

CE Certification of SolarCool equipment

Date: 2nd December 2016

All air conditioning and refrigeration systems comply with a relevant European regulations and are safe and certified as required.

Should you request the specific CE certification for the system being partnered and installed on your premises, this will be provided on request from the relevant certified SolarCool installation partner.

Vacuum tube solar collector

This element of the installation does not contain any electrical parts. Certification (Solarkeymark/DINCertco) for proving highly sophisticated performance is available, however, CE certification for this product is not required for the following reason.

The relevant guideline for the solar thermal collector is the EU PED (pressure equipment directive) in the current valid form of 97/23/EC.

The SolarCool thermal collector is delivered as a separate system with the connecting pipes protected against dust and dirt, but is not set to any higher pressures at this stage. They are then connected on the location by the installer to the air conditioner forming a SolarCool system. They do not come pre-installed in a closed loop system like for example: a typical water heater finished group.

The EU directive 97/23/EC excludes all vessels with connected pipes being delivered and having a pressure lower than 0.5bar above ambient pressure (typically 1.5 bar) from the obligation to be tested according this directive. SolarCool collectors being delivered as a component are therefore excluded from this regulation. For further information and a current status update please follow this [link](#).

The fully assembled SolarCool system

According to the PED guidelines does not require CE certification. The full system is assembled on location by the installer to a closed loop system. There may be other regulations in the various countries, where permits before installation and approvals for installation are required, however these are 'local' laws and should be researched and abided as required. Therefore according to the EU guidelines there is no requirement to issue a CE certificate with the testing procedures on the fully assembled system on location.

SolarCool systems are evaluated and certified by SRCC, an **ISO/IEC 17065** accredited and EPA recognised certification body.

Accessories

Our various accessories i.e. installation kits, mounting kits etc. are all tested against the relevant norm, and hold CE where required for safe operation.

SolarCool Energy Ltd Technical team
