



Calorex Commercial I-PAC
Inverter Heat Pumps



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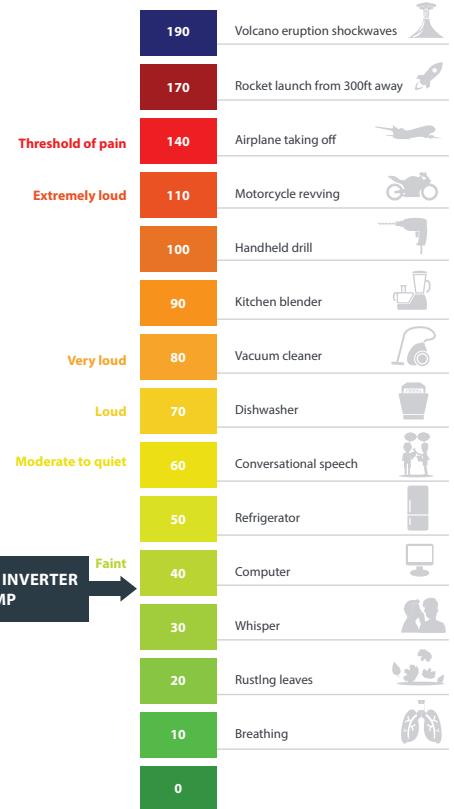
Inverter Technology

Inverter technology allows the speed of the heat pump to reduce whenever the pool needs less than the full output, matching heat output to exactly the heat required. This not only gives lower running costs, but reduces sound levels to a 'whisper' and eliminates the massive inrush currents associated with on/off heat pumps. The I-PAC 50 and 100 are ideal for large domestic pools and commercial pools alike.

Features

- Stepless DC inverter compressor
- Higher COP's than traditional on/off heat pumps
- Wi-Fi connectivity for remote control
- Titanium Heat Exchanger
- Multifunction operation can be set to: heat only, heat/cool and cool only functions (heat only is the normal setting for UK climate)
- Aluminum alloy casing
- 5-year manufacturer's warranty (on-site parts and labour)
- Designed by Dantherm in the UK for the UK climate

Where our heat pump sits on the decibel scale



Technical Data

SPECIFICATIONS	UNITS	I-PAC 50	I-PAC 100
PERFORMANCE – AIR 27°C 80% RH, WATER 27°C			
Heating capacity	kW	60.2	115
Average COP at 50% speed		10.5	10
PERFORMANCE – AIR 15°C 70% RH, WATER 26°C			
Heating capacity	kW	40.1	80.8
Average COP at 50% speed		4	7
PERFORMANCE – AIR 35°C 70% RH, WATER 28°C			
Cooling capacity	kW	26.8	53.5
Air temperature range	°C	-7 to 43	-7 to 43
Power supply	V/Hz	400/3p/50-60	400/3p/50-60
Rated input power	kW	2.10-8.18	4.25-17
Rated current input	A	3.05-11.9	6.16-24.7
Maximum input current	A	19	38
Water flow	m ³ /h	20-25	40-50
Water connection	mm	75	110
Compressor		Inverter	Inverter
Heat exchanger		Titanium	Titanium
R410a gas weight	kg	8	16
Sound level @ 1m	dB(A)	53-61	55-64
Sound level @ 10m	dB(A)	33-41	35-44
Product size (L x W x H)	mm	1000 x 1110 x 1260	2100 x 1090 x 1280
Weight	kg	230	448



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This literature is intended as a guide.
The company reserves the right to change the specifications without notice.