



FEGEN RFK is a heat exchanger retrofit unit which has the ability **to convert any UL listed solar (PV) panel of the market into an efficient photovoltaic-thermal (PVT) panel**. The unique feature of Fegen RFK product is that this compatibility is OG-100 certified by ICC-SRCC in accordance with EN ISO 9806:2017, therefore, besides granting a safe integration and high capacity, is **fully eligible for incentives given in both US & EU market**.

Its construction allows the integration to any solar (PV) panel **without any operation changes** and in a **completely toolless** way. This conversion results in a **higher combined output** of the PVT panel and a **significant increase in the efficiency of the electrical operation** of the solar (PV) panel, especially during the summer time, as the heat exchanger operation cools it.

FEGEN heat exchanger **can be also operated as stand alone**, without being integrated in a solar (PV) panel, offering high thermal output.

TECHNICAL SPECIFICATIONS

Mechanical Specifications	
Material	Aluminum
Dimensions	1550 x 960 x 1.8 mm
Gross area	1.49 m ²
Weight (Empty Collector)	7 kgs
Thermal Connectors	4 * EPDM Rubber Stainless Steel Overbraid with threaded 3/8in female & snap 1/2in male
Operation Specifications	
Fluid content	~ 0.8 L
Volume of heat transfer fluid	~ 0.8 L
Nominal pressure	1.5 bar
Maximum operation pressure	3 bar
Maximum withstanding pressure	>6 bar
Stagnation temperature	94°C max
Minimum installation angle	5°
Thermal output in Retrofit mode	690W

