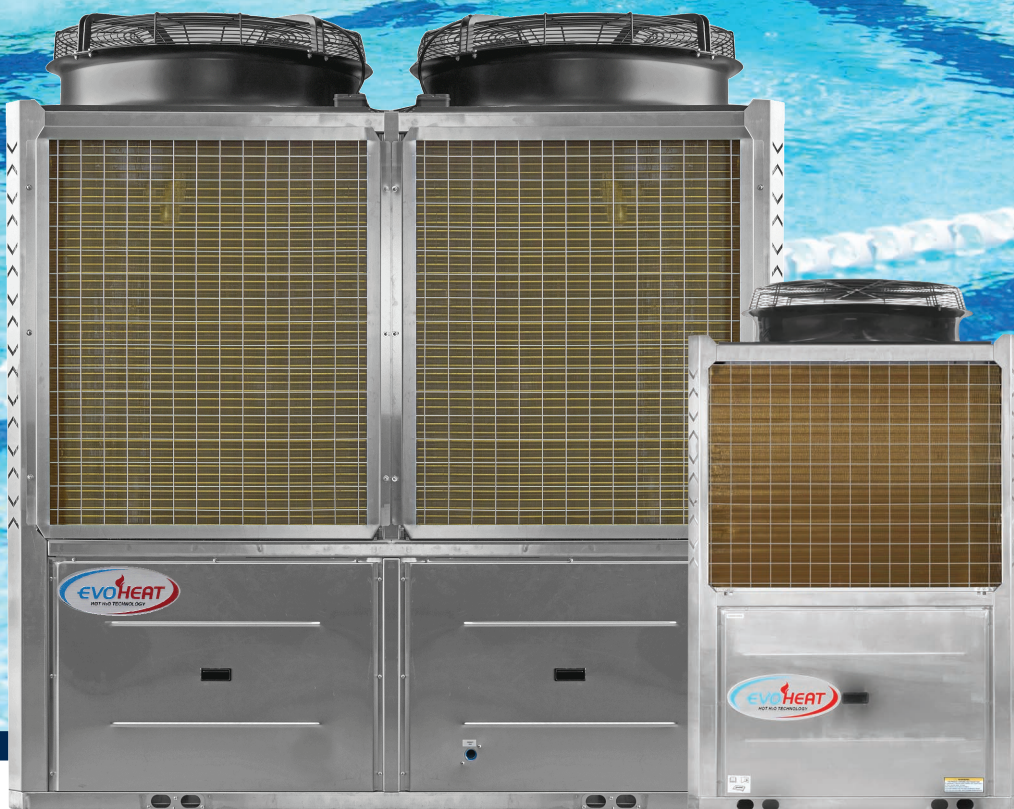




EVO COMMERCIAL INVERTER

Commercial pool & spa inverter heat pumps

Commercial inverter series



Year-round swim season

SWIM EVERYDAY WITH EVOHEAT



EVO COMMERCIAL INVERTER

Commercial inverter series



Year-round swim season



COMMERCIAL INVERTER SERIES

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 & 4G CLOUD CONNECT

Complete control and visibility over your commercial heat pump with BMS capabilities & 4G Cloud Connect.

ECO-FRIENDLY REFRIGERANT

Lower global warming potential, reducing environmental impact while ensuring high performance.

304 STAINLESS STEEL CABINET

Designed with a 304 stainless steel cabinet to ensure long-term corrosion resistance.

FORMIDABLE PERFORMANCE UP TO 300kW

EvoHeat's commercial inverter heat pump range 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 BMS integration (Building Management System), 4G Cloud Connect, remote diagnostics, intelligent controls, and built-in timers - the Evo commercial inverter series provides consistent, year-round performance.

Enjoy ultra-quiet operation while significantly reducing CO₂ emissions and pool heating operating costs, making EvoHeat 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; EvoHeat's commercial 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, EvoHeat delivers reliable, year-round performance with the lowest operating costs and ultra-quiet operation.



R32 ECO-FRIENDLY REFRIGERANT

The CSI-E 70 & 150 are designed with R32 eco-friendly refrigerant, offering a lower global warming potential, reducing the environmental impact while ensuring optimal performance and efficiency. (Evo CSI 250 uses R410A)



BMS SUPPORT CAPABILITY

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



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
- ▶ Dual defrost technology
- ▶ BMS support capability
- ▶ 4G cloud connect
- ▶ Power boost mode
- ▶ Eco-friendly refrigerant
- ▶ Colour LCD touchscreen 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



4G CLOUD CONNECT

Control and monitor your Evo commercial pool heat pump anytime, anywhere with the 4G Cloud Connect. The built-in SIM card connects automatically to a cellular network - no pairing, no hassles! *2 years data included



ADVANCED 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 Commercial Inverter series is defrosting less and heating more often, maximising the heating capacity in colder weather when it's needed the most.

EVO COMMERCIAL WARRANTY

For further peace of mind, the Evo Commercial Series 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	CS-I 250
Performance Conditions: air at 27°C / water 26°C			
Heating capacity boost mode (kW)	77.20	173.10	292.00
Heating capacity (kW)	15.10~69.70	33.40~153.00	60.68~246
Power input (kW)	1.02~10.61	1.69~20.93	4.10~43.95
C.O.P.	14.84~6.57	19.76~7.31	14.80~5.60
Performance Conditions: air at 15°C / water 26°C			
Heating capacity boost mode (kW)	57.00	130.00	225.00
Heating capacity (kW)	11~51.1	25.0~116.2	48.60~186.00
Power input (kW)	1.47~10.43	3.25~23.67	6.00~40.88
C.O.P.	7.5~4.9	7.7~4.91	8.10~4.55
Performance Conditions: air at 35°C / Water 30°C			
Cooling capacity (kW)	13.00~28.00	59.00~87.00	88.90~128.40
Power input (kW)	3.06~11.2	11.30~20.68	16.53~29.86
E.E.R.	4.25~2.5	5.21~4.20	5.38~4.30
TECHNICAL DATA			
Temperature settings	MIN 8°C - MAX 38°C		
Power supply	380~415V/3/50Hz		
Max current per phase (amps)	18.05	39.2	89
Max current per phase (amps) in boost mode	19	40.9	100.5
Rated power input (kW)	12.34	30	62.5
Compressor type	Rotary	Rotary	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	1	2	2
Max flow volume (m3/h)	11000	20000	54000
Noise dB(A) at 1M	63	64	70
Noise dB(A) at 1M silent mode	52	53	59
Noise dB(A) at 10M	45	46	53
Refrigerant gas	R32 	R32 	R410A
PVC water connection (mm)	50mm	100mm Flange	100mm Flange
Water flow volume (L/min)	446	883	1,000
Max water pressure drop (kPa)	33.7	37	30
Net dimensions L/W/H (mm)	1200/980/1900	2198 / 1178 / 2128	2540 / 1330 / 2430
Net weight (kg)	300	603	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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