

Heat pumps for domestic swimming pools

Pro-Pac 8-22

Summer Extended

All Season Use

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.

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



Back view



Control panel



Advantages of a heat pump

- Up to 400% operating cost and carbon saving against direct electric heaters
- Up to 34% operating cost saving against fossil fuel boilers
- Up to 50% carbon saving against fossil fuel boilers
- No flues or fuel storage tanks
- Minimal maintenance
- · Easy to retrofit to existing swimming pool systems

Key features at a glance

- Designed and built in the UK to ISO 9001, for the UK climate
- 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
- · Water flow switch
- Pool pump synchronisation control
- Touch screen controls
- Capacities from 8kw to 22kw
- Choice of single or three phase
- Soft start options
- Remote thermostat options
- Nationwide service



Pro-Pac heat pumps

Technical data

Output output @ output @ +15°C ambient temperature output @ -7°C ambient temperature* hput @ +15°C ambient temperature* hput @ +15°C ambient temperature kW KW 8.8 12 15,2 21 Coutput @ -3°C ambient temperature* hput @ +15°C ambient temperature kW 7 9,5 12,3 16,5 Input @ +15°C ambient temperature kW 1,95 2.6 3,35 4,45 Electrical data Electrical supply (50 Hz) 1 PH 230 v 230 v 230 v 230 v Minimum supply capacity (A) 1 PH 14 17 19,8 31 Recommended supply fuse (A) 1 PH 20 25 30 42 3 PH 0 10 15 20 Fan Air flow m³/h 2200 3300 3500 4100 Water Flow rate 1/min 115 115 123 13 Ompressor Condenser 1 mhd 2,5 2,5 3,5 1 ½ BSPM General data Sound level @ 10 m dB(A) 50 47 48 52 Dimensions Width	X Models operate from +5°C ambient temperature Y Models operate from -15°C ambient temperature		Pro-Pac 8X Pro-Pac 8Y	Pro-Pac 12X Pro-Pac 12Y	Pro-Pac 16X Pro-Pac 16Y	Pro-Pac 22X Pro-Pac 22Y
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		Kg	91	96	113	119
Weight - Y model Kg 96 105 131 141	Weight - Y model		96	105	131	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

Technical support and service: Comprehensive engineering support is supplied by our experienced and well qualified team.

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PP Dom Pool V2