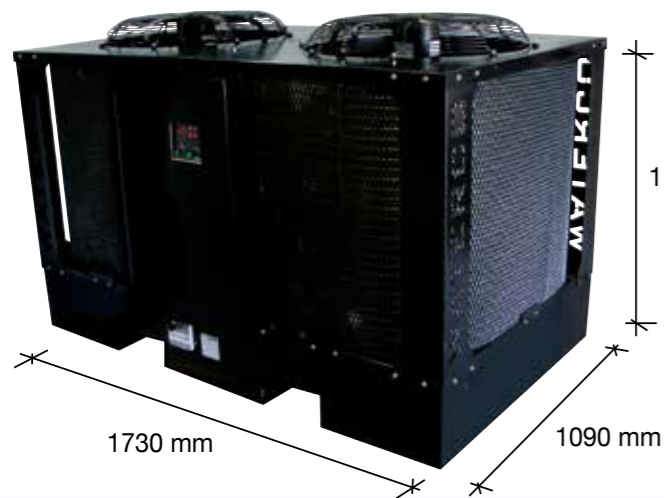


## Specifications

Model Number	PRO100
Nominal Heating Capacity*	97KW (331,000 BTU)
Test Lab (26/26/80)	97KW (331,000 BTU)
Test lab (15/26/70)	67 kW (229,000 BTU)
Test Lab (10/26/63)	58 kW (198,000 BTU)
Compressor (HP)	(2 x) 11HP
Manufacturer	Sanyo
Compressor number	C-SCP360H38A
<b>Water Flow &amp; Plumbing Characteristics</b>	
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
<b>Electrical Characteristics</b>	
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 @ 26/26/80 (COP)*	6.4
Min./Max. Air Inlet Temperature (°C)	6° / 40°
<b>Refrigerant Characteristics</b>	
Refrigerant Type	R-410A
<b>Physical Characteristics</b>	
Cabinet Construction	Powder coat sheet metal
Color	Black
Weight (kg.)	453
Dimensions (mm)	1730W-1090L -1120H
<b>Noise Emission Characteristics</b>	
Noise Emission (dBA)	69 @ 1metre & 59 @ 3 metres

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

## Dimensions



## Clearance



**WATERCO**  
water, the liquid of life

# Electr Heat PRO

The new generation Electroheat PRO heat pump is the latest advancement in commercial size swimming pool heating. The PRO 100 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



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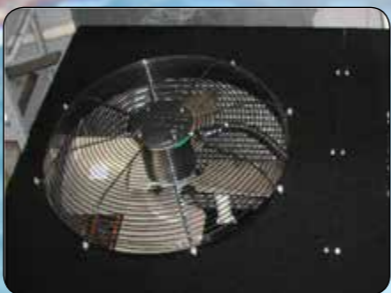
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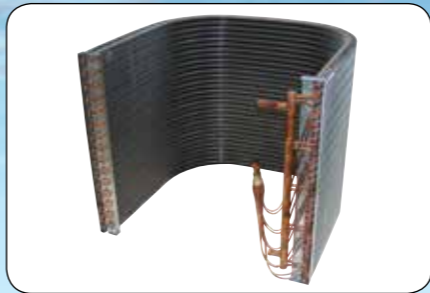
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[www.waterco.com](http://www.waterco.com)



**Fans**

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



**Evaporators**

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



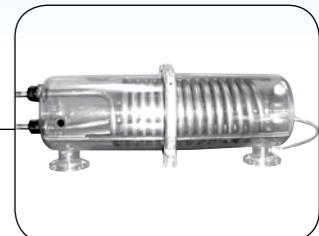
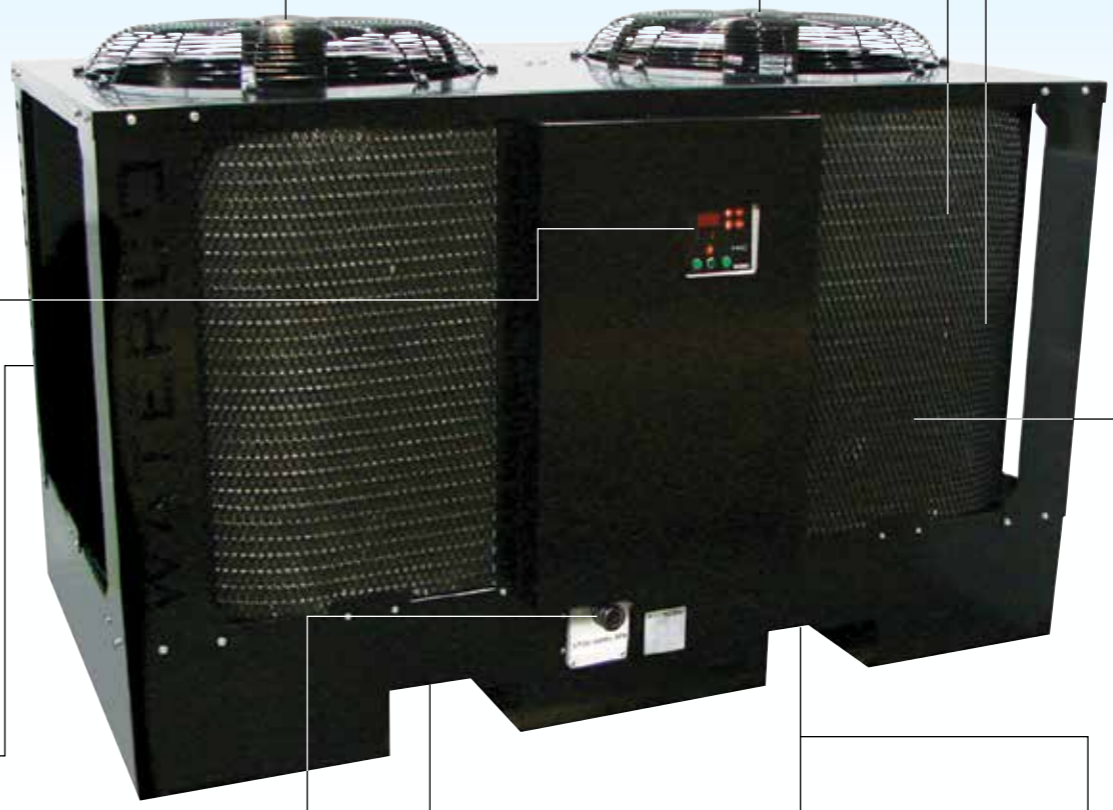
**Compressor**

Twin high performance 11HP Sanyo hermetic scroll compressors



**Control Panel**

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



**Heat Exchangers**

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



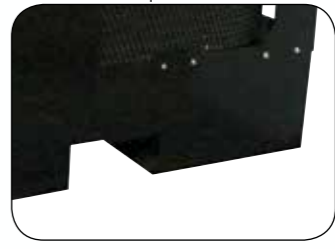
**Water Connection**

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



**Electrical Connections**

Easy cable entry and electrical connection access



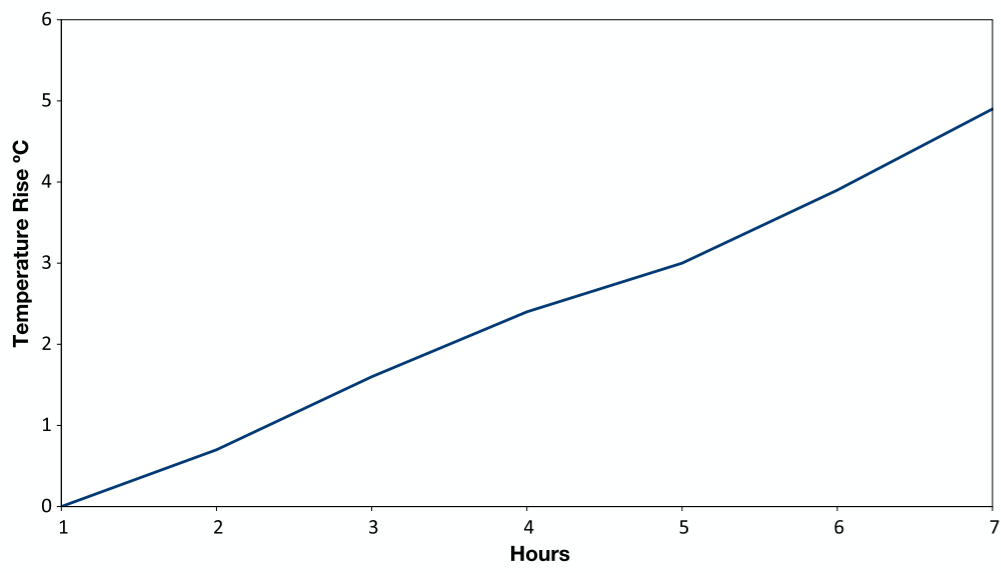
**Cabinet**

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

✓ **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 100 Temperature Rise**



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