

Save 90% energy

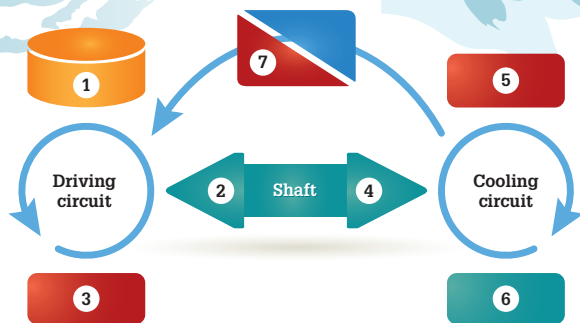
New and revolutionary aircon-technology

Powered by AC-Sun

AC-Sun's technology turns solar heat into aircon-systems with a minimal use of electrical power.

Features:

- 1 Electrical power consumption is only 10% of a conventional system.
- 2 The air conditioner is powered by solar heated water, water heated by surplus energy or district heating.
- 3 No chemical cooling media such as CFC/HCFC or others is used – only water.
- 4 The cost is comparable to conventional systems.
- 5 According to The FORCE Institute the AC-Suns technology will save 86% on CO₂ emission compared to an average conventional aircondition unit.



- ① Buffer tank
- ② Turbine (Expander)
- ③ Condenser
- ④ Turbine (compressor)
- ⑤ Condenser
- ⑥ Evaporator
- ⑦ Heat exchanger

The heart of AC-Sun's technology is driven by highly efficient turbines using a minimum of electric energy. The turbines are powered by steam, generated either by thermal solar panels, district heating, waste heat from a large engine or waste heat from an industrial process. Water is the only cooling media in the system.

Our technology is protected by two international patents, and the development has been supported by the EUDP program.

Read more at www.ac-sun.com

