



# EVO CS-i

Commercial swimming pool & spa inverter heat pump

Commercial inverter series



Year round swim season

**SWIM EVERYDAY WITH EVOHEAT**

# EVO CS-i

Commercial inverter series



Year round swim season

Our award winning Evo CS-i commercial inverter heat pump is ideal for aquatic facilities, sports and leisure centres, water parks, apartments, resorts and hotels - there is no job too big for the Evo CS-i series!



**COMMERCIAL INVERTER SERIES**  
Provides reliable and powerful performance to deliver exceptional commercial pool heating performance.

**POWER BOOST MODE**  
Boosts the heating capacity, resulting in faster heat-up times & efficient heat recovery.

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

**INTELLIGENT CONTROLLER & TIMERS**  
Featuring a cutting-edge colour touchscreen 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.



**EFFICIENCY RATING**  
**UP TO 16.1 COP**  
**SUPERIOR**

## FORMIDABLE PERFORMANCE UP TO 300kW

The Evo CS-i is engineered to meet the rigorous demands of commercial pool heating with exceptional reliability and efficiency. Equipped with advanced full inverter heat pump technology and exclusive smart features - including power boost mode, BMS integration (Building Management System), remote diagnostics, intelligent controls, and built-in timers - the Evo CS-i provides consistent, year-round performance. Enjoy ultra-quiet operation while significantly reducing CO2 emissions and pool heating operating costs, making the Evo CS-i the ideal choice for sustainable, cost-effective commercial applications.

## LATEST STEPLESS DC FULL INVERTER TECHNOLOGY

Incorporating the latest full inverter technology - including DC stepless variable speed compressors, fans, and PC boards; the CS-i series will automatically adjust its power and electricity consumption based on the exact requirements of the pool. This ensures the pool reaches the desired temperature faster, and is maintained more efficiently.



### COMMERCIAL INVERTER SERIES

Designed with the latest full inverter technology and exclusive smart features, the Evo CS-i delivers reliable, year round performance with the lowest operating costs and ultra quiet operation.



### POWER BOOST MODE

Ideal for commercial applications, the Power Boost mode delivers increased heating capacity on demand, allowing for faster heat-up times and efficient heat recovery.



### 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.



304 stainless steel

304

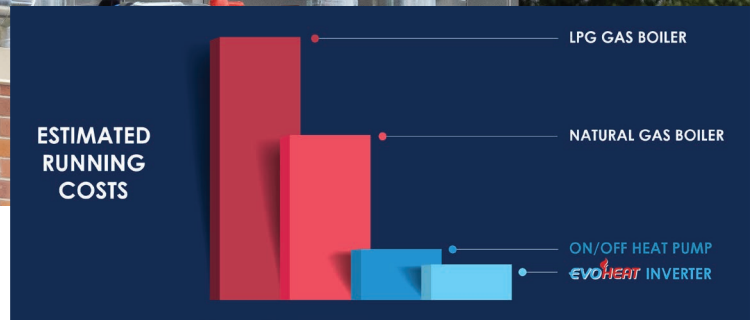
304 STAINLESS STEEL CABINET



ULTRA QUIET OPERATION & SILENT MODE



ECO FRIENDLY & SAFE REFRIGERANT



### KEY FEATURES:

- ▶ Full stepless inverter technology
- ▶ Stable performance from -15°C
- ▶ Heating, cooling and automatic modes
- ▶ BMS support capability
- ▶ DTU remote diagnostics
- ▶ Power boost mode
- ▶ Colour LCD touch screen controller
- ▶ Intelligent built-in timers
- ▶ 304 stainless steel cabinet or upgrade to 316 stainless steel
- ▶ Dual defrost technology
- ▶ Ultra quiet performance & silent mode
- ▶ Simple operation and installation
- ▶ Eco-friendly R410A refrigerant
- ▶ Vertical air discharge

## Slash your operating costs & carbon emissions: Evo CS-i



### 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.



### COLOUR TOUCHSCREEN CONTROLLER

Designed with a cutting edge, intelligent colour LCD touchscreen controller, you can maintain your water temperature to within 0.1 of a degree while maximising optimum heater operating performance.



### DUAL DEFROST TECHNOLOGY

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

# EVO CS-i WARRANTY

For further peace of mind the Evo CS-i 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	Evo CS-i 65	Evo CS-i 130	Evo CS-i 250
Performance Conditions: air at 27°C/ water 26°C			
Heating capacity (kW)	12.20~65	28.2~130	60.70~246
Consumed power (kW)	0.76~10.65	1.76~20.97	4.10~43.95
C.O.P.	16.1~6.1	15.64~5.73	14.8~5.6
Performance Conditions: air at 15°C/ water 26°C			
Heating capacity (kW)	9.60~50.10	22.20~100	48.6~186
Consumed power (kW)	1.96~5.96	2.61~20.41	6~40.88
C.O.P.	8.40~4.91	8.50~4.90	8.10~4.55
Performance Conditions: air at 35°C/ Water 30°C			
Cooling capacity (kW)	15~30.20	59.40~73.40	88.90~128.40
Consumed power (kW)	2.94~7.37	13.81~13.85	16.53~29.86
E.E.R.	5.10~4.10	5.30~4.30	5.38~4.30
TECHNICAL DATA			
Power supply	380-415/3/50	380-415/3/50	380-415/3/50
Max current per phase (amps)	21	37.7	90
Max current per phase (amps) in boost mode	26.3	46.1	105.5
Connection type	Hardwired	Hardwired	Hardwired
Fan quantity	2	2	2
Fan speed (RPM)	500-700	500-850	600-700
Noise dB(A) at 1M	41-60	42-63	59-70
Noise dB(A) at 1M in silent mode	41	42	59
Refrigerant gas		R410A	
PVC Water connection (mm)	50mm	100mm flange	100mm flange
Water flow volume (L/min)	458	883	1000
Max water pressure drop (kPa)	15	25	30
Net dimensions L/W/H (mm)	1735/843/1738	2260/1177/2182	2540/1330/2430
Net weight (kg)	358	659	1015

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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WINNER

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