



Typ SWPS

Domestic hot water heater exclusively stainless steel to ANSI 316L / 316 Ti

From 300 to 1000 liter

- Water heater with two internal smooth tube heat exchanger for combination with heat pumps and solar thermal
- Corrosion resistant
- Connection for electric heater G 1 1/2"
- Heating in the lower ground area also
- Hygienic through smooth pipe register

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 treated and inert.

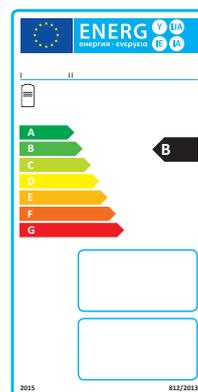
Operating pressure	max. 10 bar
Operating pressure smooth pipe register	max. 25 bar
Operating temperature	max. 95° C
Operating temperature smooth pipe register	max. 110° C

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 12 kW
- Flange heater 15 kW

Insulation:

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



European energy label



Head quarter:

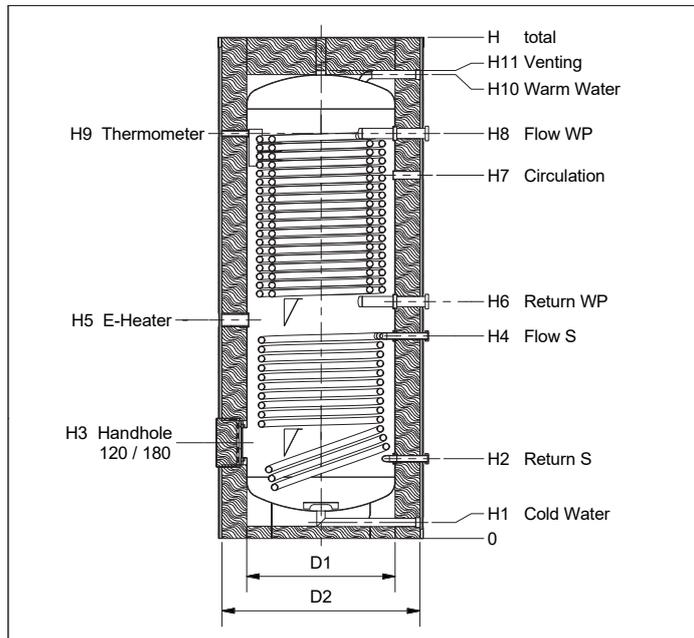
DINOX-D®
Edelstahlprodukte GmbH
Im Hegen 14 a
D-22113 Oststeinbek
Tel. +49(0)40-71 39 09-28
Fax +49(0)40-71 39 09-87
info@dinox-d.de
www.dinox-d.de

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 heater stainless steel ANSI 316 Ti produced



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 pressure smooth pipe register: 25 bar
- max. operating temperature: 95° C
- max. operating temperature smooth pipe register: 110° C
- with two internal smooth pipe register
- 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
 - 100 % recyclable
 - CFC free
 - insulation for retrofitting
- subject to technical changes

Capacity	300	400	500	750	1000
----------	-----	-----	-----	-----	------

Measures in mm

H1	65	65	65	80	80
H2	300	325	325	375	400
H3	365	390	390	440	465
H4	800	825	825	915	940
H5	860	890	890	980	1005
H6	915	940	965	1055	1080
H7	1250	1275	1480	1530	1555
H8	1390	1415	1650	1700	1725
H9	1390	1415	1650	1700	1725
H10	1600	1640	1890	1970	2010
H11	1612	1660	1910	1997	2037
H total with insulation	1750	1790	2040	2147	2187
Diagonal height withoutt insulation ±5	1635	1720	1960	2070	2135
D1 diameter without insalation	500	600	600	750	850
D2 diameter with insulation	700	800	800	950	1050
Weight (kg)	94	123	150	203	251
Energy efficiency class	B	B	B	C	C
Standing losses „S“ in Watt/h	56	68	78	102	119

Connections

Inspection flange*	120/180	120/180	120/180	120/180	120/180
Cold and hot water	G 1"	G 1"	G 1"	G 1 ½"	G 1 ½"
Circulation return	G ¾"				
Thermometer	G ½"				
Sensor terminal strip	3x300	3x300	3x300	3x300	3x300
Venting	G 1"				
Electric heater	G 1 ½"				
Heating register above	AG 2"				
Heating register below	AG 1 ¼"				
Heating surface above in m²	2,5	3,1	4,5	5,8	6,6
Heating surface below in m²	1,4	1,6	1,7	2,5	2,9

Performance data

Performance factor acc. to DIN 4708 above	7	12	17	32	41
Performance factor acc. to DIN 4708 below	8	13	19	33	43

* special equipment for electric heater: Flange cover with sleeve G 1 ½"