

## **Ecoforest Heat Pumps – The Market Leading GSHP....**

Ecoforest Heat Pumps ranging up to **22kw in Single Phase**, manufactured in Vigo in North Spain, was born out of 7 years of intensive research and development in the University of Vigo. This time was taken to develop Europe's leading Ground Source Heat Pump and it has the following unique features over and above it's competitors:

1. **3-12kw Heat Output in Single Phase** for smaller dwellings such as Passive Houses
2. **5-22kw Heat Output in Single Phase** for larger dwellings and light commercial premises
3. UK MCS Approved Products and available on HARP Database (Republic of Ireland)
4. **Copeland Inverter Compressor**
5. Compact Heat Pump with Integrated 170L Hot Water Tank
6. Class A Brine Pump & Heating Pump, Heating & Brine Expansion Vessels & 3-port Diverting Valve all Built into Heat Pump
7. No Buffer Tank Required with Inverter Compressor
8. Low Start Up Current with Inverter Compressor, no need for Soft Starts
9. Micro-PC, control based system
10. Electronic expansion valve on all models
11. Models available with Passive and Active Cooling
12. Energy Monitoring and Concrete Drying Programme Built in as Standard
13. 12-40kw, 15-70kw and 25-100kw for the Larger Commercial Projects

### **Ecoforest Background**

The Vapormatra-Ecoforest group of companies was incorporated in Vigo in 1959 by owner and founder José Carlos Alonso Martinez. After travelling to New York in 1958 on the occasion of the first multi-sectoral world fair, José Carlos began his career by marketing steam boilers, burners and products for the heating sector.

In the 70's, his entrepreneurial spirit and business acumen led him to visit major international trade fairs from where he brought the latest developments into the national market, creating the first wood-chip biomass boiler. Thus, the Vapormatra-Ecoforest group was the first to show an interest in ecology and fuel economy.

In 1993, as part of this effort to continue providing technology and progress, the firm accepted a new professional challenge: to market a new especially ecological and economic product. To this end Vapormatra-Ecoforest created Spain's first pellet mill in Villacañas (Toledo) and launched the firm's latest invention on the European market: THE FIRST PELLET-FUELLED STOVE-BOILER.

Currently, Ecoforest is the market leader with the widest range of air, water and ducted air heaters, and is present in 14 countries. Its R & D department continues to innovate every day, developing more advanced and more efficient products.