



SWIM EVERYDAY WITH EVOHEAT

FUSION-i
SWIMMING POOL & SPA HEAT PUMP
SELECT PERFORMANCE SERIES

 **EVOTECH INVERTER**



PRODUCT  REVIEW **2022 AWARDS**  **WINNER**

Rated 06.12.2021



DOMESTIC

FUSION-i

SWIMMING POOL & SPA INVERTER HEAT PUMP

SELECT PERFORMANCE SERIES



EXTEND YOUR SWIM SEASON WITH MINIMAL RUNNING COSTS

The award winning Evo Fusion-i heat pump is the ideal choice for recreational pool & spa owners looking to extend their swim season with minimal running costs. Designed with the latest technology including stepless full DC inverter compressors, fans, and control systems – the Evo Fusion-i is the energy efficient and environmentally friendly way to enjoy a longer swim season. With more features as standard, like the intelligent touch screen controller and built in timers, the Evo Fusion-i is the smarter alternative for those considering gas, solar thermal or electric element heating.

FRIENDLY TO THE ENVIRONMENT AND YOUR POCKET!

- Auto defrost**
- Robust ABS cabinet**
- Eco-friendly R32 refrigerant**
- Built in timers**
- Easy installation & compact footprint**
- Easy to use LCD touch screen controller**
- Extremely energy efficient C.O.P. up to 12.57**
- Quiet operation**
- Horizontal airflow**
- Heating, cooling & auto modes**
- Latest full stepless inverter technology**
- Ideal to work with solar PV**

Guaranteed stable performance from -7°C air



EXCEPTIONAL PERFORMANCE & LOW OPERATING COSTS - Evo Fusion-i series delivers pool heating with exceptional performance, low operating costs & a C.O.P. as high as 12.57. Combine your Evo Fusion-i pool heat pump with a pool blanket &/or your solar PV for the ultimate energy efficient pool heating!

LATEST STEPLESS DC FULL INVERTER TECHNOLOGY - incorporating the latest full inverter technology - including DC stepless compressors, fans, and PC boards; the Fusion-i range will automatically adjust it's power and electricity consumption based on the exact requirements of your pool. This ensures your pool reaches the desired temperature faster, and is maintained more efficiently - **SAVING YOU ON YOUR HOUSEHOLD ENERGY BILL.**

TOUCHSCREEN CONTROLLER - designed with an intelligent LCD touch screen controller, you can easily increase or decrease water temperatures and switch between heating and cooling modes.

HEATING & COOLING MODES - the Fusion-i 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!

VERY QUIET OPERATION - our low noise fan blades ensures minimal operating noise which is ideal for you and your neighbours!

AUTOMATIC DEFROST - designed with a four-way valve reverse defrost method, the Fusion-i series provides automatic defrosting and allows the heat pump to work efficiently in ambient air temperatures as low as -7°C.

TITANIUM HEAT EXCHANGER - the titanium thread heat exchanger ensures maximum heat transfer with the ultimate corrosion resistance, improving the heat transfer efficiency by up to 30% compared to standard heat exchangers.

ELECTRONIC EXPANSION VALVE 2 TECHNOLOGY - Electronic Expansion Valve 2 Technology is the absolute latest and the best possible refrigeration control system available in the market today. This results in higher C.O.P. and improved efficiency of up to 20% compared to other commercial heater brands.

LATEST CORROSION PROTECTION TECHNOLOGY - the bluetec hydrophilic coating on the condenser fins is the latest technology in corrosion protection allowing your heat pump to maintain its high efficiency for many years to come.

OPTIONAL UPGRADE: control your EVO Fusion-i pool heat pump anytime, anywhere with the smart Wi-Fi control. Available for iOS and Android, the smart phone controller app offers you an easy and convenient way to monitor and control your pool temperature.



ENERGY EFFICIENT



EVOTECH INVERTER



INTELLIGENT CONTROLLER



QUIET OPERATION



HEATING & COOLING



LATEST TECHNOLOGY



Wi-Fi CONTROL

MODEL	Evo Fusion-i 7	Evo Fusion-i 9	Evo Fusion-i 12	Evo Fusion-i 16	Evo Fusion-i 19
Heat output at 27°C air/26°C water (kW)	7.24	9.00	11.66	16.00	18.70
Heat output at 15°C air/26°C water (kW)	5.64	7.00	8.62	12.60	14.00
Cooling output at 35°C air/30°C water (kW)	3.35	4.22	5.01	8.52	10.21
C.O.P. at 27°C air	12.13-5.66	12.39-5.84	12.57-5.84	10.83-5.50	10.94-5.12
Consumed power (kW)	0.15-1.28	0.18-1.54	0.16-2.00	0.30-2.91	0.32-3.65
Power supply	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50
Max current (amps) per phase	6.4	8.4	10.9	16.6	17.5
Connection type	10amp	10amp	15amp	hard wired	hard wired
Fan quantity	1	1	1	1	1
Fan speed (RPM)	400-700	400-800	400-800	400-750	400-750
Noise dB(A) at 1M	38-50	39-51	42-53	43-54	43-55
Noise dB(A) at 1M in silence mode	39	41	43	44	44
Refrigerant gas	R32	R32	R32	R32	R32
PVC Water connection (mm)	40	40	40	40	40
Water flow volume (L/min)	40	50	60	90	100
Water pressure drop (max) kPa	2	3	4	5	5
Net dimensions L/W/H (mm)	1004/418/605	1004/418/605	1004/418/605	1046/453/765	1161/490/862
Net weight (kg)	42	45	46	66	70

*Heating: 27°C air / water 26°C / humid 80% * 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.



EVO FUSION-i WARRANTY

For further peace of mind the EVO Fusion-i heat pump comes with an industry leading warranty:

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



Rated 06.12.2021



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.

Evo Industries Australia
 Head Office
 18 Hasp St, Seventeen Mile Rocks
 QLD 4073
 Ph: 1300 859 933

Evo Industries Singapore
 11 Beach Road
 #03-01 Crasco Building
 Singapore 189675
 Ph: +65 3157 9184

info@evoheat.com.au | evoheat.com.au

