

General Specifications

Manufacturer

Camel Solar ltd Velijko Vlahovic 18 (mezanin) 1000 Skopje Rublic of Macedonia

Type of Collector Façade Module

Year of Production 2012

Dimensions of Collector

Gross Area 1.9 m²

Aperture Area 1.8 m²

Absorber Area 1.8 m²

Technical Figures

Collector Type Façade Module

Length 1960 mm (Determined by Test Lab)

Width 960 mm (Determined by Test Lab)

Height 29 mm (Determined by Test Lab)

Material Glass / Aluminium

Weight -

Sealing Material Silicon

Collector Mounting Façade / On Roof

Absorber

Material Aluminium Sheet and Copper Piping

Absorption 0.95

Emittance 0.05

Heat Transfer Fluid 0.8 Litres

Number of Absorber Tubes 9

Number of Connections 4/2

Glass

Material Tempered Low Iron Glass

Transmittance 0.92/0.96

Thermal insulation

Material Rock Wool

Thermal Conductivity 0.045w/(mK)

Thickness 50 mm

Limits

Stagnation Temperature 195 °c

Max. Operating Pressure 10 bar

Heat Transfer Fluid Glycol / Water Mixture