



## ABOUT THE RANGE

ICS Cool Energy can provide a range of Heat Pump chillers, capable of offering cooling and heating from one single source.

This new range of chillers, which also offer low power usage and internal circulation pumps and thermal buffer tanks can provide cooling down to -10°C and heating up to 45°C.

## 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 (-30°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

Bel ons op  
**+31 (0)88 - 258 2580** of  
 bezoek onze website  
[www.icscoolenergy.nl](http://www.icscoolenergy.nl)

[info@icscoolenergy.nl](mailto:info@icscoolenergy.nl)

## HEAT PUMP 90

### TECHNICAL

Chiller (LxWxH) (mm)	2,550 x 1,000 x 2,380
Stacking frame (LxWxH) (mm)	2,620 x 900 x 2,380
Weight (kg)	1161
Water hoses	2" Bauer coupling
Cooling Capacity/Heating Capacity (kW)	80/86.7
Compressor (Scroll)	2
Refrigerant (Zero ozone depletion potential) HFC	R 407 C / 410A
Fluid Flow m <sup>3</sup> /h min/max	12.9/27
Pump Pressure Bar max/min	3.3/0.9
Tank (l)	350
Delta T min/max K	4-10
Max Working Pressure Bar	6
Max Power Absorbed (kW)	37.0
Electrical Supply Voltage Phase (V)	400
Max Current Absorbed (A)	53 A
Chiller Power Connections	CEE 63 A
Sound Pressure Level dB (A)	58

### CONTACT

Bel ons op  
**+31 (0)88 - 258 2580** of  
 bezoek onze website  
[www.icscoolenergy.nl](http://www.icscoolenergy.nl)

[info@icscoolenergy.nl](mailto:info@icscoolenergy.nl)