



Established in 1981, Waterco pioneers reliable solutions for healthy, safe water environments. We design and manufacture innovative filtration and sanitisation products across residential, commercial and industrial applications in over 40 countries.

OFFICES - AUSTRALIA

NSW - Sydney (Head Office)

Tel: +61 2 9898 8600

QLD - Brisbane

Tel: +61 7 3299 9900

VIC/TAS - Melbourne

Tel: +61 3 9764 1211

WA - Perth

Tel: +61 8 9273 1900

SA/NT - Adelaide

Tel: +61 8 8244 6000

ACT Distribution

Tel: +61 2 6280 6476

OFFICES - OVERSEAS

Waterco (Europe) Limited

Sittingbourne, Kent, UK
Tel: +44 (0) 1795 521 733

Waterco (USA) Inc

Augusta, Georgia, USA
Tel: +1 706 793 7291

Waterco Canada

Boucherville, Quebec, Canada
Tel: +1 450 748 1421

Waterco (NZ) Limited

Auckland, New Zealand
Tel: +64 9 525 7570

Waterco (C) Limited

Guangzhou, China
Tel: +86 20 3222 2180

PT Waterco Indonesia

Jakarta, Indonesia
Tel: +62 21 4585 1481

Waterco Singapore Intl Pte Ltd

MAPEX Building, Singapore
Tel: +65 6344 2378

Waterco (Far East) Sdn Bhd

Selangor, Malaysia
Tel: +60 3 6145 6000

Waterco Vietnam Company Limited

Ho Chi Minh City, Vietnam
Tel: +84 28 3622 7780



SCAN ME



Electr Heat MKV
swimming pool heat pump

**Warm Your Pool
Beyond Seasons**



Electr Heat MKV

swimming pool heat pump



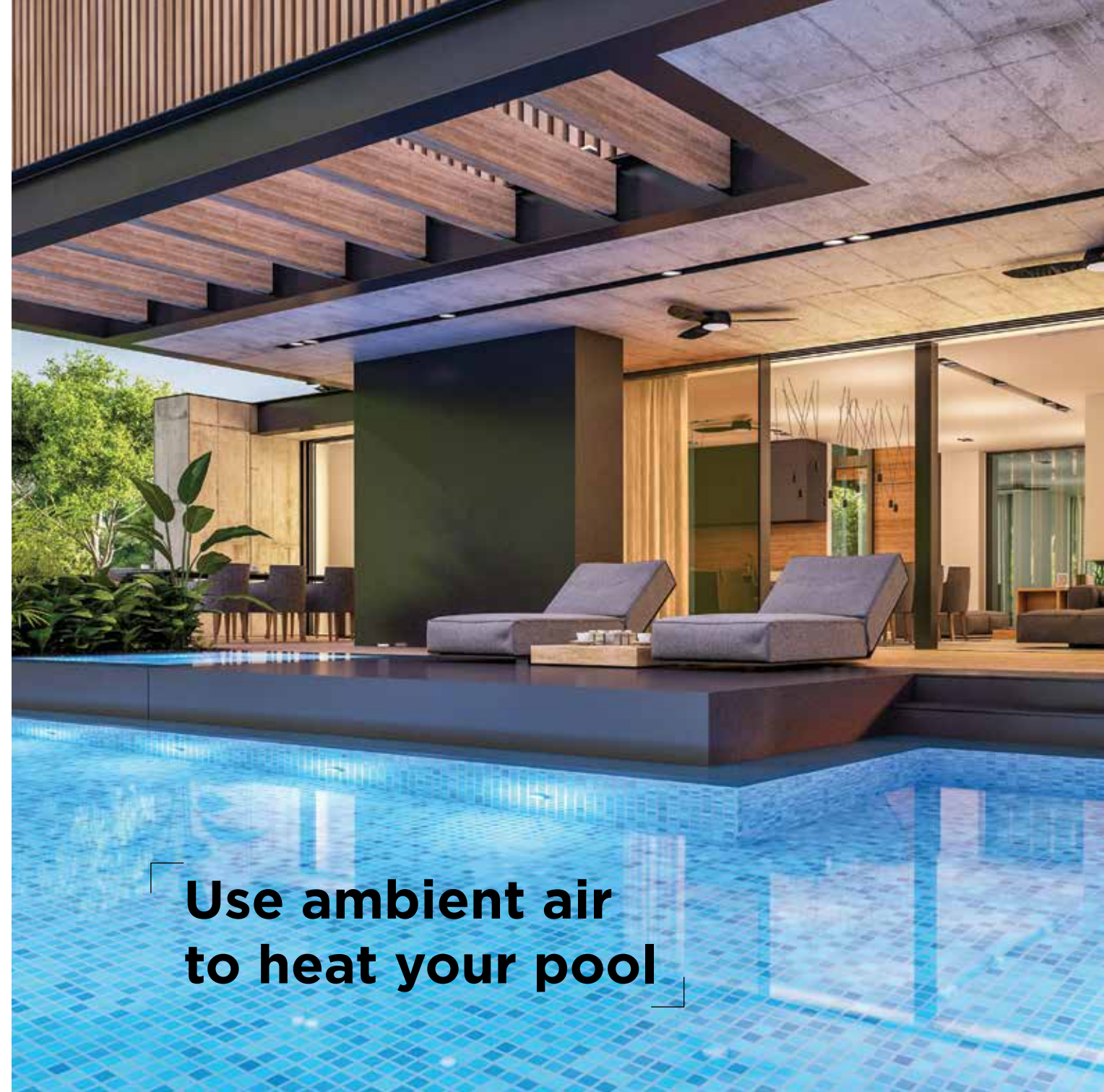
Energy efficient heating

Owning a swimming pool is a significant financial commitment. To optimize its usage, it's important to maintain a comfortable swimming temperature for the maximum number of hours daily and throughout the year. A pool heat pump economically keep your pool warm 24 hours a day.

The redesigned Electroheat MKV heat pump not only sporting a new pewter color but a special evaporator coating that ensures high heat transfer and corrosion resistance for pool and spa owners living in humid or coastal environments.



Keep pool warm
24 hours a day



**Use ambient air
to heat your pool**



Robust, weatherproof cabinet – ensuring long-lasting performance as well as contributing to noise reduction



Large diameter fan – increased heat extraction for faster and more efficient heating



Waterco Connect app – control your pool heating from anywhere



Refrigerant pressure gauge – confirmation of refrigerant gas charge



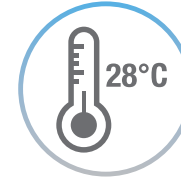
Intuitive control panel – features clear buttons and an easy-to-read display



Hydrophilic Blue fin evaporator technology – improved corrosion resistance and enhanced heat transfer efficiency



Improved condensate collection – two fitted spigots to allow drainage hose connection



SMART CONTROLS for temperature management and self diagnosis



INBUILT SAFETY DEVICES for water flow, refrigerant level and compressor startup delay



POWERFUL HEAT TRANSFER through the coiled heat exchanger maximising water contact



DUAL COIL TITANIUM Heat Exchanger is highly resistant to ozone, iodine, baquacil, salt and chlorinated water



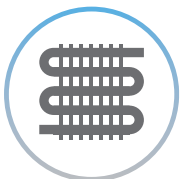
HIGH QUALITY BRANDED SCROLL COMPRESSOR for improved efficiency and high performance



LOW NOISE A combination of sound-absorbing materials and optimised fan and housing design minimises noise



R410A REFRIGERANT, ozone friendly and maximises performance



EXTRA LARGE EVAPORATOR AREA increases the heat pump's ability to capture heat from the surrounding air, allowing it to function more efficiently.

Electr Heat MKV

Electroheat MKV pool heat pumps feature a compact design and horizontal venting, making them an ideal for efficient heating.

- Available in 9kW, 12kW, 14kW, 19kW & 22kW heating capacities

The Electroheat heat pump range are an ideal solution for heating:



Swimming pools to extend the season



Swimming pools for year round enjoyment



Plunge pools



Swim spas and spas



Take control of your pool climate from anywhere with Wi-Fi enabled Waterco Electroheat pool heat pumps. Simply connect your heat pump to your home Wi-Fi and download the free Waterco Connect app. This user-friendly app allows you to remotely monitor and adjust your pool temperature, ensuring a comfortable swim whenever you desire.



Swim in Extended Comfort



Energy efficient way to heat your pool

Compared to gas and electric heaters, the Electroheat MKV pool heat pump range use just a fraction of the energy to generate the same amount of heat and unlike solar heating; there is no reliance on the sun as the latent heat in the air is used.

The Electroheat MKV heat pump is energy-efficient and environmentally friendly, capable of **converting 1 kW of electricity into 6 kW of heat energy.**



Performance Specifications

| Electroheat MKV | | | | | |
|--|--------------------|-----------------|-----------------|-----------------|-----------------|
| Nominal Power Output (kW)* | 9 | 12 | 14 | 19 | 22 |
| Nominal Heating Capacity BTU* | 30,700 | 41,000 | 47,700 | 64,000 | 75,000 |
| Product Code | 27809506 | 27812306 | 27815206 | 27819206 | 27823206 |
| Power Output (kW): Air 26C / Water 26C / RH63% | 8.9 | 11.7 | 13.5 | 18.5 | 21.8 |
| COP | 5.9 | 6.1 | 6.1 | 6.3 | 6.2 |
| Power Output (kW): Air 15C / Water 24C / RH 70% | 6.8 | 9.2 | 9.4 | 17.0 | 20.0 |
| COP | 4.8 | 4.8 | 4.3 | 5.8 | 5.7 |
| Supply Voltage (VAC) | 240 | 240 | 240 | 240 | 240 |
| Supply Voltage Phase | Single Phase | | | | |
| Power Consumption (kW/h) | 1.5 | 1.9 | 2.2 | 2.9 | 3.5 |
| Full Load Amps | 9 | 12 | 12 | 22 | 30 |
| Minimum Breaker or Fuse (AMP) | 16 | 20 | 20 | 30 | 40 |
| Electrical Connection | 10A plug | 15A plug | Terminals | | |
| Min. / Max. Ambient Air Temperature (C) | 10 / 40 | | | | |
| Min. / Max. water inlet temp (C) | 18 / 40 | | | | |
| Water Connections (mm) | 40mm | | | | |
| Bypass | External 3 x 2 way | | | | |
| Evaporator area m ² | 0.59 | 0.59 | 1.18 | 1.77 | 1.77 |
| Min. / Max. Water Flow Rate LPM | 120 - 230 | | | | |
| Unit Dry Weight (kg) | 51 | 55 | 79 | | |
| Dimensions W x L x H (mm) | 1269 x 361 x 717 | | | | |
| Refrigerant | R410A | | | | |
| Heat Exchanger Max. pressure | 3.5 bar / 350 kPa | | | | |

Related products:
Electroheat Pro range - Pool heat pumps for commercial applications. Electroheat ECO V range - Pool Heat pumps with inverter technology.



Warranty - Residential
25 years - titanium heat exchanger tube against corrosion (eff 1 Aug 22)
10 years - heat exchanger
3 years - compressor
2 years - all other components
1 year - labour

Warranty - Commercial - 1 year
Conditions apply, see the Waterco Limited warranty set out in the Waterco Warranty Booklet or view it at www.waterco.com

Sizing Chart to Heat Your Pool to 28°C FROM SEPT TO APRIL

| | | Temperate Location * | | Warm Location ** | |
|---------------|--------------|-----------------------------|---------------|-----------------------------|---------------|
| | | Up to 10 hrs / Day Run time | | Up to 10 hrs / Day Run time | |
| Pool Size (m) | Litres | with Pool Cover | No Pool Cover | with Pool Cover | No Pool Cover |
| 3 x 6 | Up to 23000 | 9kW | 14kW | 9kW | 9kW |
| 3 x 7 | Up to 27000 | 9kW | 14kW | 9kW | 9kW |
| 4 x 7 | Up to 35000 | 12kW | 22kW | 9kW | 14kW |
| 4.5 x 8.5 | Up to 50000 | 14kW | 31kW | 9kW | 19kW |
| 5 x 10 | Up to 65000 | 19kW | 22kW x 2 | 12kW | 22kW |
| 5.5 x 11 | Up to 80000 | 22kW | 22kW x 2 | 14kW | 14kW x 2 |
| 6 x 12 | Up to 100000 | 14kW x 2 | 22kW x 3 | 19kW | 19kW x 2 |

Note: Size and performance are influenced by ambient temperature, humidity, use of a pool cover, night time temperature, pool location, wind factor, water features and if the unit is switched off over night. The recommended sizing in the table above is based on operating the unit up to 10 daytime hours with the pool subjected to normal suburban wind. No allowance has been made for the cooling effects of water features, negative edges or high wind areas. Therefore, any under sizing of the heater for your pool heating requirements is not the responsibility of Waterco.

* Temperate Location (Sydney) :- Where minimum average daytime temperatures between September to April are not less than 18°C.

** Warm Location (Brisbane) :- Where minimum average daytime temperatures between September to April are not less than 24°C

*** Pool heating between May and August will require a larger heat pump. Consult www.watercocalculator.com or contact your local Waterco office.

Clearance



Dimensions

