

- ◆ Excellent quality
- ◆ Special design for Architectural Integration
- ◆ Energy saving and efficiency
- ◆ Simple to install
- ◆ The longest guarantee on the market



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COLLECTOR ISOTHERM PLUS



TUBES

TYPE	Harper grid
MANIFOLD TUBES	Copper 22 x 1 mm (UNE-EN 1057, UNE-EN 12165)
RISER TUBES	Copper 8 x 0.5 mm (UNE-EN 1057, UNE-EN 12165)
NUMBER OF RISER TUBES	10
DISTANCE BETWEEN RISER TUBES	100 mm
WELDING	Capilarity welding using copper, phosphorus and silver

SELECTIVE COATING

MATERIAL	Copper with selective coating using titanium oxide
DIMENSIONS	2205 x 1000 x 0.2 mm
ABSORPTANCE	0.95 +/- 2 %
EMITTANCE	0.05 +/- 2 %

ABSORBER

PLATE-TUBE JOINT	Ultrasonic welding
USEFUL ABSORBER AREA	2.205 m ²
CAPACITY	1.5 l
MAX. OPERATING PRESSURE	8 Kg / cm ²
TEST PRESSURE	16 Kg / cm ²
OPERATION WEIGHT	9.1 Kg
EMPTY WEIGHT	7.6 Kg



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REMARKS:

Recommended option: connection kit composed of interconnection fittings, plugs and connection M3/4 for inlet/outlet.

All specifications are subject to change without prior notice.

SOLAR GLASS

TYPE	Solar tempered patterned
THICKNESS	3.17 mm
IRON OXIDE CONTENT	<0.05 %
DIMENSIONS	2225 x 1021 mm
TRANSMITTANCE	91 %
SEALING	EPDM

INSULATION

MATERIAL	Solar mineral wool
SIDE AND BACK THICKNESS	25 mm and 55 mm
CONDUCTIVITY	0.036 W / mK
BEHAVIOUR WITH WATER	Not absorbent (standard BS-2972)

CASING

MATERIAL	Anodized Aluminium
DIMENSIONS	2278 x 1075 x 110 mm
GROSS AREA	2.4 m ²

WEIGHT

OPERATION WEIGHT	44.5 Kg
EMPTY WEIGHT	43 Kg

OTHERS

COLLECTOR EFFICIENCY EN 12975	η_f : 0.78; k_1 : 3.243 W/m ² K; k_2 : 0.012 W/m ² K ²
APERTURE AREA	2.21 m ²
NOMINAL THERMAL POWER	1.54 kW
GUARANTEE	10 years
PACKAGING, No. COLLECTOR / PALLET	15 pcs.

