Greywater heat exchanger

Recovering energy from shower, washing and process water



The WätaS greywater heat exchanger utilises the thermal energy contained in the wastewater before it is lost unused. The 1,000-litre IBC contains eight robust stainless steel heat exchanger coils, through which the heat is efficiently transferred to a separate water circuit. The recovered energy can then be used for heat pumps, domestic hot water production or to supplement the heating system.

- Heating capacity reaching up to 90 kW
- Use of wash water and process water
- Sturdy stainless steel coils
- Reduces energy costs in the long term



The greywater heat exchanger harnesses previously unused heat from shower, washing and process water.

The energy present in the greywater is transferred via the stainless steel coils to a separate circuit and can then be reintegrated into the heating system.

Technical Specifications

Storage tank	IBC 1000 l
Heat output	up to 90 kW
Maximum greywater temperature	70 °C
Number of coils	8
Flow/return connection (coil)	1½“
Max. flow rate (coil)	4 m³/h
Greywater outlet connection	S60x6
Coil material	V2A stainless steel

BENEFITS AT A GLANCE

- ✓ Use waste heat rather than letting it go to waste
- ✓ Up to 90 kW of heating capacity
- ✓ Reduces the energy required for heating and hot water
- ✓ Use recovered thermal energy multiple times
- ✓ For shower, washing and process water
- ✓ Ideal heat source for heat pump systems
- ✓ Can be integrated into existing heating systems

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