

# Reflex Hot Water Storage Tanks



ErP ready to the max



# Convenience and energy efficiency

Reflex hot water tanks ensure lasting comfort – convenient, efficient and energy-saving. Attributes already ensured during manufacturing: Product quality and superior workmanship have top priority in the factory and during the procurement of raw materials.

As a leading brand manufacturer, we offer a product range of heat storage systems meeting the latest standards – systematic solutions for perfect system design.



Thinking solutions.



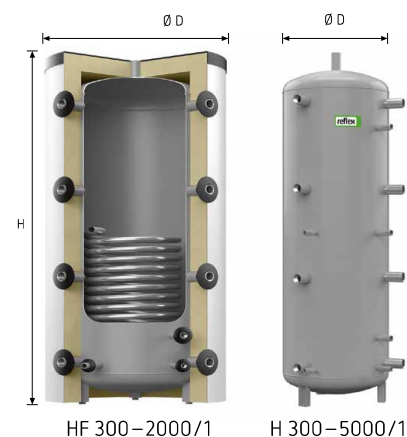
# Storatherm Heat

## Basic buffer tank for heating and cooling applications

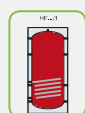
Energieeffizienzklasse  
Energy efficiency class

C

- Storage tank made of high-grade steel S235JRG2 (RSt 37-2) with one heat exchanger
- Up to 2000 litres incl. removable fleece insulation with white or silver foil cladding
- For cooling water systems, Storatherm buffer storage tanks are also available without foam insulation (type "H"); in this case, appropriate diffusion-resistant insulation must be provided on-site
- Untreated on the inside, with an outer plastic coating
- Perm. excess operating pressure for storage tank 3 bar (6 bar above 1500 litres)
- Perm. excess operating pressure for heat exchanger 16 bar
- Perm. operating temperature for storage tank 95 °C
- Perm. operating temperature for heat exchanger 110 °C



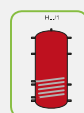
## Typenübersicht Storatherm Heat



HF .../1  
Buffer tank with one bare-tube heat exchanger  
300–2000 l

### Insulation

up to 1000 Liter: 100mm removable fleece insulation  
with foil cover  
from 1500 Liter: 120mm removable fleece insulation  
with foil cover



H .../1  
Buffer tank with one bare-tube heat exchanger  
300–5000 l

### Insulation

without insulation

Type	Part No. white	Part No. silver	Product group	Volume [l]	Ø D [mm]	Height [mm]	Sleeves 9x	Tilt height [mm]	Weight [kg]	Heating surface [m²]	Heat losses W	EEC*
HF 300/1_C	7843800	7843200	63	300	797	1,320	Rp 1 ½	1,355	82	1.34	79	C
HF 500/1_C	7843900	7843300	63	475	797	1,950	Rp 1 ½	1,974	100	1.88	106	C
HF 800/1_C	7844000	7843400	63	778	990	1,825	Rp 1 ½	1,870	197	3.76	132	C
HF 1000/1_C	7844100	7843500	63	921	990	2,115	Rp 1 ½	2,153	225	4.48	141	C
HF 1500/1_C	7844200	7843600	63	1,500	1,240	2,120	Rp 1 ½	2,178	272	4.48	167	C
HF 2000/1_C	7844300	7843700	63	2,031	1,440	2,122	Rp 1 ½	2,200	352	4.48	188	C

Type (without insulation)	Part No. white	Part No. silver	Product group	Volume [l]	Ø D [mm]	Height [mm]	Sleeves 9x	Tilt height [mm]	Weight [kg]	Heating surface [m²]	Heat losses W	EEC*
H 300/1	7783700	-	63	300	597	1,320	Rp 1 ½	1,355	74	1.34	-	-
H 500/1	7783900	-	63	475	597	1,950	Rp 1 ½	1,974	95	1.88	-	-
H 800/1	7784115	-	63	778	790	1,825	Rp 1 ½	1,870	190	3.76	-	-
H 1000/1	7784315	-	63	921	790	2,115	Rp 1 ½	2,153	216	4.48	-	-
H 1500/1	7784500	-	63	1,500	1,000	2,120	Rp 1 ½	2,178	265	4.48	-	-
H 2000/1	7784700	-	63	2,031	1,200	2,122	Rp 1 ½	2,200	341	4.48	-	-
H 3000/1	7788300	-	63	2,956	1,500	2,101	Rp 2	2,205	637	5.00	-	-
H 4000/1	7788600	-	63	3,942	1,500	2,676	Rp 3	2,756	754	6.00	-	-
H 5000/1	7788900	-	63	4,888	1,500	3,211	Rp 4	3,264	871	7.00	-	-

\* Energy efficiency class



Thinking solutions.

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