



## ABOUT THE CHILLER

The Chiller 14, which provides a reduced footprint, lower power usage and is Eurovent certified, is part of a 10 model range capable of offering between 1kW and 50kW of cooling.

The chillers all contain a circulation pump and thermal buffer tank capable of receiving variable load conditions and providing stable return temperatures.

The units can be supplied with ferrous or non-ferrous circuit, together with a wide range of connecting valves and hoses to help connect on to customers specific systems.

The ranges have been designed to help provide cooling for the following uses:

- R&D testing for long or short term trials
- Plastics and Rubber production
- Food storage and packaging
- Laser applications
- Jacketed vessels and tank cooling
- Air compressor cooling

## THE ICS COOL ENERGY PORTFOLIO

ICS Cool Energy can also supply the following equipment:

- Air-cooled rental chiller range from 0.3kW – 1,000kW units.
- Water-cooled rental chiller range from 7.5kW – 1,000kW units.
- Air handling units & fan coils from 5kW – 500kW duties.
- Air conditioning units from 1.3kW – 350kW units.
- Low temperature chillers (-40°C) and fan coils (0°C air off).

- Dehumidifiers (desiccant & electric) 200-10,000m<sup>3</sup>/hr.
- Generator Power with 20KVA – 800KVA, fuel tanks and management.
- Air distribution (flexible ducting and perforated air socks).
- Hot water generators and boilers from 25kW – 500kW units.
- Heating (office/warehouse) from 3kW to 200kW electric/indirect/heat pump.

We also provide full installation, transportation, lifting and monitoring.

## CONTACT

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**ics cool energy**

## TECHNICAL CHILLER 14

Chiller (LxWxH)	1310 x 660 x 1400
Stacking frame	1700 x 740 x 1680
Weight kg	548
Water hoses	1" Camlock
Cooling Capacity kW	14.4
Compressor (Scroll)	1
Refrigerant (Zero ozone depletion potential) HFC	R 407 C/410 A
Fluid Flow m <sup>3</sup> /h min/max	1.9/9.1
Pump Pressure Bar max/min	3.0/1.5
Tank l	115
Delta T min/max K	4-10
Max Working Pressure Bar	6
Max Power Absorbed kW	7.9
Electrical Supply Voltage Phase V	400
Max Current Absorbed A	12.9
Chiller Power Connections	CEE 16 A
Sound Pressure Level	53.1

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