



EVO CSI-E

Commercial swimming pool & spa inverter heat pump

Commercial inverter series



Year round swim season

SWIM EVERYDAY WITH EVOHEAT

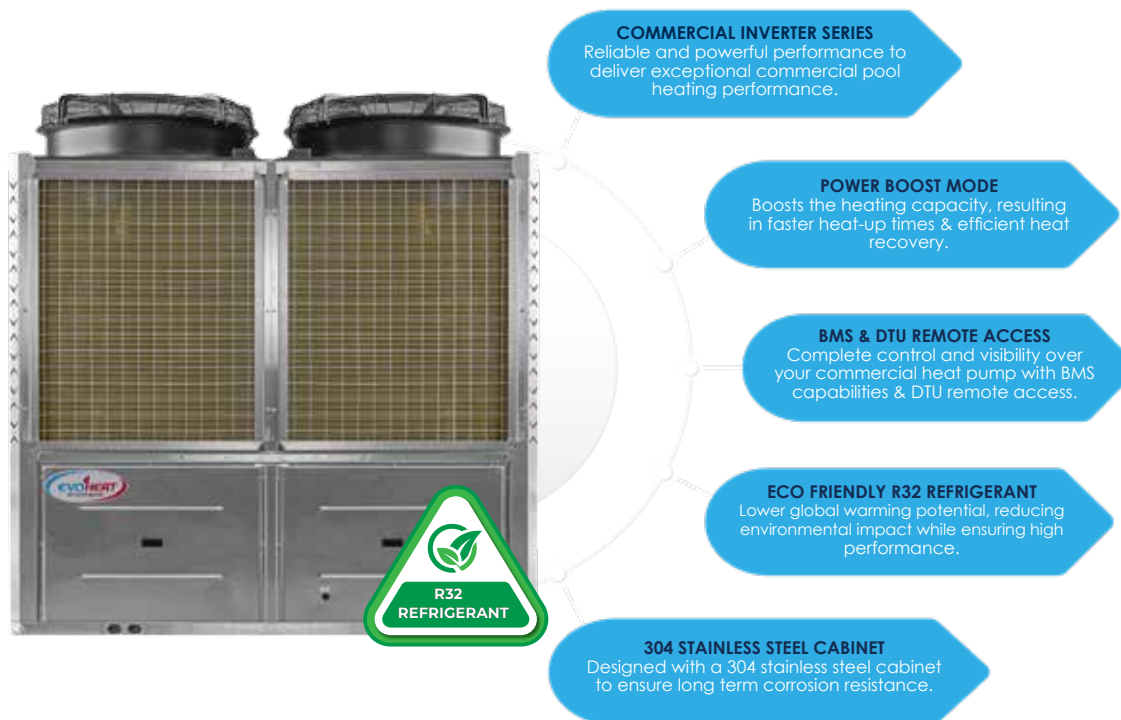
EVO CSi-E

Commercial inverter series



Year round swim season

Our Evo CSi-E 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 CSi-E series!



FORMIDABLE PERFORMANCE UP TO 175kW

The Evo CSi-E 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 R32 refrigerant, BMS integration (Building Management System), remote diagnostics, intelligent controls, and built-in timers - the Evo CSi-E provides consistent, year-round performance. Enjoy ultra-quiet operation while significantly reducing CO2 emissions and pool heating operating costs, making the Evo CSi-E 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 CSi-E series will automatically adjust it's 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 CSi-E delivers reliable, year round performance with the lowest operating costs and ultra quiet operation.



R32 REFRIGERANT

Designed with R32 refrigerant, which offers a lower global warming potential, this system reduces environmental impact while ensuring optimal performance and efficiency.



BMS SUPPORT CAPABILITY

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



304

304 STAINLESS STEEL CABINET



ULTRA QUIET OPERATION & SILENT MODE



R32 ECO FRIENDLY & SAFE REFRIGERANT



KEY FEATURES:

- ▶ Full stepless inverter technology
- ▶ Eco-friendly R32 refrigerant
- ▶ Stable performance from -15°C
- ▶ Dual defrost technology
- ▶ 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
- ▶ Heating, cooling and automatic modes
- ▶ Ultra quiet performance & silent mode
- ▶ Simple operation and installation
- ▶ Vertical air discharge

Slash your operating costs & carbon emissions: Evo CSI-E



REMOTE DIAGNOSTICS

Our DTU technology unlocks remote diagnostics, allowing our service team visibility of the system in real time. The result? Faster fault identification, reduced downtime, system optimisation, and more intelligent support - often delivering seamless resolutions remotely without requiring onsite attendance.



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 CSI-E series is defrosting less and heating more often, maximising the heating capacity in colder weather when its needed the most.

EVO CSI-E WARRANTY

For further peace of mind the Evo CSI-E 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 CSI-E 70	Evo CSI-E 150
Performance Conditions: air at 27°C/ water 26°C		
Heating capacity (kW)	15.1~69.7	33.4~153.0
Consumed power (kW)	0.91~12.75	2.76~24.4
C.O.P.	14.84~6.7	19.76~7.31
Performance Conditions: air at 15°C/ water 26°C		
Heating capacity (kW)	11~51.1	25.0~116.2
Consumed power (kW)	1.47~12.45	2.44~23.75
C.O.P.	7.5~4.9	7.7~4.91
Performance Conditions: air at 35°C/ Water 30°C		
Cooling capacity (kW)	28	87.0
Consumed power (kW)	2.0~11.2	11.03~20.68
C.O.P.	2.5	2.5
TECHNICAL DATA		
Power supply	380~415V/3/50Hz	
Max current per phase (amps)	19	39.2
Max current per phase (amps) in boost mode	19	40.9
Compressor type	Rotary	Rotary
Heat exchanger type	Twisted tube in shell	Twisted tube in shell
Electrical connection	Hardwired	Hardwired
Fan quantity	1	2
Fan speed (RPM)	650~750	500~700
Noise dB(A) at 3M	58	61.5
Noise dB(A) at 10M	48	52
Refrigerant gas	R32	
PVC Water connection (mm)	50mm	100m Flange
Water flow volume (L/min)	446	883
Max water pressure drop (kPa)	33.7	37
Net dimensions L/W/H (mm)	1200 x 980 x 1900	2170 x 1160 x 2130
Net weight (kg)	300	603

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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