

WATERCO
water, the liquid of life



Electr  Heat **ECO-V**

Warm Your Pool Beyond Seasons



swimming pool heat pump



Energy efficient heating

A swimming pool is a major investment. Don't let cool weather limit your enjoyment! To truly maximise your pool time, you need consistently comfortable water. The Electroheat ECO-V WIFI heat pump is your top venting cost-effective solution, delivering reliable, all-day warmth so you can swim in comfort, year-round.

Don't compromise on performance or appearance. The ECO-V top venting WIFI heat pump boasts a modern, visually appealing design with a durable aluminum exterior. Engineered for tough conditions, its cutting-edge evaporator coating not only guarantees exceptional heat transfer but also offers maximum corrosion resistance. It's the ideal solution for pools and spas in challenging environments like coastal or humid areas.



Use ambient air
to heat your pool



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



WIFI / APP - control your pool heating from anywhere



Innovative air flow - vertical venting air flow for tighter spaces



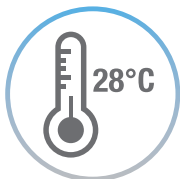
Intuitive control panel - features clear buttons and an easy-to-read display



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



Improved condensate collection - fitted spigot to allow drainage hose connection



**ADVANCED
LED TOUCH
CONTROLLER**

for temperature
management
and advanced
monitoring



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



**POWERFUL HEAT
TRANSFER** the twisted
coil heat exchanger
maximising water
contact



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



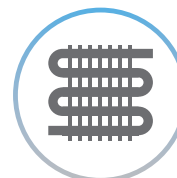
**HIGH QUALITY
BRANDED
TWIN ROTARY
INVERTER
COMPRESSOR**
for improved
efficiency and high
performance



LOW NOISE
A combination of
sound absorbing
materials, axial fan
and housing design
reduces noise



**R32
REFRIGERANT**,
ozone friendly
and maximises
performance



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



Electroheat ECO-V WIFI heat pumps feature a compact design and vertical venting through the top, making them an ideal choice for efficient pool heating.

- Available in 17, 21 & 26kW heating capacities @ air temperature of 27°C

Turbo Mode - Runs at up to 120% capacity to heat the pool rapidly.

Smart Mode - Runs at 20-100% capacity for everyday heating / cooling operation.

Silence Mode - Runs at 20-60% capacity for super quiet operation.

Temperature Setting Range - Heating 18°C-40°C, Cooling 6°C-30°C

This 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 ECO-V top venting pool heat pumps. Simply connect your heat pump to your home Wi-Fi and download the free Invergo 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

Compared to gas and electric heaters, the Electroheat ECO-V WIFI 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 absorbed.

The Electroheat ECO-V heat pump is energy-efficient and environmentally friendly, capable of **converting 1 kW of electricity into up to 11.6 kW of heat energy** running at 50% speed.



Energy efficient way
to heat your pool

Performance Specifications			
Model	17kW	21kW	26kW
Product Code	27817076	27821076	27826076
Performance Condition: Air 26°C / 80°F, Water 26°C / 80°F, Humidity 80%			
Heating capacity (kW) in Turbo mode	17.2	21.0	26.0
Heating capacity (kW) in Smart mode	14.0	17.5	22.0
C.O.P in Smart mode	7.8	7.3	7.8
C.O.P	16.6-6.5	15.5-6.3	14.9-6.8
C.O.P at 50% capacity	11.7	11.6	11.3
Performance Condition: Air 15°C / 59°F, Water 26°C / 80°F, Humidity 70%			
Heating capacity (kW) in Turbo mode	11.6	14.3	17.5
Heating capacity (kW) in Smart mode	9.8	11.6	14.5
C.O.P in Smart mode	4.9	4.9	5.0
C.O.P	7.8-4.5	7.4-4.4	7.3-4.8
C.O.P at 50% capacity	6.7	6.8	6.3
Performance Condition: Air 35°C / 95°F, Water 28°C / 82°F, Humidity 80%			
Cooling capacity (kW)	7.1	8.2	12.0
Working air temp (°C / °F)	-15 ~ 43 / 5 ~ 109		
Sound pressure at 1m dB(A)	42.2-48.6	43.1 -52.1	41.0-52.9
Sound pressure of 50% capacity at 1m dB(A)	44.3	45.2	45.3
Sound pressure at 10m dB(A)	22.2-28.6	23.1 -32.1	21.0-32.9
Power supply	240V /1 Ph / 50Hz AC		
Rated input power (kW) at air 15°C / 59°F	0.26-2.51	0.33-3.08	0.42-3.67
Rated input current (A) at air 15°C / 59°F	1.14-10.9	1.43-13.4	1.82-15.9
Advised water flow (LPM)	70-100	110-140	135-170
Water pipe in-out Spec (mm)	40mm SLIP		
Net Dimension W x L x H (mm)	775x710x668	775x710x668	775x710x743
Net Weight (kg)	71	78	102
Gas R32 (g)	1000	1200	2000



Warranty - Residential
 25 years - titanium heat exchanger tube
 against corrosion
 7 years - heat exchanger
 7 years - compressor
 5 years - all other components

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	17kW	17kW	17kW	17kW
3 x 7	Up to 27000	17kW	17kW	17kW	17kW
4 x 7	Up to 35000	17kW	21kW	17kW	17kW
4.5 x 8.5	Up to 50000	17kW	21kW	17kW	21kW
5 x 10	Up to 65000	21kW	2 x 17kW	17kW	26kW
5.5 x 11	Up to 80000	21kW	2 x 26kW	17kW	2 x 17kW
6 x 12	Up to 100000	26kW	2 x 26kW	21kW	2 x 26kW

Factors Affecting Heater Size and Performance

The optimal heater size for your pool is influenced by pool volume and various environmental factors. These include ambient temperature, humidity, pool cover usage, nighttime temperatures, pool location, wind exposure, water features, and operating hours.

The sizing recommendations provided in the table are based on typical daytime usage of up to 10 hours in suburban areas with moderate wind conditions. Please note that these recommendations do not account for the cooling effects of water features, negative edges, or high wind exposure.

Disclaimer: Waterco is not responsible for any undersizing of the heater that may result from inadequate consideration of these factors.

* 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.

Recommended Clearance



Dimensions



WATERCO

water, the liquid of life



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.

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