

RPS COOLING NEWS

WATER CHILLERS WITH INVERTER TECHNOLOGY

FLEXY RANGE IN "PLUS ENERGY" VERSION

FLEXY range: water chillers with INVERTER TECHNOLOGY

14,5 kW ÷ 163,0 kW

RPS COOLING is now able to announce the new "PLUS ENERGY" version for his FLEXY range. Air cooled water chillers for water and oil with variable cooling supply. These are machines with INVERTER driven scroll compressors, EC expansion valves and EC fans.

The compressors with brushless motors has driven by an inverter with vectorial control. The DC Inverter units have a variable-frequency drive that comprises an adjustable electrical inverter to control the speed of the electromotor, which means the compressor and the cooling / heating output.

Comparing a traditional water chillers with a FLEXY "PLUS ENERGY" version model with inverter you can have an energy saving of about 30% at partial loads. This technology with EC Expansion valve and fans can handle the accuracy of the outlet liquid temperature up to ± 1°C.

The FLEXY range is made up 19 models, with 4 sizes, between 14,5 kW and 163 kW of cooling capacity.



INVERTER

DC compressor
Brushless motor

30%
Energy saving