



House concept

Save energy, gain comfort

Low-temperature radiators

The ideal complement to a heat pump

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Modern heating systems demand **smart solutions** that **combine comfort**, **energy savings**, and **sustainability**. WätaS low-temperature radiators are specifically designed to provide reliable and pleasant warmth even at low flow temperatures.
Thanks to innovative finned heat exchangers and ultra-quiet fans, they ensure consistent heat distribution even at 30 - 35 °C — making them the ideal complement to heat pumps or condensing boiler systems.



In contrast to conventional radiators, these systems create a **healthy indoor climate** without excessive air dryness and distribute warmth precisely where it's needed — in the living area.
At the same time, they reduce energy consumption and thus lower heating costs.

Whether in new builds, modernization projects, or renovations — WätaS low-temperature radiators offer outstanding quality **"Made in Germany"**.

Features

» High performance thanks to integrated low-noise fan
» Smart-home compatible and low maintenance
» Available in five lengths (height: 500 mm): 600, 800, 1000, 1200, 1500 mm
» An alternative to underfloor heating — ideal for both renovation and new construction
» Custom dimensions available

Low-Temperature Heating Skirting System

For halls and offices — powerful performance with minimal energy costs



Our heating baseboard system has been specially developed for use in industrial halls and large open spaces. It combines **maximum energy efficiency** with low flow temperatures and adapts flexibly to your individual requirements.

Available in standard or custom dimensions, in attractive colours, and in either a passive or active configurations, this system offers impressive versatility. With outputs of up to 1930 W at just 35 °C flow temperature, it provides a **future-proof solution** for **modern and energy-efficient** heating.

Features

» Dimensions (L × H × D in mm): 2340 × 370 × 150
» Colours: Standard — RAL 5017 Blue or RAL 7016 Anthracite
» Available as passive (without fan) or active (with fan) version
» Passive: 35 °C flow temperature — 140—655 W (depending on room temperature)
» Active: 35 °C flow temperature — 1330—1930 W (depending on room temperature)

Hot-Water Heat Pump
„Aquaheater 185L“

The Aquaheater BWP - R290 - 20 is an excellent **energy-saving solution** for domestic hot water production in buildings.

> Domestic hot water heat pump enables separate use of heating systems and offers a free cooling / dehumidification option

By extracting energy from the ambient air, the **efficiency** of the heat pump can be **3 to 5 times** higher than conventional heaters.



Features

» Environmentally friendly refrigerant R290 (150g)
» Energy savings of up to 75%
» Rated power: 1.5 kW + 1.5 kW auxiliary heater
» Water temperature up to 65°C
» Intelligent LCD control
» Quality-assured components
» Whisper-quiet operation
» Indoor installation
» Volume: 185 l

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Heat Pump R 290
Quiet, powerful and future-proof

The LWC air-source heat pump from WätaS offers **sustainable heating and cooling performance** for new construction and renovations. With the **environmentally friendly** R290 refrigerant, quiet operation, and a flow temperature of up to 75°C, it is the ideal solution for modern buildings.

Features

» A+++ energy efficiency — saves electricity and meets the highest funding criteria (e.g., BAFA).
» R290 refrigerant — climate-friendly with extremely low GWP.
» Flexible installation — compatible with various storage systems.
» Quiet operation — ideal for residential areas.
» Smart color display — intuitive controls and complete control.



GRP Buffer Tank

Lightweight, robust, and versatile

The WätaS GRP buffer tank, made from water- and temperature-resistant plastic, offers an **efficient solution for heat storage**.
Thanks to its **low weight** and compact design, it is easy to transport and provides static advantages at the installation site.

> Suitable for both cold and hot water — a smart alternative to stainless steel for modern energy systems



Features

- » Volume: 740 liters with additional top and side flanges
- » GRP tank and stand made with vinyl ester resin
- » Soft foam insulation
- » GRP connections, including a drain connection at the bottom of the tank
- » Operating pressure: 2.5 bar
- » Temperature: 90 °C
- » Flexible connections: 2“ and 3
- » Empty weight: 100 kg

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Geothermal Coil

For optimal energy extraction



The WätaS geothermal coils offer an **efficient** and **space-saving alternative** to conventional deep drilling and extensive ground installations for geothermal heat pumps.
They are made of high-quality stainless steel (grade 1.4301) and feature a tube diameter of 12 mm.

> Up to 80% cost savings compared to deep drilling.

The standard size is 17 cm in diameter and 120 cm in length, but it can be customized to meet individual customer requirements.

Thanks to their special design, the geothermal coils enable **optimal utilization of geothermal energy**, providing a **sustainable and cost-efficient solution for modern heating systems**.

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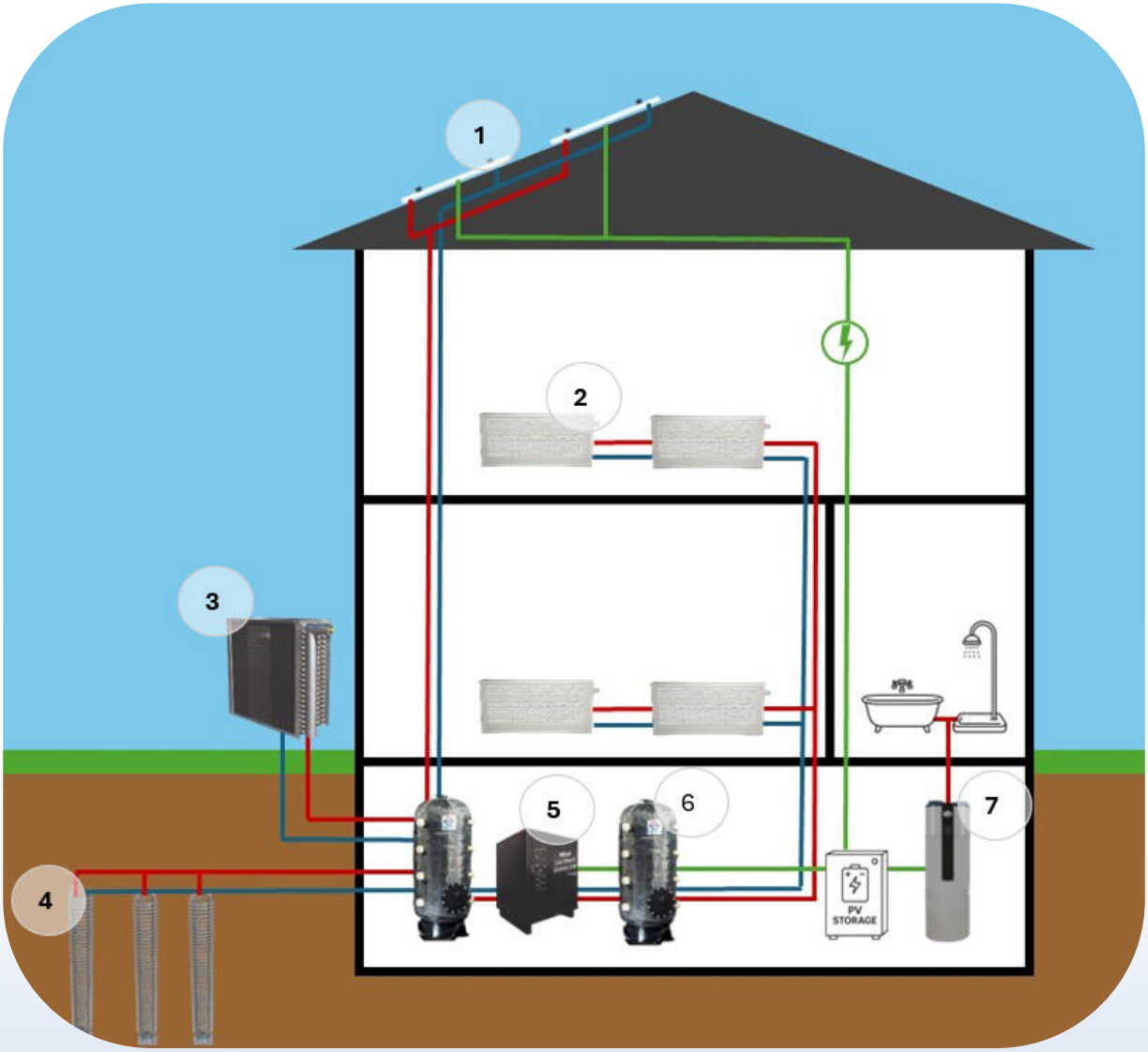
Concept of an ideal House

A product overview

The concept of an ideal WätaS house stands for **intelligent energy use** and **maximum living comfort**. Combining state-of-the-art technologies, it creates a **sustainable, integrated system** that **lowers your energy costs**, **protects the environment**, and simultaneously ensures **reliable warmth and well-being** — today and in the future.



1	PVT- Modul	5	Water-to-water heat pump
2	Low-temperature radiators	6	GRP Buffer Tank
3	Recooler	7	Hot-Water Heat Pump
4	Geothermal Coil		

Get in Touch

Request your personal offer from WätaS today.

Whether you're looking for heat exchangers, heat recovery systems, heating technology, or complete solutions for modern energy applications — we provide individual and expert consultation. Together, we'll find the perfect solution for your specific requirements.

Scan the QR code to get in touch with us directly — fast, simple, and personal.

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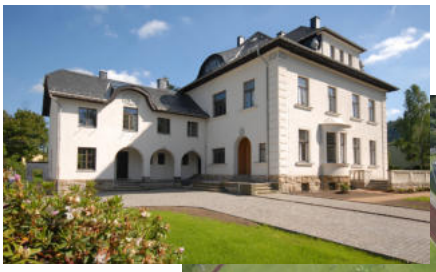



WätaS • Wärmetauscher Sachsen GmbH

Lindenstraße 5 • 09526 Olbernhau
Telefon +49 3 73 60 / 69 49-0 • Fax +49 3 73 60 / 69 49-69
E-Mail: info@waetas.de

www.waetas.de