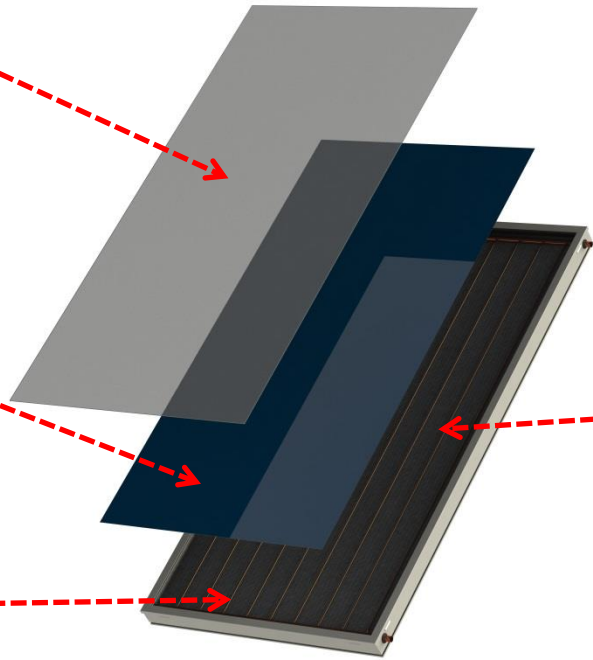
High efficiency solar glass 91,8%

High selective coating 95%

Copper pipes, laser welded to surface

Extruded aluminum frame powder coated in RAL7038

High thickness insulation



Solar Tank

Magnesium anode for protection against corrosion

Enamel protection cooked at 860°C

PU foam insulation for minimum heat losses

External folder in AlZn painted RAL9006. For outdoor installation also.

Jacket type heat exchanger

Internal pipes offer the option of vertical or horizontal installation



Technical specifications

Collector	ARIS2004
Dimensions (ft)	3,41X6,70X0,29
Gross area (ft ²)	22.82
Aperture area (ft ²)	20.66
Absorber area (ft ²)	20.56
Weight (lbs)	92
Frame	Extruded aluminum 1,35mm thickness
Back plate	Al-Zn sheet 0,5mm thickness
Absorber	Al high selective ALANOD Mirotherm – 0,5mm thickness
Absorption (%)	95
Emission (%)	5
Manifolds (∅ mm)	22
Risers (∅ mm – Nr)	∅8 – 9pcs
Connections	Blank (compression joint)
Transparent cover	3,2mm solar glass 91,8% transmittance
Insulation	Mineral wool 40mm thickness – 40 kg/m ³ density

Solar tank	SV200
Tank net volume (l)	52,30
Tank weight (lbs)	187
Max. pressure primary circuit (psi)	43
Max. pressure secondary circuit (psi)	87
Anti-corrosion protection	magnesium anode – enamel
Primary circuit volume (gal)	3.17
Connections	¾"
Tank insulation – R value	Injected PU foam 50mm – (λ=22,5 mW/mK), (R-2,2 m ² K/W)
Heat exchanger type	Double wall with no leak protection



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