



EVO CS & CS-GEN2

ON/OFF POOL HEAT PUMP

COMMERCIAL PERFORMANCE SERIES

SWIM EVERYDAY WITH EVO HEAT



EVO CS

COMMERCIAL ON/OFF HEAT PUMP
VALUE PERFORMANCE SERIES

ON/OFF HEAT PUMP | VALUE PERFORMANCE SERIES

ENGINEERED TO MEET THE DEMANDS OF THE COMMERCIAL POOL INDUSTRY

Our commercial Evo CS on/off heat pumps are ideal for sports and leisure centres, aquaculture, agriculture, water parks, hotels, resorts, apartments and office builds.

A tried and trusted commercial pool heater that can save businesses tens of thousands of dollars per year, you can expect efficient and intelligent commercial pool heating.



Dual defrost systems



304 stainless steel cabinet



EEV2 technology



Exclusive tariff + timer system*

C.O.P. up to 5.79

Eco-friendly R410A refrigerant



Built-in timers

Monobloc design



Intelligent digital controller

Quiet operation



Heating, cooling & auto modes

V shaped evaporator



C.O.P. of up to 5.79

Vertical airflow



VALUE PERFORMANCE & LOW OPERATING COSTS

Evo CS series delivers pool heating with exceptional performance, low operating costs & a C.O.P. as high as 5.79.

PRECISION BUILT INTELLIGENT DIGITAL CONTROLLER

Featuring an easy to use, intelligent digital controller that will allow you to maintain your pool temperature to within half a degree of the set point while maintaining optimum heater operating performance.

This controller enables you to predefine different temperatures and control parameters under all conditions ensuring the lowest operation costs.



HEATING & COOLING MODES

The CS series is equipped to automatically heat or cool your pool water based on your set temperature - so you can be sure your pool is always at your desired temperature!

304 STAINLESS STEEL CABINET

The 304 stainless steel cabinet will ensure long term corrosion resistance. Ask us about our optional upgrade to 316 stainless steel.

DUAL DEFROST WITH REVERSE CYCLE & THERMOTEC ELEMENT DEFROST TECHNOLOGY

The dual defrost technology ensures the Evo CS series is defrosting less and heating more often, maximizing the heating capacity in colder weather when its needed the most.

DESIGNED FOR VERY HIGH FLOW RATES AND LOW PRESSURE DROPS

Designed for very high flow rates and low pressure drops, the Evo's CS series can be directly connected to the filtration circuit and pump. This series have much lower resistance which means lower pumping costs even if connected to a pumped side stream configuration.

*AVAILABLE ON CS-GEN2 SERIES

EXCLUSIVE TARIFF & TIMER SYSTEM

The exclusive tariff + timer system allows you to program 4 time zones, and select 2 of these time zones each day. This allows you to run the heater during off peak electricity periods or during the day when its warmer and more efficient to run.

EXCLUSIVE THERMAL OVERLOAD RELAYS*

Our exclusive thermal overload relays are an added layer of protection for the main circuit, they offer reliable protection for motors in the event of overload or phase failure and **EXCEEDS AUSTRALIAN ELECTRICAL STANDARDS.**



MODEL	EVO CS38	EVO CS47	EVO CS57	CS95-GEN2	CS120-GEN2	CS145-GEN2	CS200-GEN2
Heat output at 24°C air/26°C water (kW)	38	47	57	95	120	145	190
Heat output at 15°C air/26°C water (kW)	31.1	39.7	48.1	72.5	103	120	160
Cooling output at 35 °C air/ 30°C water (kW)	21.6	28.2	36	64	80	97	119
C.O.P. at 24° C air	5.3	5.05	5.14	5.49	5.7	5.69	5.79
Power input at 24 deg air (kW)	7.16	9.3	11.1	17.3	21	25.5	32.8
Power supply	380-415/3/50	380-415/3/50	380-415/3/50	380-415/3/50	380-415/3/50	380-415/3/50	380-415/3/50
*Max running current AMPS per phase	13.8	19.1	25.1	40	46	60	80.1
Compressor type	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll
Refrigerant	R410A	R410A	R410A	R410A	R410A	R410A	R410A
PVC water connection (mm)	50	50	50	100mm flange	100mm flange	100mm flange	100mm flange
Water flow rate (L/min)	200	250	325	483	583	1033	1000
Noise dB(A) at 1M	61	61	61	61	62	63	67
Unit dimensions L/W/H (mm)	1490/735/1200	1490/735/1200	1490/735/1200	2170/1070/1920	2175/1070/2030	2175/1070/2030	2180/1070/2060
Weight packed/unpacked (kg)	270/252	300/254	300/260	679/632	694/648	709/664	940/908

*Running current max: 43°C ambient heat /29°C in cooling mode. The data above is based on the EVO heat pump only, it does not include auxiliary devices. Product specification information provided above is correct at the date of printing, this data may change without notice. Please speak with an EvoHeat Specialist for the most current product specifications.

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EVO CS & CS-GEN2 WARRANTY

For further peace of mind the Evo CS & CS-GEN2 heat pump comes with an industry leading warranty:

- 25 years on titanium heat exchanger
- 5 years on compressor
- 2 years on parts
- 1 year on labour



WINNER OF



THE SPECIALISTS IN POOL & SPA HEATING & COOLING

EvoHeat are the industry specialists in energy efficient pool and spa heating and cooling. Australian owned and operated and with more than 15 years' experience in providing tailored domestic and commercial solutions, EvoHeat are the industries' preferred supplier of heat pump water heating technologies.

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