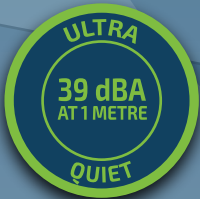


evotherm[®]

HIGH PERFORMANCE HEAT PUMPS



- ✓ Full-Inverter Controlled Motors
- ✓ Twisted Titanium Heat Exchanger
- ✓ DC Twin Rotary Compressor
- ✓ Colour LED Touch Screen
- ✓ Industry Leading Warranty

EVOOTHERM ETI HEAT PUMP

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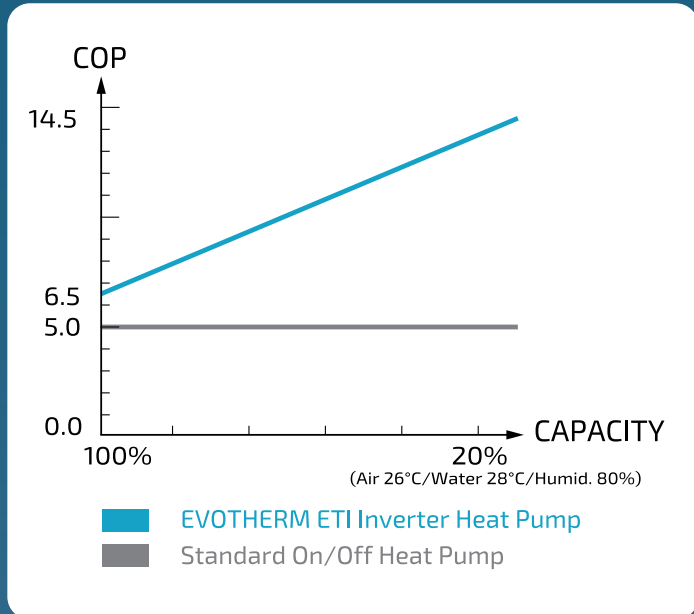
WATER & LIGHTING SOLUTIONS

www.evolutionwls.com.au

The Evotherm ETI Series heat pump is designed to operate efficiently in an extensive range of ambient temperatures to minimise energy costs. The Evotherm ETI is perfect for home and light commercial pool heating and offers user-friendly operation through touch screen or WiFi control.

COP Of Up To 14.5

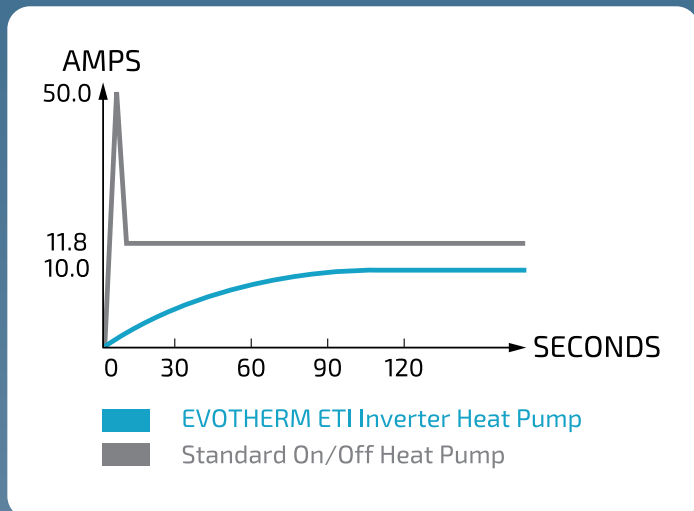
The Evotherm ETI Series heat pump has been designed from the ground up for efficiency. By utilising a full-inverter, stepless drive system, the ETI's efficient technology can increase the Coefficient of Performance (COP) up to a rating of 14.5. High COP ratings equate to higher efficiency, lower power consumption and lower operating costs.



Soft-Start Feature

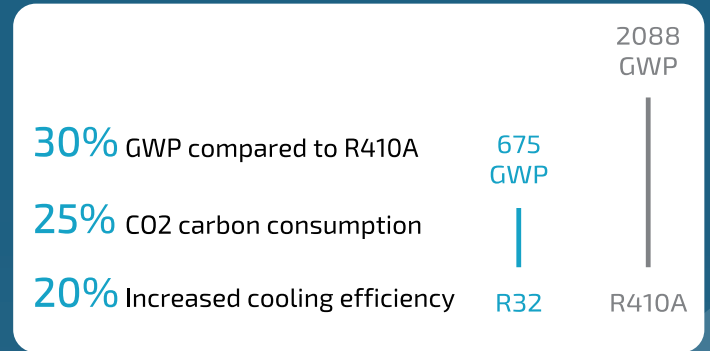
Full-inverter control enables soft-starting, stepless operation of the fan and compressor motors, eliminating harsh current spikes and allowing precision control of motor speeds.

Soft-starting also reduces operation noise and long term, on-off damage to unit components.



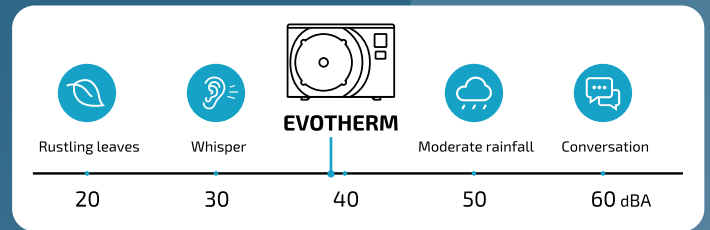
Eco-Friendly R32

The refrigerant used in the Evotherm ETI Series is safer for the environment. R32 refrigerant has a 30% lower Global Warming Potential rating than traditionally used refrigerants like R410A.



Quiet Operation

One of the most consistent complaints with pool systems is the operating noise of equipment. The Evotherm ETI Series heat pump utilises soft-starting brushless DC electric motors for quiet fan operation. With operation noise levels as low as 39dBA, the ETI is designed to fit seamlessly into your pool environment, allowing you to enjoy your pool in peace.



Touch Screen Control

The Evotherm ETI provides complete control through its backlit user-friendly LED touch screen, allowing you to easily select operating modes, set temperature, schedule timers, and run diagnostics at a touch.



Mitsubishi DC Twin-Rotary Inverter Compressor.



Electronic Expansion Valve. Precise refrigerant control.

EVOOTHERM ETI HEAT PUMP

Internal, shielded electronics bay protects sensitive components and circuitry from heat-exchanger condensation and water ingress.

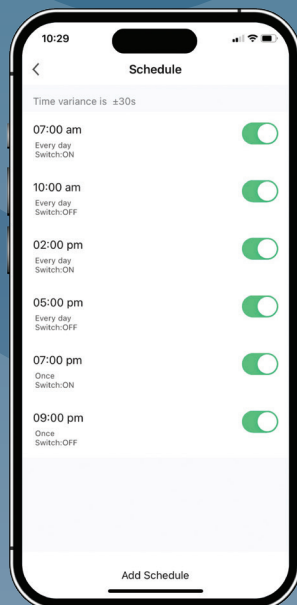
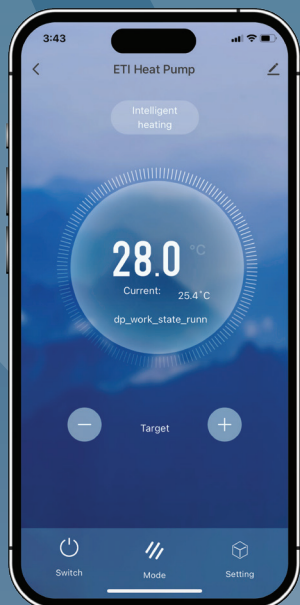
User-friendly LED touch screen to operate the unit and set pool temperature, schedule timers and change modes.

Engineering grade ABS enclosure with steel chassis provides long-lasting unit protection in harsh climates.



Brushless DC fan operates efficiently with soft-start feature that reduces current spikes and electrical load.

Easy access to wiring terminal junction.



WiFi Control

The Evootherm ETI Series heat pump is controllable entirely by WiFi from your smartphone. The free Smart Life app allows you to control the water temperature, on-off schedules and operation modes. In addition, the app provides real-time feedback on the unit, allowing you to optimise your pool from anywhere at any time.

Select between Boost Mode for fast daytime heating, Silent Mode for quiet overnight heating or Smart Mode for everyday operation.



Twisted Titanium heat exchanger: 40% more efficient than standard heat exchangers.



Designed to operate in ambient temperatures as low as -10°C.

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HIGH PERFORMANCE HEAT PUMPS

Specifications

Model	ETI 9.5	ETI 11.5	ETI 15	ETI 21	ETI 25
HEATING CONDITION 1: Ambient: 26°C, Water Inlet/Outlet Temperature: 26/28°C, Humidity 80%					
Heating capacity (kW)	9.5	11.5	15.3	21.2	25.3
Power input (kW)	0.12~1.46	0.19~1.79	0.24~2.41	0.33~3.59	0.34~4.3
COP Range	14.5~6.5	14.5~6.4	14.4~6.3	14.3~5.9	14.1~5.9
HEATING CONDITION 2: Ambient: 15°C, Water Inlet/Outlet Temperature: 26/28°C, Humidity 70%					
Heating capacity (kW)	7.9	8.23	11.15	14.2	17.1
Power input (kW)	0.19~1.49	0.28~1.61	0.39~2.23	0.47~2.88	0.49~3.47
COP Range	7.7~5.3	7.8~5.1	7.6~5	7.5~4.9	7.8~4.9
GENERAL INFORMATION					
Max power input (kW)	1.75	2.3	3.2	4.1	4.49
Max current(A)	7.95	10.5	14.5	18.8	19.52
Power supply	220-240V/1Ph/50-60Hz				
Control unit	LED Touchscreen				
Water temp. Heating Mode (°C)	15~40				
Water temp. Cooling Mode (°C)	8~28				
Running ambient temperature range (°C)	-10~43				
Refrigerant	R32				
Refrigerant control	Electronic Expansion Valve				
Valve type	4-way Valve				
Compressor	Twin-rotary Mitsubishi DC Compressor				
Casing material	ABS+Aluminium				
Air side heat exchanger	Hydrophilic fin exchanger				
Water side heat exchanger	Twisted Titanium Tube Heat Exchanger				
Fan type	Horizontal				
Noise Level at 1m dB(A)	39~49	41~51	42~52	44~55	45~56
Noise Level at 10m dB(A)	19~29	21~31	22~32	24~35	25~36
Water flow rate (Litres Per Minute)	60-90	70-105	85-120	120-160	135-185
Net weight (kg)	39	49	56	75	85
Net Dimension (mm)	896x353x644	980x353x660		1096x447x680	
Warranty	10 years Titanium Heat Exchanger, 6 years Compressor, 2 years Electronics, 1 year In Field				

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