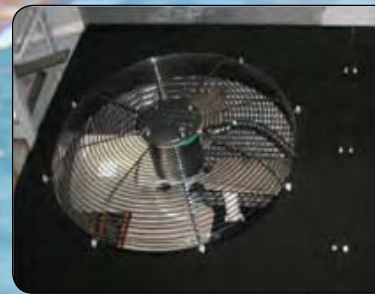


Electr Heat PRO

The new generation Electroheat PRO heat pump is the latest advancement in commercial size swimming pool heating. The PRO 96 has been designed to deliver efficient cost effective large pool heating in an easy to operate and install package.

- Electronically controlled temperature management
- Fault diagnostic system and inbuilt protection devices
- Hermetic scroll compressors
- Titanium heat exchangers
- R410A Refrigerant





Fans

- Twin 660mm fans for maximum airflow
- Low noise emissions 69dBA @ 1 metre



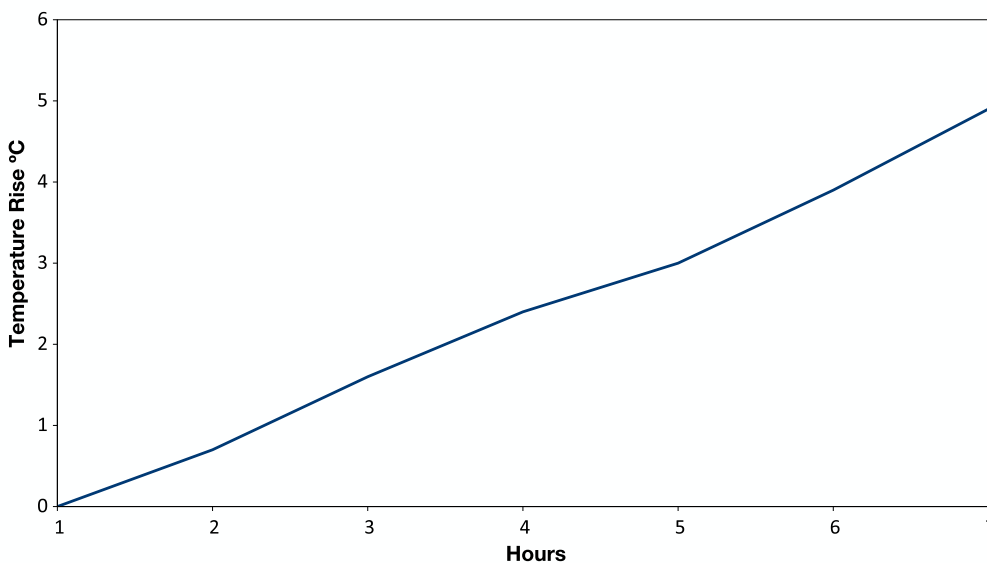
Control Panel

- Electronically controlled temperature management
- Continuous digital temperature display
- Phase and compressor monitoring

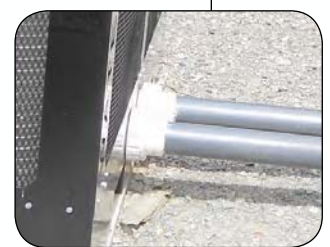
✓ Cost Effective Heating

- ✓ Save up to 50% over natural gas, 80% over propane gas and 500% over electric element pool heater running costs compared to heat pumps.

Electroheat Pro 96 Temperature Rise



Testing performed on 100,000L water volume 12/2012



Water Connection

- Easy to connect single in/out 80mm (3") water connections.
- Integral flow switch - protecting equipment from operation when no flow is detected



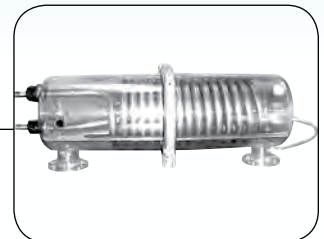
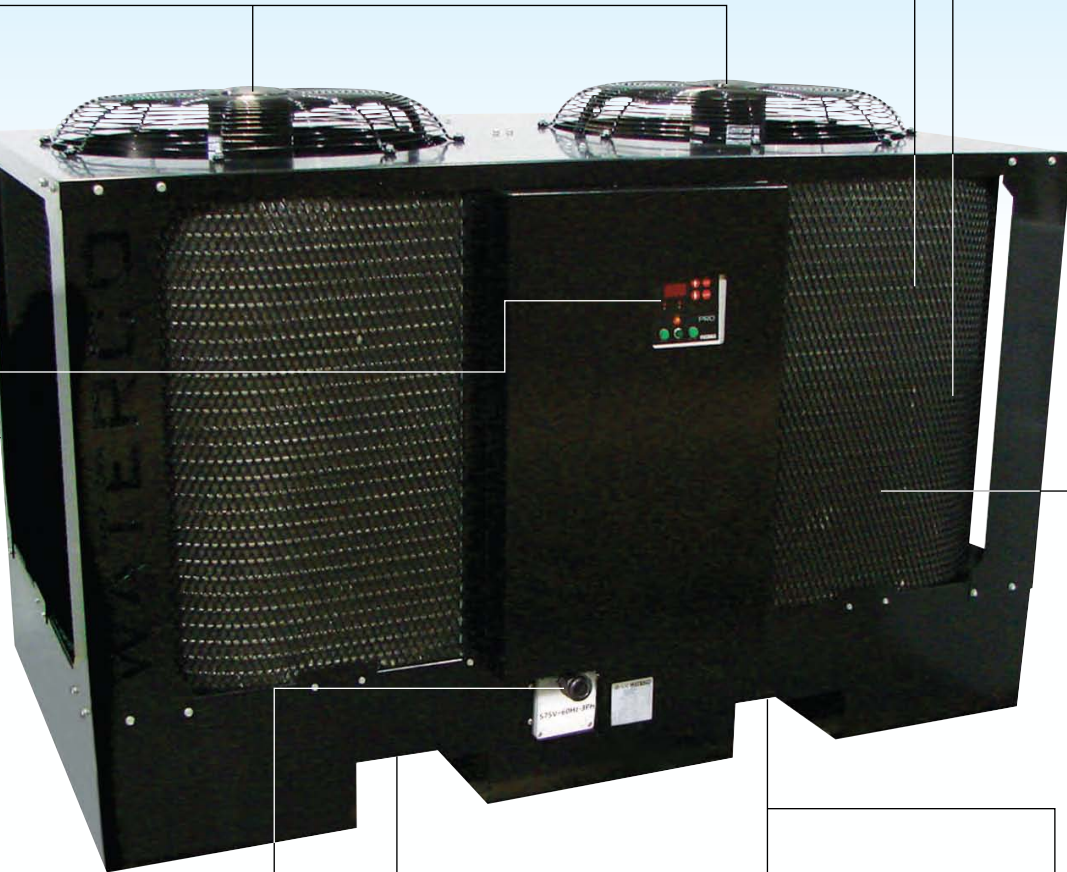
Evaporators

- Twin evaporators for enhanced heat absorption
- Automatic hot gas de-icing for cold climates



Compressor

Twin high performance 11HP Sanyo hermetic scroll compressors



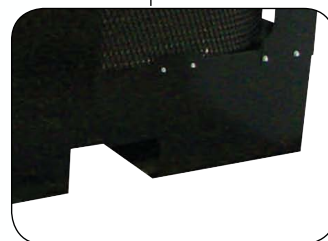
Heat Exchangers

Six titanium coiled exchangers for maximum heat transfer and protection against corrosion



Electrical Connections

Easy cable entry and electrical connection access



Cabinet

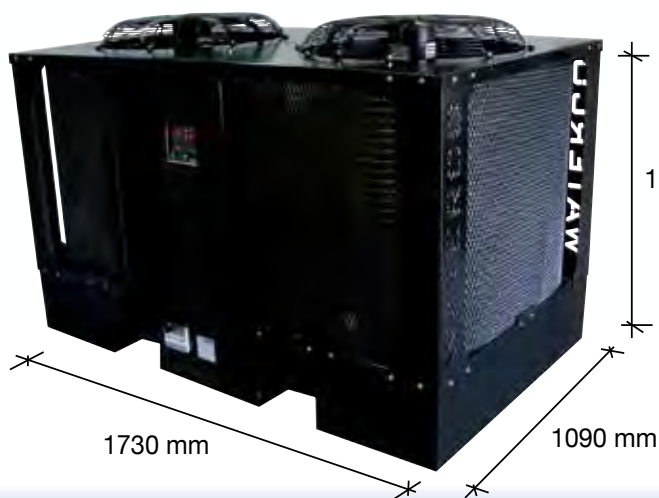
- Made from heavy duty powder coat sheet metal
- Easy installation and relocation with allowance for forklift tynes

Specifications

Model Number	PRO96
Nominal Heating Capacity*	96 kW (330,000 BTU)
Test Lab (26/26/80)	96 kW (328,500 BTU)
Test Lab (26/26/60)	92.6 kW (316,450 BTU)
Compressor (HP)	(2 x) 11HP
Manufacturer	Sanyo
Compressor number	C-SCP360H38A
Water Flow & Plumbing Characteristics	
Water Bypass Type	Ext. Field Install
Min./Max. Water Flow Rate (LPM)	500-680
Min./Max. Water Inlet Temperature (°C)	14° - 40°
Plumbing Connection Size (Slip)	80mm / 3" PVC
Electrical Characteristics	
50Hz Dual Rated Supply Voltage (VAC)	380-415V
Supply Voltage Phase	3
Unit run current (AMP)	29.5
Power consumption (kW)	16.12
Coefficient of Performance @ 26/26/60 (COP)*	5.7
Min./Max. Air Inlet Temperature (°C)	6° / 40°
Refrigerant Characteristics	
Refrigerant Type	R-410A
Physical Characteristics	
Cabinet Construction	Powder coat sheet metal
Color	Black
Weight (kg.)	453
Dimensions (mm)	1730W-1090L -1120H
Noise Emission Characteristics	
Noise Emission (dBA)	69 @ 1metre & 59 @ 3 metres

* (26/26/60) = Air Temp: 26° / Water Temp 26° / Humidity 60%

Dimensions



Clearance



Rainbow Pool Products

PO Box 2388, Mansfield Qld 4122

Telephone STD 61-7-3849 5385

Facsimile STD 61-7-3849 5384

Email: info@rainbowpoolproducts.com.au

Web: www.rainbowpoolproducts.com.au