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# Product Introduction (Brief)

Designed for peak performance in colder climates, the Evo Dynamic-i Pro series brings commercial-grade heating power to your backyard. This high-performance inverter heat pump provides a reliable, energy-efficient solution for pool or spa heating, keeping your water at the perfect temperature all year round. Its stylish design, with top air discharge makes it ideal for compact or confined installation spaces.

# Product Introduction (Extensive)

Packed with premium features like stepless full DC inverter technology, solar smart mode, Wi-Fi control, an intuitive full-colour touch screen controller, and a sleek stainless steel cabinet, the Dynamic-i Pro combines energy efficiency, durability, and style in one powerful system. Its top air discharge design adds installation flexibility, making it ideal for confirmed and limited installation spaces.

Whether you’re extending your swim season or maintaining perfect water conditions, the Evo Dynamic-i Pro series delivers cutting-edge technology with superior performance and value – bringing the power of commercial-grade heating to your backyard.

# Product Features (Brief)

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| * Extremely energy efficient, C.O.P. up to 16.3 * Cold climate performance * Heating and cooling capability * Latest cutting edge, intelligent full colour touch screen controller * Wi-Fi control * 304 stainless steel cabinet * Built in operational timer | * Remote Assist functionality * Solar Smart Optimisation * Eco-friendly R32 refrigerant * Easy installation * Vertical discharge air flow * Guaranteed stable performance from -15 degrees * Ideal to work with solar PV |

# Product Features (Extensive)

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| --- | --- |
| **Ideal For Cold Climate Performance** | The reliable and powerful Evo Dynamic-i Pro delivers exceptional cold-climate performance. Its dual defrost technology allows the heat pump to operate in climates as low as -15°C. |
| **Space Saving Design with Top Air Discharge** | The top air discharge design adds installation flexibility, making it ideal for compact or confined installation spaces. |
| **Latest Stepless DC Full Inverter Technology** | Designed with the latest full inverter technology – including DC stepless compressors, fans, and PC boards; the Dynamic-i Pro 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. |
| **Exceptional Performance** | The Evo Dynamic-i Pro delivers pool heating through exceptional performance at the lowest costs with a C.O.P of up to 16.3 |
| **Solar Smart Mode** | With our advanced Solar Smart mode, you can program multiple daily timers and performance parameters, allowing you to harness free energy from the sun and lower your heating costs. |
| **Heating, Cooling & Automatic Modes** | The Dynamic-i Pro 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. |
| **Cutting Edge Touchscreen Controller** | The Evo Dynamic-i Pro features a cutting edge, intelligent touch screen LCD controller allowing full programmability. Maintain your water temperature to within 0.1 of a degree while maximising optimum heater operating performance. |
| **Wi-Fi Control** | Control your Evo 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. |
| **Intelligent Built In Timers** | Take control of your pool heating with our intelligent built-in timers. Govern when and how long your Evo heat pump operates to make the most of lower energy rates or your own created energy via your solar PV. |
| **304 Stainless Steel Cabinet** | The Evo Dynamic-i Pro features a 304 stainless steel cabinet to ensure long term corrosion resistance. |
| **Industry Leading Warranty** | For further peace of mind – the Evo Dynamic-i Pro is backed with and industry leading warranty. |
| **Eco Friendly Refrigerants** | Features eco-friendly R32 refrigerant with a lower global warming potential (GWP), reducing environmental impact while maintaining high efficiency and performance. |
| **Technical Support & Remote Assist** | Our expert Technical Support Team is here to provide phone advice and troubleshooting for your EvoHeat pump. With your consent, our Remote Assist service allows us to log into your system via Wi-Fi to quickly diagnose and resolve issues. If onsite assistance is required, our extensive network of EvoHeat Authorised Service Technicians is ready to help. |

# Data Table (Brief)

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|  |  | **Dynamic-i Pro 50** | **Dynamic-i Pro 60** | **Dynamic-i Pro 703** |
| **Heating Capacity (air at 27°C/ water 26°C)** | *kW* | 5.3~24 | 6.1~28.1 | 7.3~32.9 |
| **C.O.P** | */* | 16.12~6.8 | 16.11~6.5 | 16.3~6.1 |
| **Noise at 1M** | *dB(A)* | 47-56 | 45-56 | 46-58 |
| **Refrigerant** | */* | R32 | R32 | R32 |
| **Net Dimensions (L/W/H)** | *mm* | 740 x 725 x 1101 | 820 x 785 x 1265 | 820 x 785 x 1265 |
| **Net Weight** | *kg* | 127 | 127 | 130 |

# Data Table (Extensive)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | **Dynamic-i Pro 50** | **Dynamic-i Pro 60** | **Dynamic-i Pro 703** |
| **Performance Conditions: air at 27°C/ water 26°C** | | | | |
| **Heating Output** | *kW* | 5.3~24 | 6.1~28.1 | 7.3~32.9 |
| **Consumed Power** | *kW* | 0.33~3.53 | 0.38~4.32 | 0.45~5.39 |
| **C.O.P** |  | 16.12~6.8 | 16.11~6.5 | 16.3~6.1 |
| **Performance Conditions: air at 15°C/ water 26°C** | | | | |
| **Heating Output** | *kW* | 4.8~18.6 | 7.1~20.6 | 5.6~25.6 |
| **Consumed Power** | *kW* | 0.62~3.88 | 0.91~4.2 | 0.77~5.57 |
| **C.O.P** |  | 7.8~4.8 | 7.8~4.9 | 7.3~4.6 |
| **Performance Conditions: air at 35°C/ Water 29°C** | | | | |
| **Heating Output** | *kW* | 2.09~8.04 | 3.07~10.62 | 2.78~12.6 |
| **Consumed Power** | *kW* | 0.42~2.22 | 0.63~2.98 | 0.8~4.9 |
| **EER** |  | 4.62~3.62 | 4.90~3.56 | 3.47~2.57 |
| **Technical Data** | | | | |
| **Power Supply** |  | 220-240/1/50 | 220-240/1/50 | 380-415/3/50 |
| **Max Running Current (per phase)** | *amps* | 21.5 | 22.8 | 10.8 |
| **Connection Type** |  | Hardwired | Hardwired | Hardwired |
| **Fan Quantity** |  | 1 | 1 | 1 |
| **Fan Speed** | *RPM* | 700-800 | 700-800 | 700-800 |
| **Noise at 1M** | *dB(A)* | 47-56 | 45-56 | 46-58 |
| **Noise at 1M in Silent Mode** | *dB(A)* | 47 | 45 | 46 |
| **Noise at 10M** | *dB(A)* | 27-36 | 35-36 | 26-38 |
| **Refrigerant** |  | R32 | R32 | R32 |
| **PVC Water Connection** | *mm* | 40 | 40 | 40 |
| **Water Flow Volume** | *L/min* | 167 | 203 | 223 |
| **Max. Water Pressure Drop** | *kPa* | 18 | 20 | 23 |
| **Unit Dimensions (LxWxH)** | *mm* | 740 x 725 x 1101 | 820 x 785 x 1265 | 820 x 785 x 1265 |
| **Net Weight** | *kg* | 127 | 127 | 130 |

# Warranty

For further peace of mind EvoHeat offer an industry leading warranty of 25 years on the Evo Dynamic-i Pro titanium heat exchanger, 5 years on compressors, 2 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 Dynamic-i Pro | 25 years | 5 years | 2 years | 1 year |