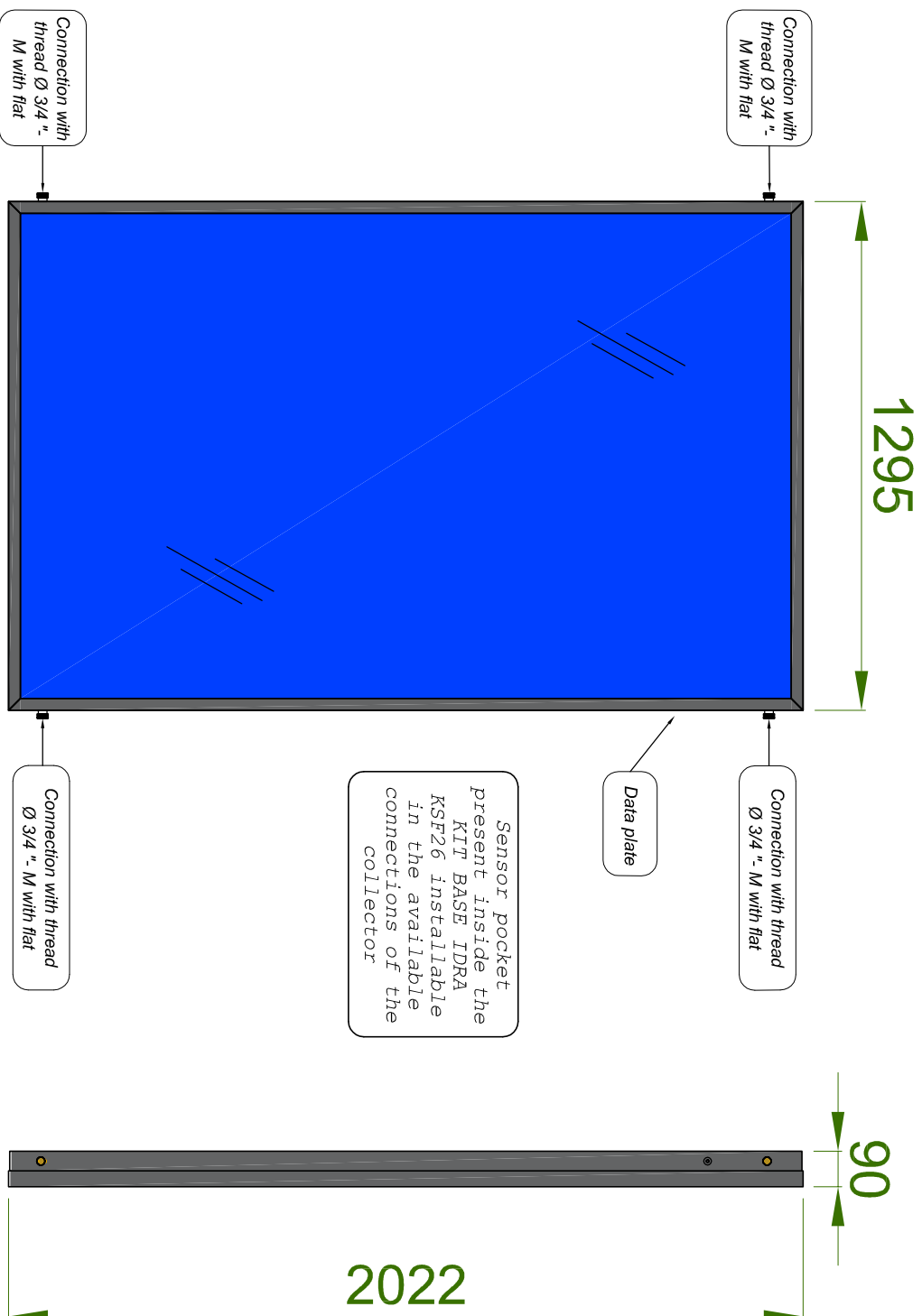




TECHICAL DATA SHEET KSF P26

Flat solar collector MODEL PLEION KSF P26, consisting of a large absorbing surface able to capture and transform solar radiation into heat, with innovative PRISMATIC glass that maximizes the amount of solar radiation absorbed. The frame is made of welded profiles, made of aluminum with increased thickness that give the structure stability, strength and protection against deterioration, RAL7022 color. Aluminum absorber, welded to the copper circuit with laser technology. Internal single-harp copper circuit equipped with horizontal delivery and return distributors with harp equipped with 13 vertical channels. Highly toughened tempered glass cover, class U1 certified according to EN 12975-2.

Internal insulation in rock wool to guarantee insulation properties over time. Installation on pitched, recessed, flat and vertical roof with triangular structure and raised system for pitches with poor slope. Connectable from standard in series up to 8 collectors. Special solutions are studied on request.

Hydraulic connections 4 connections 3/4" M, for the connection it is necessary the Hydra KSF P 26 basic set (for the single or first collector installation, composed of plug, immersion probe and gaskets) and Set Plus Idra KSF P 26 (for the two-manifold series, consisting of 2 expansion joints with gaskets)

MEASUREMENTS (length x width x height)	[mm]	2022x1295x90
GROSS SURFACE AREA	[m²]	2.62
APERTURE AREA	[m²]	2.47
WEIGHT WHEN EMPTY	[kg]	41.8
FLUID CONTENT	[l]	1.10
MAX TEST PRESSURE	[bar]	10
INSULATION ROCK WOOL	[mm]	40 Int./ 10 lat.
TRANSMITTANCE COEFFICIENT a1 (R/F. aperture area)	[W/m²K]	3.541
TRANSMITTANCE COEFFICIENT a2 (R/F. aperture area)	[W/m²K²]	0.015
OUTPUT η_0 (R/F. aperture area)	[-]	83.8
ABSORPTION COEFFICIENT	[%]	95
EMISSION COEFFICIENT	[%]	<5
COEFFICIENT TRANSFER OF THE GLASS	[%]	91.6
CONNECTIONS	[Ø]	22
THICK GLASS	[mm]	3.2
STAGNATION TEMPERATURE	[°C]	197
TILT MINIMUM	[°]	15
TILT MAXIMUM	[°]	75
PEAK (MAX) POWER	[W]	2070
RECOMMENDED CAPACITY	[K50°]	-
CERTIFICATO SOLAR KEYMARK		-
ENERGY VALUE WURZBURG SKW - Tm 50 ° C	[kWh]	1392



Passion and Innovation make the difference

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