



**Pool too cold to swim? TURN UP THE EVOHEAT**

**FORCE-i**  
SWIMMING POOL & SPA HEAT PUMP  
HIGH PERFORMANCE SERIES



EVOTECH INVERTER





DOMESTIC

# FORCE-i

SWIMMING POOL & SPA INVERTER HEAT PUMPS

HIGH PERFORMANCE SERIES



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## INTRODUCING THE MOST EFFICIENT YEAR-ROUND POOL HEATER AVAILABLE

The Evo Force-i series heat pump is our high performance pool and spa inverter heat pump that provides year round pool heating with the lowest running costs. Designed with the latest stepless full DC inverter compressors, fans, and control systems – all working in perfect harmony to provide optimized heating and cooling with the lowest operating costs. With higher performances, lower noise levels, and more features as standard; the Evo Force-i is the most energy efficient & environmentally friendly year round pool heater available.

## FRIENDLY ON THE ENVIRONMENT & YOUR POCKET



WITH WI-FI CONTROL



### KEY FEATURES

- » Extremely energy efficient, C.O.P. up to 16.28
- » Latest full stepless inverter technology
- » Available in 7 models, 9kW to 28kW
- » Heating and cooling capability
- » Built-in timers
- » Intelligent colour LCD touchscreen controller
- » Wi-Fi control
- » Quiet operation
- » Robust ABS cabinet
- » Eco-friendly and safe R32 refrigerant
- » Automatic defrost system
- » Horizontal front discharge air flow
- » Simple installation
- » Sleek design
- » Small footprint, ideal for tight installations
- » Guaranteed stable performance from -15°C air
- » Ideal to work with solar PV panels



**EXCEPTIONAL PERFORMANCE & LOW OPERATING COSTS** - Evo Force-i series delivers pool heating with exceptional performance, low operating costs & a C.O.P. as high as 16.28+. Combine your Evo Force-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 Force-i range will automatically adjust its 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.**

**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.

**WI-FI CONTROL** - control your Evo Force-i pool heat pump anytime, anywhere with the smart Wi-Fi controller app. Available for iOS and Android, the smart phone controller app offers you an easy and convenient way to monitor and control your pool temperature.

**HEATING & COOLING MODES** - the Force-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 Force-i series provides automatic defrosting and allows the heat pump to work efficiently in ambient air temperatures as low as -15°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.



**ENERGY EFFICIENT**



**EVOTECH INVERTER**



**COLOUR TOUCHSCREEN**



**Wi-Fi CONTROL**



**QUIET OPERATION**



**HEATING & COOLING**



**LATEST TECHNOLOGY**

| MODEL                                      | Evo Force-i 9     | Evo Force-i 12    | Evo Force-i 17    | Evo Force-i 19    | Evo Force-i 24    | Evo Force-i 28-3  |
|--|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Heat output at 27°C air/26°C water (kW)    | 9                 | 12                | 17                | 19.5              | 24.2              | 28.3              |
| Heat output at 15°C air/26°C water (kW)    | 7.4               | 9.7               | 12.4              | 15.4              | 19.9              | 23.3              |
| Cooling output at 35°C air/30°C water (kW) | 4.5               | 6.4               | 8.6               | 10.5              | 14.2              | 16.5              |
| <b>C.O.P. at 27°C air</b>                  | <b>16.13~6.76</b> | <b>16.28~6.79</b> | <b>15.71~6.76</b> | <b>16.16~6.19</b> | <b>16.11~6.05</b> | <b>16.13~6.10</b> |
| Consumed power (kW)                        | 0.33~1.33         | 0.18~1.77         | 0.24~2.52         | 0.28~3.15         | 0.35~4.00         | 0.42~4.64         |
| Power supply                               | 230/1/50          | 230/1/50          | 230/1/50          | 2230/1/50         | 230/1/50          | 400/3/50          |
| Max current (amps) per phase               | 9.3               | 12.1              | 14.7              | 18.7              | 24.1              | 11.7              |
| Connection type                            | 10amp             | 15amp             | hard wired        | hard wired        | hard wired        | hard wired        |
| Fan quantity                               | 1                 | 1                 | 1                 | 1                 | 2                 | 2                 |
| Fan speed (RPM)                            | 400-800           | 400-800           | 500-750           | 500-900           | 400-800           | 400-900           |
| Noise dB(A) at 1M                          | 40-50             | 42-52             | 44-53             | 45-56             | 46-57             | 48-58             |
| Noise dB(A) at 1M in silence mode          | 40                | 42                | 44                | 45                | 46                | 48                |
| Refrigerant gas                            | R32               | R32               | R32               | R32               | R32               | R32               |
| PVC Water connection (mm)                  | 40                | 40                | 40                | 40                | 40                | 40                |
| Water flow volume (L/min)                  | 60                | 80                | 90                | 110               | 150               | 160               |
| Water pressure drop (max) kPa              | 4                 | 4.5               | 5                 | 6                 | 11                | 15                |
| Net dimensions L/W/H (mm)                  | 1046/453/768      | 1046/453/768      | 1161/490/862      | 1161/490/862      | 1161/490/1274     | 1161/490/1274     |
| Net weight (kg)                            | 52                | 58                | 69                | 90                | 111               | 120               |

\* Performance condition: 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 FORCE-i WARRANTY

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

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



WINNER OF THE



## THE SPECIALISTS IN POOL AND SPA HEATING

EvoHeat are 100% Australian owned and operated company and are the industry specialists in pool and spa heat pumps. For over a decade we've been building a solid reputation for pool and spa heating products that are renowned for reducing your energy bills and delivering reliability.

Our exclusive pool heaters are durable and utilise cutting edge components sourced from leading brand manufacturers around the world. EvoHeat only specialise in heat pump technology and are constantly developing and improving our heating applications to ensure we offer you the best in the market.

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