



EVO CS

Commercial swimming pool & spa on/off heat pump

Commercial series



Year round swim season

SWIM EVERYDAY WITH EVOHEAT

EVO CS

Commercial heat pump series



Year round swim season



COMMERCIAL ON/OFF SERIES
Provides reliable and efficient performance to deliver year round pool heating.

HEATING, COOLING & AUTO MODES
Choose from heating, cooling and auto modes to suit your pool temperature preference.

BMS & DTU REMOTE ACCESS
Complete control and visibility over your commercial heat pump with BMS capabilities & DTU remote access.

INTELLIGENT CONTROLLER & TIMERS
Featuring an intelligent digital controller and built-in timers to optimise energy use.

304 STAINLESS STEEL CABINET
Designed with a 304 stainless steel cabinet to ensure long term corrosion resistance.

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.

VALUE PERFORMANCE & LOW OPERATING COSTS

The Evo CS is a commercial on/off heat pump engineered to deliver reliable, year-round pool heating with beneficial energy efficiency. With a C.O.P. of up to 5.79, it provides dependable heating performance while helping to keep operating costs low.



304 STAINLESS STEEL CABINET

304 stainless steel cabinet provides long-term corrosion resistance, with optional upgrade to 316 stainless steel for protection in more demanding environments.



SPECIALISED EPOXY COATING

Designed with a specialised epoxy coating, applied to the condenser fins to protect against corrosion and improve durability.



BMS SUPPORT CAPABILITY

Take full control with remote BMS capability - manage settings, monitor performance, and track data effortlessly. Tailor your Evo CS-i heat pump's operation to meet facility demands, enhancing efficiency and reducing energy use.



KEY FEATURES:

- ▶ ON/OFF heat pump technology
- ▶ Stable performance from -7°C
- ▶ Heating, cooling and automatic modes
- ▶ BMS support capability
- ▶ DTU remote diagnostics
- ▶ LCD touch screen controller
- ▶ Intelligent built-in timers
- ▶ Dual defrost technology
- ▶ Quiet operation
- ▶ Simple operation and installation
- ▶ Eco-friendly R410A refrigerant
- ▶ Vertical air discharge

Slash your operating costs & carbon emissions



REMOTE DIAGNOSTICS

The DTU capability offers valuable remote diagnostics, allowing our service team full system visibility for faster fault diagnosis, reduced downtime, and more efficient repairs - often resolving issues remotely without needing a technician visit.



INTELLIGENT DIGITAL CONTROLLER

Designed with an intelligent digital controller, you can maintain your water temperature to within 0.5 of a degree while maximising optimum heater operating performance.



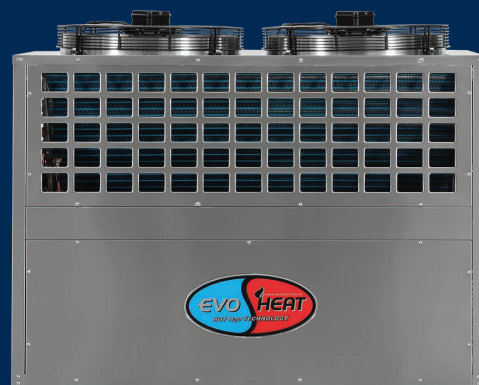
DUAL DEFOST TECHNOLOGY

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

EVO CS WARRANTY

For further peace of mind the Evo CS comes with an industry leading warranty:

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



PERFORMANCE DATA			
MODEL	CS38	CS47	CS57
Performance Conditions: air at 27°C/ water 26°C			
Heating capacity (kW)	41	51	61.30
Power input (kW)	7.35	9.59	11.33
C.O.P.	5.58	5.32	5.41
Performance Conditions: air at 15°C/ water 26°C			
Heating capacity (kW)	31.1	39.7	48.1
Power input (kW)	6.9	9.13	10.4
C.O.P.	4.5	4.34	4.61
Performance Conditions: air at 35°C/ Water 30°C			
Cooling capacity (kW)	21.6	28.2	36
Power input (kW)	7.9	10.1	13.5
E.E.R.	2.7	2.8	2.7
TECHNICAL DATA			
Temperature settings	MIN 8°C - MAX 38°C		
Power supply	380~415V/3/50Hz		
Max current per phase (amps)	13.8	19.12	25.1
Power input (kW) at 24°C	7.16	9.3	11.1
Compressor type	Scroll	Scroll	Scroll
Heat exchanger type	Twisted tube in shell	Twisted tube in shell	Twisted tube in shell
Connection type	Hard wired	Hard wired	Hard wired
Fan quantity	2	2	2
Noise dB(A) at 1M	61	61	61
Refrigerant gas	R410A	R410A	R410A
PVC water connection (mm)	50mm	50mm	50mm
Water flow volume (L/min)	200	250	325
Design water pressure drop (kPa)	25	25	25
Net dimensions L/W/H (mm)	1490/735/1200	1490/35/1200	140/35/1200
Net weight (kg)	252	254	260

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.



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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