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# Product Introduction (Brief)

Introducing the Evo Apex pool and spa inverter heat pump, featuring a leading Coefficient of Performance (C.O.P.) of up to 20 for energy-efficient heating. With Turbo Heat mode, it heats up faster and maintains temperature efficiently, reducing your pool heating running costs. Enjoy convenient features like Wi-Fi control, an intuitive controller, and intelligent timers. Operating quietly, the Evo Apex ensures a tranquil and perfectly heated pool year-round.

# Product Introduction (Extensive)

Introducing the Evo Apex pool and spa inverter heat pump – boasting an industry leading Coefficient of Performance (C.O.P.) of up to 20, it’s engineered to provide energy-efficient heating for your pool or spa.

Experience unmatched heating efficiency with Turbo Heat mode. Our Turbo Heat mode significantly enhances the heat pumps standard heating capacity, providing faster heat-up times and improved heat recovery. Once your pool reaches the desired temperature, the Evo Apex heat pump operates efficiently, maintaining the temperature at an average capacity of just 30%. This ensures your pool stays perfectly heated with minimal operating costs.

Enjoy the convenience of premium features like Wi-Fi control, Amazon Alexa compatibility, an intuitive controller, and intelligent timers, simplifying your pool heating management. Operating with minimal noise, the Evo Apex ensures a tranquil pool environment while providing reliable year round heating.

# Product Features (Brief)

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| * Extremely energy efficient, C.O.P. up to 20 * Full stepless DC inverter technology * Turbo, Smart & Silent Modes * Built-in timers * Bluetooth and Wi-Fi control * Ultra quiet operation | * Automatic defrost system * Sleek black design * R32 refrigerant * Front air discharge * Amazon Alexa compatible * Ideal to work with Solar PV |

# Product Features (Extensive)

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| **Exceptional Energy Efficiency** | Featuring an industry-leading Coefficient of Performance (C.O.P.) of up to 20, the Evo Apex ensures maximum energy efficiency, significantly reducing operating costs. |
| **Voice Control with Amazon Alexa** | The Evo Apex heat pump supports Alexa voice control for convenient hands-free operation. Adjust settings, switch modes, and control temperatures seamlessly through your Alexa-enabled device. Enjoy enhanced smart home integration with ease. |
| **Turbo, Smart & Silent Performance Modes** | Our Turbo Heat mode significantly boosts the heating capacity, allowing for faster initial heat-up times or quicker heat recovery. Smart Mode provides balanced heating with intelligent energy optimisation, while Silence Mode operates quietly at a reduced capacity, ideal for nighttime use. |
| **Integrated Wi-Fi Control** | Seamlessly control and monitor your heat pump from anywhere using the smartphone app, available for both iOS and Android devices. |
| **Intelligent Touchscreen Controller** | Maintain your pool’s temperature with the intuitive and easy-to-use controller that continuously monitors and manages power consumption in real-time. |
| **Heating & Cooling Capabilities** | Equipped to both heat and cool your pool, ensuring your water is always at the perfect temperature, regardless of the season. |
| **Ultra Quiet Operation** | Operates with minimal noise, emitting as low as 37.7dB(A), ensuring a serene swimming experience for you and your neighbours. |
| **Intelligent Built-In Timers** | Govern when and how long your Evo heat pump operates, allowing you to take advantage of lower energy rates or your own solar energy production. |
| **Ideal for Solar PV Systems** | Perfectly complements solar PV systems, amplifying energy savings and providing additional environmental benefits by using renewable energy sources. |
| **Industry Leading Warranty** | For further peace of mind – the Evo Apex is backed with an industry leading warranty. |

# Data Table (Brief)

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|  |  | **Apex 11** | **Apex 14** | **Apex 18** | **Apex 22** | **Apex 26** | **Apex 31** | **Apex 40** |
| Heating Output (26°C air/26°C water) | **kW** | 11 | 13.5 | 18 | 21.5 | 26 | 31.5 | 40 |
| Heating Output (15°C air/26°C water) | **kW** | 7.3 | 9 | 12 | 14.5 | 18 | 22 | 28.5 |
| Cooling Output (35°C air/28°C water) | **kW** | 5 | 6.3 | 10 | 11.3 | 13 | 15 | 19.5 |
| C.O.P at 26°C Air |  | 20~7.3 | 19.6~7.5 | 19.2~7.1 | 20.5~7.2 | 20.3~7.2 | 19.6~7.4 | 19.8~7.2 |
| Power Supply |  | 220-240/1/50 | 220-240/1/50 | 220-240/1/50 | 220-240/1/50 | 220-240/1/50 | 220-240/1/50 | 380-415/3/50 |
| Max. Current per Phase | **A** | 10 | 12.5 | 16.5 | 18.5 | 20.5 | 24 | 12.5 |
| Connection Type |  | 15amp | 15amp | Hardwired | Hardwired | Hardwired | Hardwired | Hardwired |
| Fan Quantity |  | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Fan Speed | **RPM** | 400-800 | 500-800 | 500-800 | 400-800 | 400-800 | 400-700 | 400-720 |
| Noise at 1m | **dB(A)** | 37.7-44.8 | 37.8-45.9 | 41.5-47.3 | 41.9-49.5 | 39.7-49.8 | 42.1-50.3 | 41.5-50.5 |
| Refrigerant |  | R32 | R32 | R32 | R32 | R32 | R32 | R32 |
| PVC Water Connection | **mm** | 40 | 40 | 40 | 40 | 40 | 40 | 40 |
| Water Flow Volume | **L/min** | 50 | 58.3 | 83.3 | 125 | 150 | 183.3 | 250 |
| Water Pressure Drop (Max) | **kPa** | 4 | 5 | 7 | 8 | 12 | 16 | 22 |
| Net Dimensions (LxWxH) | **mm** | 910 x 432 x 660 | 945 x 432 x 660 | 1045 x 432 x 660 | 1195 x 432 x 760 | 1072 x 536 x 956 | 1264 x 536 x 956 | 1364 x 536 x 956 |
| Net Weight | **kg** | 63 | 65 | 73 | 82 | 100 | 122 | 147 |

# Warranty

For further peace of mind EvoHeat offer an industry leading warranty of 30 years on the Apex titanium heat exchanger, 10 years on compressors, 3 years on all parts and 1 year on site labour. EvoHeat have a comprehensive network of specialist service agents nationally to ensure maximum equipment uptime. Spare parts are kept in stock in the extremely unlikely event that they are required.

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| **SERIES** | **TITANIUM HEAT EXCHANGER** | **COMPRESSORS** | **PARTS** | **ON-SITE LABOUR** |
| Evo Apex | 30 years | 10 years | 3 years | 1 year |