



reflex 'Hot water storage tanks'



reflex 'LS Hot water storage tank'

Technical data

reflex 'LS Hot water storage tanks'

- ▶ storage tank for hot water heating purposes
- ▶ heavy duty S235JRG2 (RSt 37-2) quality steel
- ▶ corrosion resistant glass-lined tank according to German DIN 4753
- ▶ magnesium anode rod for tank protection
- ▶ factory mounted thermometer
- ▶ extra thick (50 - 100 mm) PU soft foam insulation (delivered separately)
- ▶ opening for additional electrical heating element(s) (→ kW input capacities on p. 14)
- ▶ clean-out and inspection access
- ▶ max. operating pressure: 10 bar
- ▶ max. operating temperature: 95 °C

Type		LS 300	LS 500	LS 750	LS 1000	LS 1500	LS 2000
Capacity	litres	300	500	750	1000	1500	2000
Diameter Ø D	mm	600	700	910 ¹⁾	1010 ²⁾	1200 ³⁾	1400 ⁴⁾
Height H	mm	1834	1961	2010 ¹⁾	2035 ²⁾	2215 ³⁾	2126 ⁴⁾
Weight	kg	87	96	195	248	366	522
Inclination height	mm	1892	2044	1990	2025	2220	2235
Insulation thickness	mm	50	50	80	80	100	100
Battery charging L	R	1 ½	1 ½	2	2	2	2
	h ₁ mm	1546	1672	1908	1911	2049	1933
Hot water outlet WW	R	1 ½	1 ½	2	2	2	2
	h ₂ mm	1546	1672	1638	1646	1782	1648
Cold water inlet KW	R	1 ½	1 ½	2	2	2	2
	h ₆ mm	272	238	88	92	105	118
Circulation Z	R	¾	¾	1 ¼	1 ¼	1 ¼	1 ¼
	h ₃ mm	1180	1265	1143	1154	1357	1388
Sensor tube	R _p	½	½	½	½	½	½
	h ₄ mm	1180	1265	943	951	1077	1108
	h ₅ mm	272	238	288	296	322	353
Flange ⁵⁾	h ₇ mm	325	275	378	387	412	443
	h ₈ mm	---	---	---	---	812	843
	Opening B mm	150	150	225	225	225	225
Article-no.	white	6500500	6500600	6500000	6500100	6500300	6500400

1) without insulation Ø D = 750 mm, H = 1932 mm

2) without insulation Ø D = 850 mm, H = 1959 mm

3) without insulation Ø D = 1000 mm, H = 2122 mm

4) without insulation Ø D = 1200 mm, H = 2033 mm

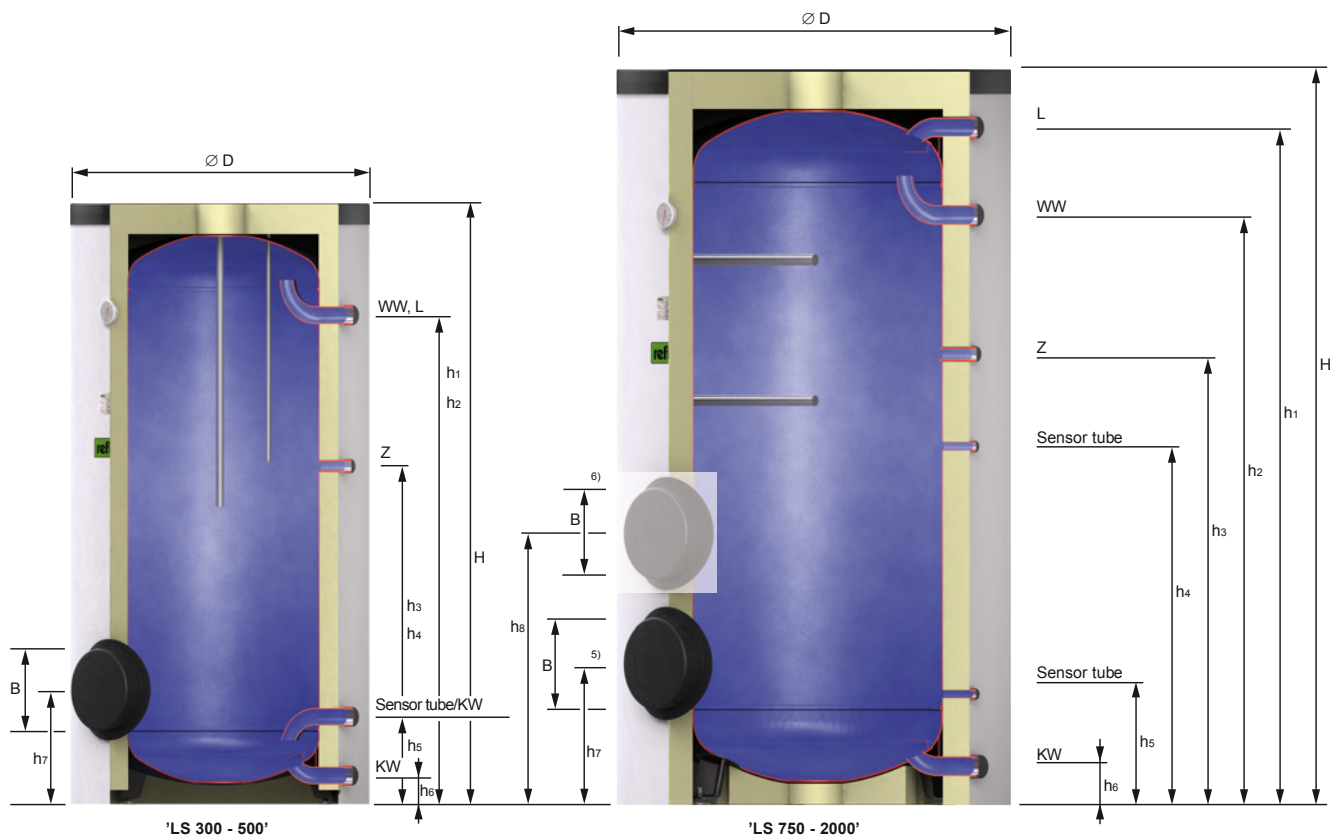
5) 'EEHR Electric screw-in heater' can be fitted on flange → p. 14
(to be ordered separately)

'EFHR Electric screw-in heater' can be fitted on flange → p. 14

'RWT Ribbed-tube heat exchanger' can be fitted on flange → p. 14

6) from 'LS 1500' with 2 inspection openings

reflex 'LS Hot water storage tank' Technical data



reflex 'Hot water storage tanks'

Accessories

reflex 'EEHR Electric screw-in heater'



- ▶ for (additional) heating purposes for reflex 'Hot water storage tanks', 'Solar hot water storage tanks', 'Hot water storage tanks'
- ▶ to be used as back-up for space/solar heating; max. water hardness 14 °dH
- ▶ control thermostat up to 95 °C and pilot lamp



Type	Article-No.	Weight kg	Product group	Storage size/l	Power kW	Voltage V	L mm
EEHR 1,8	9200277	1.75	68	> 100	1.8	230	375
EEHR 2,4	9200278	1.75	68	> 100	2.4	230	375
EEHR 3,0	7755100	1.75	68	> 100	3.0	230	375
EEHR 4,5	7755300	1.85	68	> 300	4.5	400	450
* EEHR 6,0	7755400	1.90	68	> 300	6.0	400	510
EEHR 8,0	7755550	2.20	68	> 750	8.0	400	620
EEHR 10,0	7755600	2.35	68	> 1000	10.0	400	750

* not for 'SB/SF 300/2', Ø 600



reflex 'EFHR Electric flange heater'

14

- ▶ suitable for continuous operation as electrical heating
- ▶ 3 power levels, reconnectable
- ▶ safety temperature cut-off max. 120 °C
- ▶ control thermostat up to 95 °C
- ▶ on-site electrical connection
- ▶ including flange and sealing

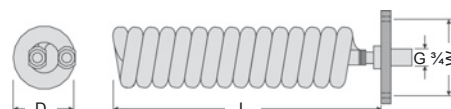


Type	Article-No.	Weight kg	Product group	Storage size/l	Power kW	Voltage V	L mm	B mm	H mm	D mm
EFHR 4,0	9116314	4.7	68	150 - 500	4,0 / 2,7 / 2,0	400	295	150	110	185
EFHR 6,0	9116315	4.8	68	300 - 500	6,0 / 4,0 / 3,0	400	395	150	110	185
* EFHR 8,0	9116316	5.0	68	300 - 500	8,0 / 5,5 / 4,0	400	495	150	110	185
* EFHR 10,0	9116317	5.2	68	300 - 500	10,0 / 6,7 / 5,0	400	495	150	110	185
EFHR 16,0	9116501	10.5	68	750 - 1000	16,0 / 11,0 / 8,0	400	610	225	140	280
EFHR 19,0	9116502	11.0	68	1000 - 2000	19,0 / 12,7 / 9,0	400	740	225	140	280
EFHR 25,0	9115569	11.5	68	1000 - 2000	25,0 / 18,8 / 12,5	400	740	225	140	280

* not for 'SB/SF 300/2', Ø 600, 'WPS 300-500'

reflex 'RWT 1 Ribbed-tube heat exchanger'

- ▶ to connect to an additional heat generator, e.g. a fire place or a solar energy system
- ▶ suitable for heating water, district water and solar fluid
- ▶ made of ribbed copper tube
- ▶ max. operating pressure 10 bar
- ▶ max. operating temperature 90 °C



Type	Article-No.	Weight kg	Product group	Power kW	Surface m²	B mm	D mm	L mm
RWT 1	7755900	5.5	68	9 - 11	1,1	150	110	420
RWT 2	7756300	7.5	68	31 - 39	2,3	225	170	540

Reflex – Responsibility in the interests of the environment

New Reflex technologies are to provide advantages not only to human beings, but also to the environment. This is the principle on which we base all our development, planning, and manufacturing.

We comply with our responsibility as manufacturer by the purposeful selection of materials and production technologies - the environmental - impacts are as low as possible.



Reflex Winkelmann GmbH + Co. KG

Gersteinstrasse 19
59227 Ahlen
Germany

Tel. +49 23 82 / 70 69 - 0
Fax +49 23 82 / 70 69 - 558
www.reflex.de