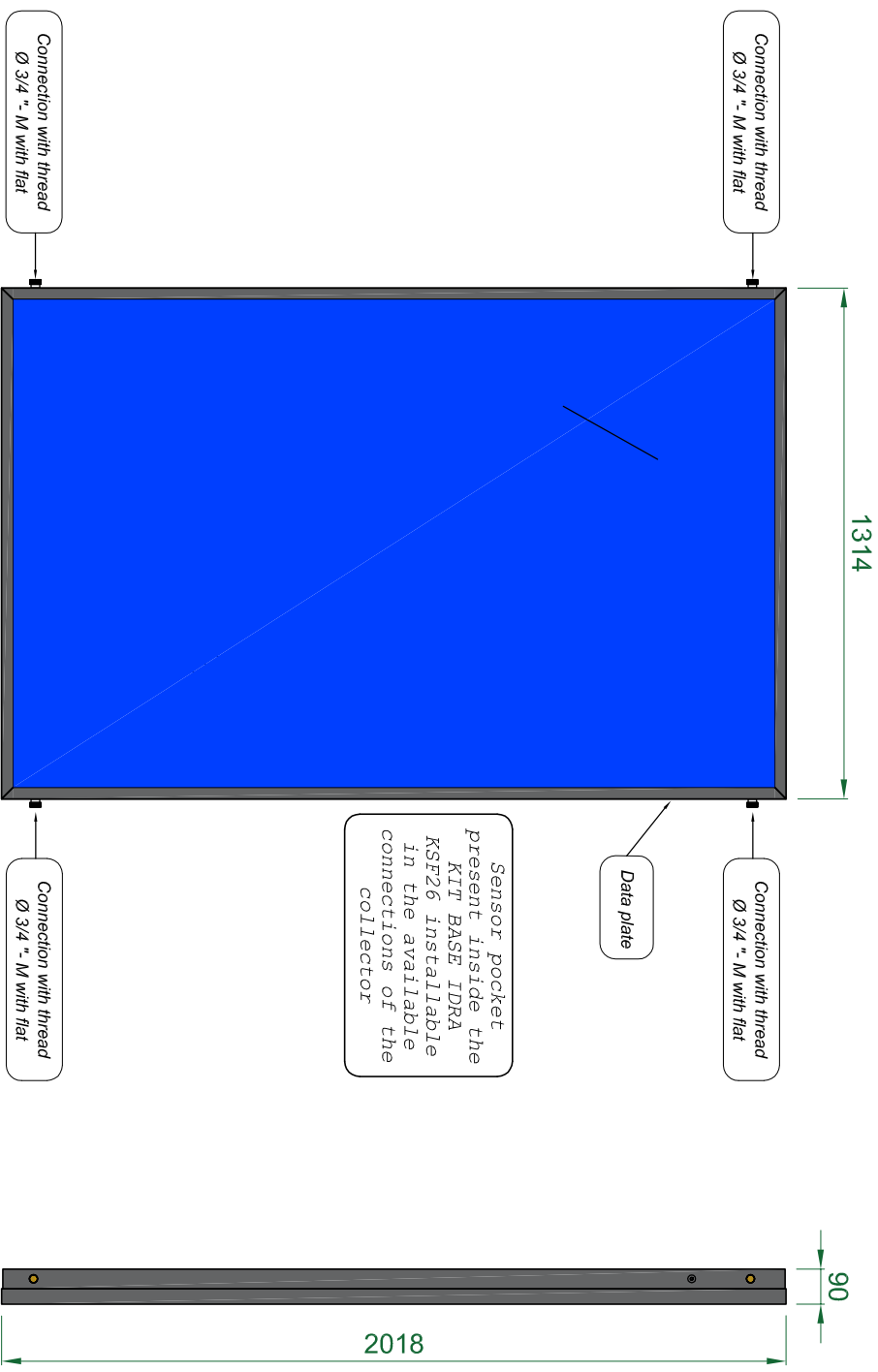




TECHNICAL DATA SHEET

Flat solar collector Pleion KSF26, consists of a large absorbent surface capable of capturing and transforming into heat, solar radiation. The frame is made of welded steel profiles, thick aluminum that confer increased stability to the structure, strength and protection to the deterioration, RAL7022 color. Aluminum absorber, welded to the copper circuit with laser technology. Internal circuit in a single harp copper equipped with horizontal discharge and return distributors with harp equipped with 13 vertical channels. Coverage of high-strength tempered glass, class U1 certified according to EN 12975-2.

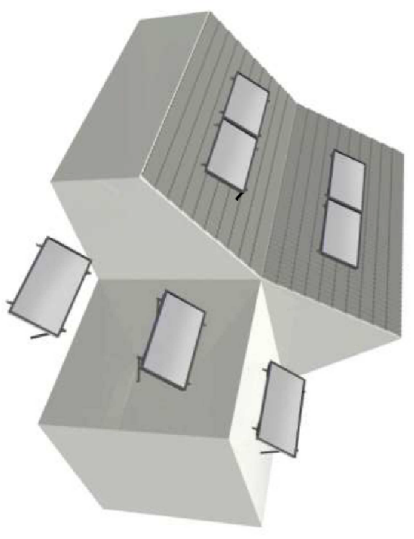
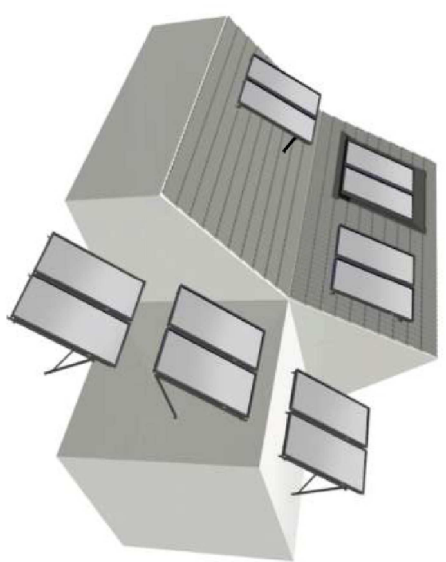
Internal insulation in rock wool to ensure the insulation properties over time. Installation on a pitched roof, recessed, flat and vertical with triangular structure and mezzanine system for roofs with low slope. Connectable standard in series up to 8 collectors. On request we study specific solutions.

Hydraulic connections 4 3/4 "M, it is necessary for connecting the Set base Hydra KSF26 (for single installation or the first collector, consisting of cap, immersion probe and seals) and Set Plus Hydra KSF26 (for series of two manifolds, consisting of 2 expansion joints with gaskets)

MEASUREMENTS (length x width x height)		[mm]	2018x1314x80
GROSS SURFACE AREA	[m²]	2,85	
APERTURE AREA	[m²]	2,36	
WEIGHT WHEN EMPTY	[kg]	42,5	
FLUID CONTENT	[l]	1,25	
MAX TEST PRESSURE	[bar]	10	
INSULATION ROCK WOOL	[mm]	40	
TRANSMITTANCE COEFFICIENT a1	[W/m²K]	3,334	
TRANSMITTANCE COEFFICIENT a2	[W/m²K]	0,020	
OUTPUT q0	[J]	80,8	
ABSORPTION COEFFICIENT	[%]	95	
EMISSION COEFFICIENT	[%]	<5	
COEFFICIENT TRANSFER OF THE GLASS	[%]	91,6	
CONNECTIONS	[Ø]	22	
THICK GLASS	[mm]	3,2	
STAGNATION TEMPERATURE	[°C]	204,9	
TILT MINIMUM	[°]	15	
TILT MAXIMUM	[°]	75	
PEAK (MAX) POWER	[W]	1907	
RECOMMENDED CAPACITY	[kWh]	0,95	

INSTALLATION IN VERTICAL

INSTALLATION IN HORIZONTAL



PLEION
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OGGETTO : FLAT SOLAR COLLECTOR KSF26		RIFERIMENTO :	
SCHEMA :		COMMITTENTE :	
Scheda tecnica		DISEGNATO :	
REVISIONE :		CONTROLLATO :	
21/02/2017		S.B.	
		S.B.	