

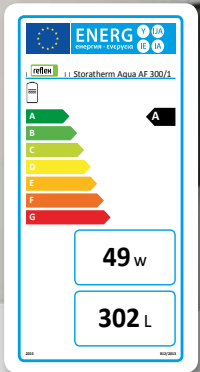


Thinking solutions.

Thinking green with Reflex!



NEW!
Hot water storage
tank class A



Storatherm Aqua & Storatherm Aqua Solar

Thinking green with Reflex!



+ Design

Sleek new space-saving design

+ Proven efficiency

Energy efficiency class A thanks to the rECOflex[®] insulation system – tested and proven in TÜV-certified facilities



Performance

Quick and uniform heating thanks to generous dimensions of heating surfaces

Hygiene

Clean, hygienic potable water afforded by quality enamelling in line with DIN 4753 Part 3

rECOflex®

The insulation that makes the difference!

Why is energy efficiency class A so essential?

The higher the energy efficiency class, the better the thermal insulation and therefore the lower the heat losses. Both the material thickness and exceptional quality of the rECOflex® insulation have a direct impact on the efficiency class.

Consumers therefore have the option to choose between the initial outlay and savings not only from an energy perspective, but also in terms of costs. Our Reflex hot water storage tanks are available in efficiency classes A, B and C, meaning all requirements of the ErP Directive are covered.

Energy efficiency class A

Heat dissipation

49 W

This equates to

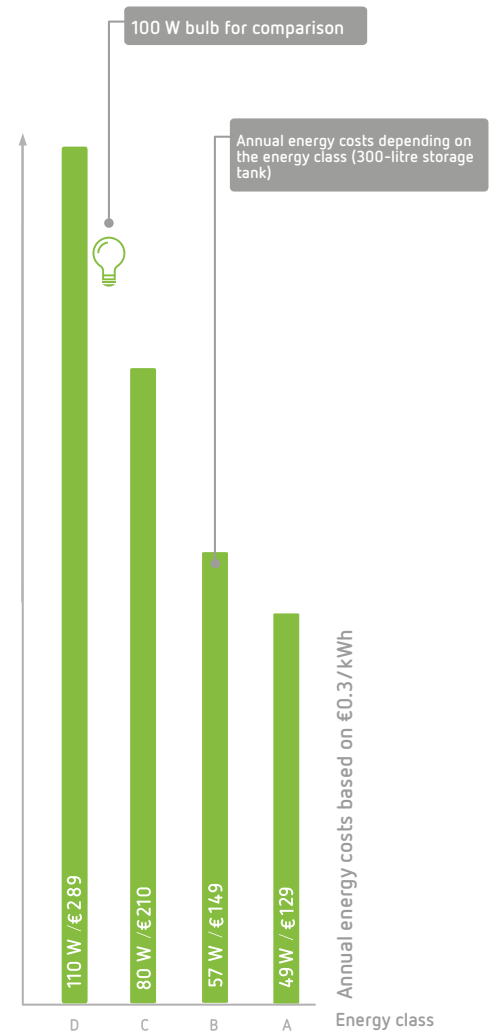
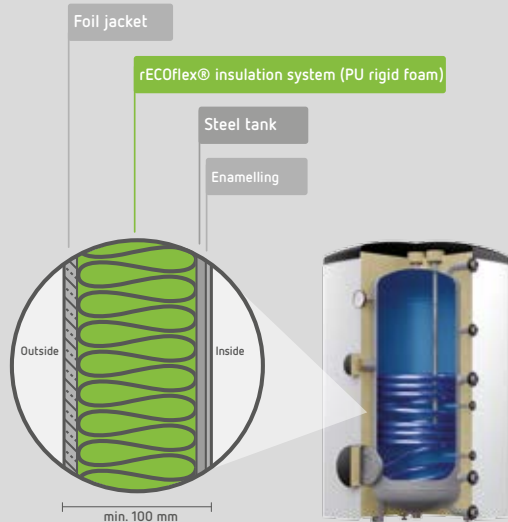
1.18 kWh/d

Energy costs to compensate for the heat dissipation

€129 /year

Based on energy costs of €0.3/kWh

Storatherm Aqua AF 300/1M_A insulation system

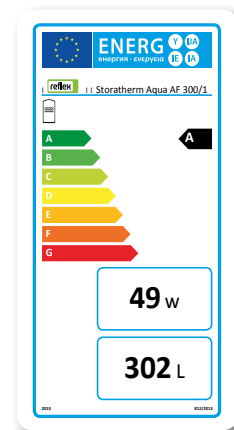


Example:
Annual energy costs depending on the energy class to compensate for the energy losses in a 300-litre hot water storage tank. Energy costs for a 100 W bulb shown for comparative purposes.

Say goodbye to extensive heat losses!

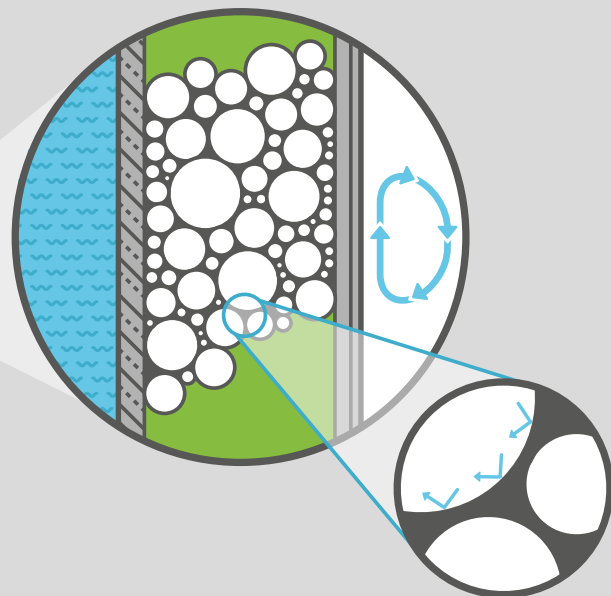
So what sets rECOflex® apart from other insulation materials?

rECOflex® PU rigid foam has a closed-pore structure, is CFC free and forms a large number of tiny, microscopic cells during the production process. The walls of these cells are so thin that thermal conductivity is reduced considerably. rECOflex® envelops the hot water storage tanks completely to prevent heat losses to the greatest possible extent.



rECOflex® in action

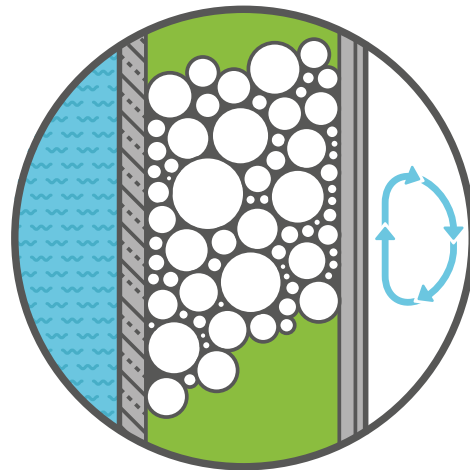
rECOflex®



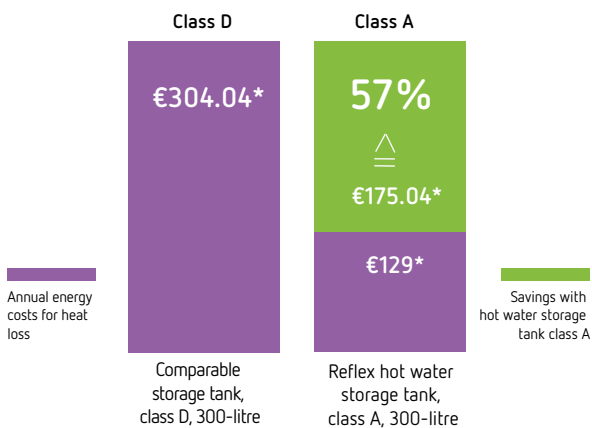
Here's how easy it is for your customers to lower their heating costs!

Energy efficiency starts with the hot water storage tank

The better your hot water storage tank retains its heat, the more sustainably and economically your entire heating system will function. After all, all heat lost by the hot water storage tank has to be balanced out to ensure reliable heating and convenient access to hot water.



A worthwhile decision



Over a period of 15 years, this results in

potential savings of up to €3,732.04*

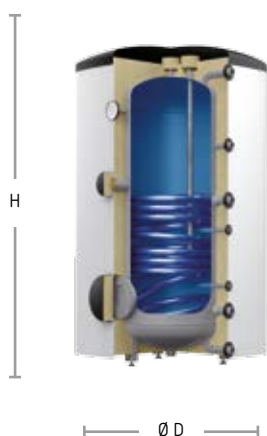
*Operation with direct electricity, energy costs of €0.30/kWh for a 300-litre hot water storage tank based on the energy price amendment record for Germany

The second phase of the Ecodesign Directive is coming into force in September 2017. From this point on, there will be certain thresholds in place with regard to heat dissipation from hot water storage tanks. These thresholds correspond to energy efficiency class C, meaning that as of September 2017, class D storage tanks will no longer be put into circulation.

Potable water storage tanks



Storatherm Aqua storage water heater with a bare-tube heat exchanger



AF 150 - 500/1M_A

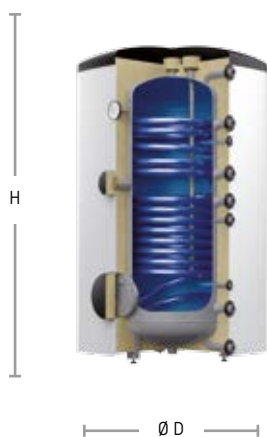
Technical features

- Upright tank for all heating systems
- Enamelling in line with DIN 4753 T3, with magnesium anode, thermometer, adjustable feet and service opening
- Hot water storage tank up to 500 litres (model AF .../1M) with additional Rp 1 ½" sleeve
- Permissible operating overpressure: Heating water 16 bar; potable water 10 bar
- Permissible operating temperature: Heating water 110°C; potable water 95°C

Model	Product no. [white]	Product no. [silver]	Capacity [l]	Dimensions [mm]	Height [H]	Weight [kg]	Heating surface [m ²]	Heat losses [W]	EEC*
AF 150/1M_A	7350100	7355100	159	650x650	1068	67	0.83	36	A
AF 200/1M_A	7350200	7355200	197	650x650	1260	74	0.95	39	A
AF 300/1M_A	7350300	7355300	302	750x750	1294	101	1.28	49	A
AF 400/1M_A	7350400	7355400	382	790x790	1591	125	1.75	51	A
AF 500/1M_A	7350500	7355500	473	790x790	1921	143	1.88	58	A



Storatherm Aqua Solar storage water heater with two bare-tube heat exchangers



AF 200 - 500/2_A

Technical features

- Upright tank with additional bare-tube heat exchangers to make use of solar energy
- Enamelling in line with DIN 4753 T3, with magnesium anode, thermometer, adjustable feet and service opening
- Permissible operating overpressure: Heating water 16 bar; potable water 10 bar
- Permissible operating temperature: Heating water 110°C; potable water 95°C

Model	Product no. [white]	Product no. [silver]	Capacity [l]	Dimensions [mm]	Height [H]	Weight [kg]	Heating surface [m ²]	Heat losses [W]	EEC*
AF 200/2_A	7350600	7355600	196	650x650	1260	82	0.95/0.67	40	A
AF 300/2_A	7350700	7355700	300	750x750	1294	134	1.42/0.84	50	A
AF 400/2_A	7350800	7355800	380	790x790	1591	137	1.75/1.00	53	A
AF 500/2_A	7350900	7355900	470	790x790	1921	159	1.88/1.28	58	A

*EEC = Energy efficiency class

The Reflex service

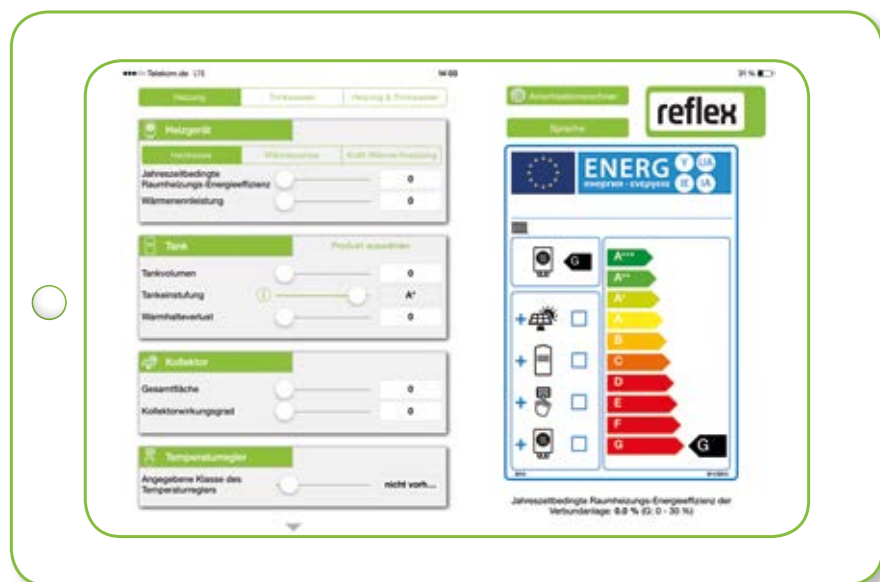
The Reflex ErP app – creating and printing digital labels couldn't be easier

Since autumn 2015, the implementation of the ErP Directive for labelling energy-efficient products has gained the kind of traction in the heating technology sector that consumers have long since been familiar with for other energy-related products (ErPs), such as lamps.

The compulsory labelling requirement distinguishes between labels for the identification of individual products – which, for Reflex, covers storage heaters with a nominal volume of up to 500 litres – and composite systems (combining several components). And this is where your ErP app comes into play!

Depending on your building situation, equipment and budget, you can select all system components in the various modules and the app will automatically determine which label is appropriate. An interface also connects the ErP app directly to the VdZ portal (for the Association of the German Central Heating Industry) to provide access to product data from all manufacturers who, like us, have chosen to store their details there.

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Subject to technical modifications



Thinking solutions.

Reflex Winkelmann GmbH
Gersteinstraße 19
59227 Ahlen, Germany

Telephone: +49 2382 7069-0
Technical hotline: +49 2382 7069-9546

www.reflex.de/en