

Typ LAS

Domestic hot water storage tanks exclusively stainless steel ANSI 316L / 316 Ti

From 150 to 1000 liter

- For usage with external heat exchangers
- Corrosion resistant

Designed, manufactured and tested according to DIN 4753, DIN EN 12897, and company standards in addition to PED-European Equipment Directive. Production monitored and certified by TÜV Rheinland. TIG but-welded with no crease. Complete tank dip-pickled and passivated.

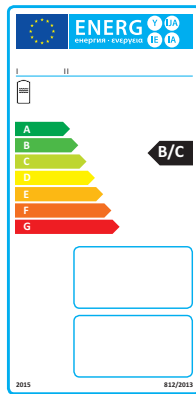
Operating pressure max. 10 bar
 Operating temperature max. 95 °C

Accessories - optional:

- Dipping sleeve G 1/2" made out of stainless steel ANSI 316 Ti, L = 200 mm
- Thermometer
- Flange cover with G 1 1/2" connection for electric heater
- Screw-in heater to 12 kW
- Flange heater to 15 kW

Insulation:

- 100 mm covered with PS-jacket
- colour RAL 9022 silver
- other colors on demand
- fire classification B2
- CE-marking
- CFC-free
- 100 % recyclable



European energy label



Head quarter:

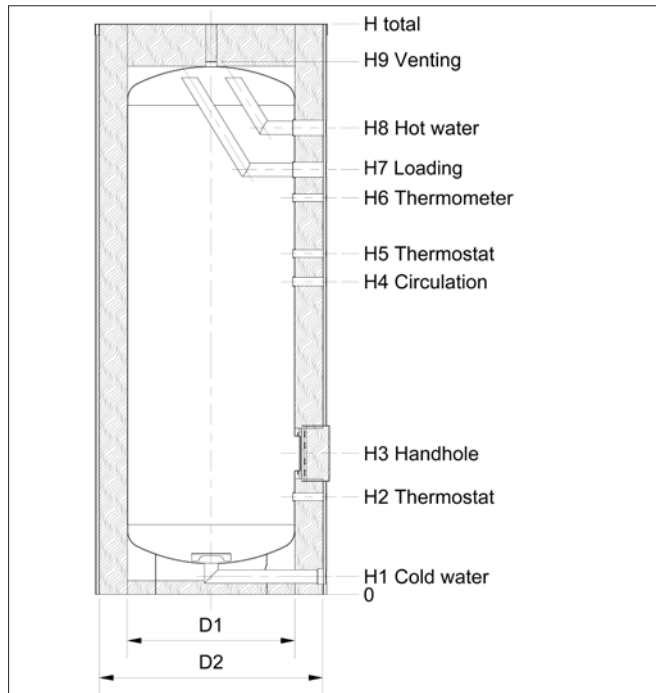
DINOX-D®
 Edelstahlprodukte GmbH
 Im Hegen 14 a
 D-22113 Oststeinbek
 Tel. +49(0)40-71 39 09-28
 Fax +49(0)40-71 39 09-87
 info@dinox-d.de
 www.dinox-d.de

Technical Department:

D-23970 Wismar
 Tel. +49(0)38 41-303 48-0
 Fax +49(0)38 41-303 48-29
 technik@dinox-d.de



Domestic hot water storage tanks exclusively stainless steel ANSI 316L / 316 Ti



Energy related Product (ErP) Directive

Product data sheet

Acc. to (1) Commission Regulation (EU)
No 814/2013: „ecodesign requirements of“

(2) Commission delegated regulation (EU)
No 812/2013: „Energy labelling“ of

water heaters and hot water storage tanks.

- max. operating pressure: 10 bar
- max. operating temperature: 95°C
- all connections acc. to ISO 228-1
- Insulation:
 - 100 mm covered with PS-jacked
 - colour RAL 9022 silver
 - other colours on demand
 - fire classification B2
 - CE-marking
 - CFC free
 - 100 % recycable
- LAS 150 thermostat- and thermometer connections are placed 180° offset
- subject to technical changes

Capacity	150	200	300	400	500	500	600	750	1000	1000
----------	-----	-----	-----	-----	-----	-----	-----	-----	------	------

Measures in mm

H1	65	65	65	65	65	65	65	80	80	80
H2	310	305	305	350	350	365	385	400	430	430
H3	380	455	455	505	505	520	540	550	580	580
H4	590	600	850	870	1120	885	1155	1165	1200	950
H5	570	700	950	970	1220	985	1255	1265	1300	1050
H6	730	900	1150	1170	1420	1185	1455	1465	1500	1250
H7	680	1000	1250	1270	1520	1285	1555	1565	1600	1350
H8	780	1150	1400	1420	1670	1435	1705	1715	1750	1500
H9	992	1362	1612	1657	1907	1674	1944	1989	2037	1790
H total with insulation	1125	1495	1745	1790	2040	1807	2077	2123	2171	1924
Diagonal height without insulation ±5	1025	1385	1635	1680	1925	1695	1970	2020	2080	1850
D1 diameter without insulation	500	500	500	600	600	650	650	750	850	900
D2 diameter with insulation	700	700	700	800	800	850	850	950	1050	1100
Weight (kg)	33	45	44	54	59	69	79	100	134	127
Energy efficiency class	B	B	B	B	B	B	B	C	C	C
Standing losses „S“ in Watt/h	43	47	56	68	78	75	86	102	119	114

Connections

Inspection flange*	120/180	120/180	120/180	120/180	120/180	120/180	120/180	120/180	120/180	120/180
Cold and hot water	G 1 1/4"	G 1 1/4"	G 1 1/4"	G 1 1/2"	G 1 1/2"	G 1 1/2"	G 1 1/2"	G 2"	G 2"	G 2"
Loading	G 1 1/4"	G 1 1/4"	G 1 1/4"	G 1 1/2"	G 1 1/2"	G 1 1/2"	G 1 1/2"	G 2"	G 2"	G 2"
Circulation return	G 3/4"	G 3/4"	G 3/4"	G 3/4"	G 3/4"	G 3/4"	G 3/4"	G 3/4"	G 3/4"	G 3/4"
Thermostat	G 1/2"	G 1/2"	G 1/2"	G 1/2"	G 1/2"	G 1/2"	G 1/2"	G 1/2"	G 1/2"	G 1/2"
Thermometer	G 1/2"	G 1/2"	G 1/2"	G 1/2"	G 1/2"	G 1/2"	G 1/2"	G 1/2"	G 1/2"	G 1/2"
Venting	G 1"	G 1"	G 1"	G 1"	G 1"	G 1"	G 1"	G 1"	G 1"	G 1"

* special equipment for electric heater: Flange cover with sleeve G 1 1/2"