

All-round competence for on-board warmth

Webasto systems heat both cabin and water

Stockdorf/Munich. – Webasto gives you pleasant temperatures below decks and hot water on board through two fundamentally different heating concepts and multiple variants. A wide product range offers tailored solutions for individual requirements and boat sizes of up to 25 metres:

- Air Top 2000 S, 3500, 5000 and HL 90 – hot-air heating systems for direct air heating
- Thermo 90 S, Thermo Top C, Thermo 50 and DBW 2010 – water-heating systems for air and water heating

These Webasto units are characterised by extremely quiet operation, low fuel consumption and high functional reliability, even under extreme conditions. They are all burner-driven. The heating burner runs on diesel from the boat's fuel tank. A decisive advantage for operation at sea is the burner's extended functionality in different positions. On the one hand it guarantees reliable operation in rough seas which cause heavy listing and on the other it makes it particularly flexible to install.

Hot-air heating systems for fast heating

In the compact hot-air heating systems, Air Top 2000 S, 3500, 5000 and HL 90, the air is passed directly over the burner and heated. An integrated electrical ventilation unit with low electricity consumption

provides the required air circulation and particularly fast heating times. With output levels of 2 kW, 3.5 kW and 5 kW, the Air Top systems enable you to select a heating system that is "tailored" to the size of your boat and the area that needs to be heated. The Air Top 5000 has an automatic booster level to increase short-term output to a maximum of 5.5 kW. The HL 90 can achieve a maximum output of 9 kW.

Even at full power with high air throughput, the operating noise of the Air Top units remains pleasantly low, thanks to the use of optimised flow technology that regulates the intake of air. Freely adjustable controls, which do not generate any extra noise, prevent unpleasant, abrupt changes in the level of operating noise and make the Webasto Air Top range ideal for use on boats and yachts that are occupied overnight.

Dual use water heating systems

With the Webasto Thermo Top C, Thermo 90 S, Thermo 50 and DBW 2010 water-heating systems, you can reap the benefits of water heating on boats and yachts. These include quiet and even air heating plus the provision of hot water for use in the galley and shower. Unlike hot-air heating systems, water-heating systems do not heat the air directly, but via a closed water-heating circuit, like domestic central heating. This heat energy can be conducted in different ways via heat exchangers. You can even preheat the engine with the appropriate installation. The maximum heat output of Webasto's water heating unit range varies from 5 kW for the Thermo Top C to 35 kW for the Thermo 350.

Webasto's special boat installation kits contain the main boat-specific system components, making the heating systems quick and easy to retrofit. Webasto also supplies an extensive range of special accessories. These include a seawater-resistant exhaust gas system, Telearstart T 80 radio remote control and the innovative Thermo Call module, which allows you to start the system from any telephone, using a security code.

Webasto in brief

International supplier to the automotive industry.

Core competences: The development and manufacture of complete roof and sunroof systems, bus hatch systems, as well as heating, cooling and ventilation systems for cars, boats, mobile homes, HGVs and buses.

International outlook: Present in 27 countries, production plants in 15 countries. Headquarters in Stockdorf near Munich, Germany.

Figures (for 2002 financial year): *Sales:* €1.28 billion € *Annual surplus* 30.6 million euros, *Return on sales* 2.4%. Percentage spent on *research and development* c. 8 %. *Investments* 68 million euros. *Employees* c. 5,200 worldwide.

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