

# GARY WEBSTER & ASSOCIATES LTD



## Renewable Heating/Cooling & Hot Water Solutions

We represent some of the major manufacturers in the Commercial Heating & Cooling & Hot Water market.

We have various sizing software at our fingertips to assist Consulting Engineers, Contractors, Architects, Local Authorities, University Estate Departments, Prison Service, NHS, Facilities Management Companies in the selection of the correct product for the correct application.

No job too big, no job too small. Happy to help so give us a call.

## Our Products

**Air Source Heat Pumps** (heating & cooling - DHW) – **Solar - Boilers Water Heaters.**  
**Radiant Panels** (heating & cooling)  
**Radiators**

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## Amicus HT Air Source Heat Pumps

Amicus HT air to water Heat Pumps, are an efficient method of providing low temperature hot water (LTHW), which can be used for space heating or for the generation of domestic hot water. As a renewable technology, Amicus HT works by absorbing low grade energy from surrounding air and directs this into an evaporator, which converts the liquid into a cold, low-pressure gas. This is the refrigerant in its gaseous state, which is then pressurised, heated and circulated to a heat exchanger which can then transfer this heat to the space heating or hot water system.

The Coefficient of Performance (COP) ranges from 4.16 to 4.64 across the 13-model range. These figures are based upon the EN14511 standards of 35°C water flow temperature and an ambient temperature of 7°C. Amicus HT units can operate in temperatures as low as -20°C.



## Amicus AquaStore

Amicus Aquastore is a packaged Heat pump water heater designed to provide DHW only and can work at temperatures up to 65c without immersion heater support. There are 3 models in the range all with 8kw heat pump but with different sized immersion back-up available from 6kw-12kw.



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## EFB Wall Hung Condensing Boilers

- Outputs from 85 to 151kW at 50/30°C system design/High efficiency condensing technology/Stainless steel heat exchanger/Ultra Low NOx emissions  $\leq 24\text{mg/kWh}$ /Capable of operating at  $\Delta T$  of up to 30°C
- Integral controls/Cost effective flue options



## Ecocharger Condensing Water Heater

- Recovery rates from 540 to 2100 litres/hour - Fully modulating pre-mix burner - Efficiencies of up to 98% - Low NOx emissions  $\leq 37\text{mg/kWh}$



## Solar Thermal integrated Packages



High efficiency Flat Plate collectors, which provide high thermal output but with low stagnation temperatures. Components include Pump Station, Controls.

## Cavalier Eco Electric Water Heater



9-54kw available-recovery from 150/870L/hour

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**RADIANT**  
HEATING & COOLING SOLUTIONS  
— SIMPLY RADIANT —

## Heating & Cooling Panels

### The Spectrum range of radiant panels

which combine excellent heating and cooling performance with an unobtrusive design, easy installation and the knowledge that they will give years of trouble-free service.

Spectrum panels are designed for a wide range of applications such as, Schools, Hospitals, Prisons, Sports Hall, Residential Care.



## Availability

Spectrum Radiant Ceiling Panels are manufactured in the UK and sold directly throughout the UK and the Republic of Ireland, ensuring quick delivery to site to aid schedule requirements.

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**Senso**  
**therm**  
INDUSTRIAL  
*heat with style*

## Radiators Come in all shapes and sizes

### Sensotherm

offer a wide range of designer radiators offering quality, aesthetically pleasing products backed by our excellent service and competitive pricing.

## Our Products

Multi-Column  
Horizontal  
Vertical  
Towel  
LST  
Pressed Panel

A selection of RAL Colours available on all radiator types.

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## Contact information

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