



Pro-Pac 8-22

Specifically designed heat pumps
for outdoor swimming pools

PRO-PAC 8-22

Heat pumps for domestic swimming pools

Calorex Pro-Pac heat pumps are specifically designed for swimming pool heating. Heat pumps are recognised as the most sustainable way to dynamically heat swimming pool water and with a Calorex heat pump you will save both energy and operating costs.

Why Calorex?

Calorex is a leading British manufacturer of swimming pool heat pumps and dehumidifiers. With nearly 40 years of design expertise, Calorex is renowned for its innovation, range and quality of products with an expert sales and services team dedicated to meeting our customer's requirements. Our presence is international with thousands of Calorex units operating in over 60 countries worldwide.

What do they do?

Calorex Pro-Pac X are a range of heat pumps designed to work throughout the year when air temperatures are above 5°C. Pro-Pac X heat pumps are suitable for outdoor pool heating or pools with a semi-permanent enclosure to extend the useable period of a normal outdoor pool.

Calorex Pro-Pac Y are a range of heat pumps designed to operate in air temperatures as low as -15°C and are ideally suited for heating indoor or outdoor pools all year round.

Advantages of a heat pump

- Up to 400% operating cost and carbon saving against direct electric heaters
- Up to 47% operating cost saving against fossil fuel boilers
- Up to 60% carbon saving against fossil fuel boilers
- No flues or fuel storage tanks
- Minimal maintenance
- Easy to retrofit to existing swimming pool systems



PLC controller

Key features

- Designed and built in the UK to ISO 9001 and suitable for a multitude of climates
- Purpose designed components for swimming pool heating
- Intelligent electronic defrost improves early and late season performance (X models)
- Can be installed outside or in a plant room
- High efficiency full flow Titanium condenser
- Leading brand rotary or scroll compressors
- Quiet, efficient owlet axial fans
- Plastisol coated cabinet and ABS top cover
- Water flow switch
- Pool pump synchronisation control
- Capacities from 8kW to 22kW
- Choice of single or three phase
- Soft start options

Two control panel positions available



Technical data

X models operate from +5°C ambient temperature Y models operate from -15°C ambient temperature	Units	PRO-PAC 8X PRO-PAC 8Y	PRO-PAC 12X PRO-PAC 12Y	PRO-PAC 16X PRO-PAC 16Y	PRO-PAC 22X PRO-PAC 22Y
Output					
Output @ +15°C ambient temperature	kW	8.8	12	15.2	21
Output @ +7°C ambient temperature	kW	7	9.5	12.3	16.5
Output @ -3°C ambient temperature*	kW	4.5	6.1	7.9	10.6
Input @ +15°C ambient temperature	kW	2.0	2.6	3.4	4.5
Electrical data					
Electrical supply (50 Hz)	1PH	230 v	230 v	230 v	230 v
	3PH	400 v	400 v	400 v	400 v
Minimum supply capacity (A)	1PH	14	17	19.8	31
	3PH	6	6.4	8	13
Recommended supply fuse (A)	1PH	20	25	30	42
	3PH	10	10	15	20
Fan					
Air flow	m ³ /h	2200	3300	3500	4100
Water					
Flow rate	l/min	75	75	125	167
Pressure drop	m hd	0.1	0.1	0.1	0.6
Water connections	inch	1½ BSPM or 50mm female	1½ BSPM or 50mm female	1½ BSPM or 50mm female	1½ BSPM or 50mm female
General data					
Compressor		1 x Rotary Titanium	1 x Rotary Titanium	1 x Scroll Titanium	1 x Scroll Titanium
Condenser					
Sound level @ 10 m	dB(A)	38	39	41	44
Sound level @ 3 m	dB(A)	50	47	48	52
Dimensions (cabinet)					
Width	mm	1237	1237	1237	1237
Depth	mm	535	535	535	535
Height	mm	725	725	725	904
Weight - X models	Kg	91	96	118	122
Weight - Y models	Kg	96	112	136	141

* Y model only

- Pro-Pac X models operate in air temperatures above +5°C. These models are designed for seasonal use.
- Pro-Pac Y models are fitted with reverse cycle defrost and will operate in air temperatures as low as -15°C, therefore they are suitable for all season use and indoor swimming pools.





Our products are designed and manufactured in the UK

Technical support and service

Comprehensive technical support is provided by our experienced and well qualified team



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