

Storatherm Aqua

Potable water storage tank

Storage water heater with a bare tube heat exchanger

Energieeffizienzklasse
Energy efficiency class
A

Energieeffizienzklasse
Energy efficiency class
B

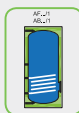
Energieeffizienzklasse
Energy efficiency class
C

- Standing storage for all heating systems, with a bare tube heat exchanger
- Enamelling in accordance to DIN 4753 T3 with magnesium anode, thermometer, adjustable stand and inspection aperture included
- Storage up to 500 liter (Type AF .../1M) with added Rp 1½" sleeve
- Up to 2000 liter mounted insulation delivery
- Allowed overpressure: heating water 16 bar, potable water 10 bar
- Allowed temperature: heating water 110 °C, potable water 95 °C



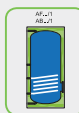
AB/AF 100/1–3000/1

Overview Storatherm Aqua



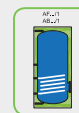
AF .../1M
Potable water storage tank with a bare tube heat exchanger and additional sleeve for e-heating

Insulation
rECOflex Insulation system with foil shell



AF .../1
Potable water storage tank with a bare tube heat exchanger

Insulation
up to 1000l: 100 mm Fleece-Insulation with foil shell, removable
from 1500l: 120 mm Fleece-Insulation with foil shell, removable



AB .../1
Potable water storage tank with a bare tube heat exchanger

Insulation
rECOflex Insulation system with steel plate front shell

Type	Article no. white	Article no. silver	Trading group	Nominal volume l	Ø D mm	Height H	Diagonal height mm	Weight kg	Heating surface m²	Standby heat loss W	EEC*
AF 150/1M_B	7861600	7861100	60	157	540	1222	1290	67	0,75	56	B
AF 200/1M_B	7861700	7861200	60	196	600	1473	1530	79	0,95	55	B
AF 200/1M_C	7847600	7847100	60	196	540	1473	1530	79	0,95	68	C
AF 300/1M_A	7863400	7863300	60	304	750	1334	1472	117	1,45	46	A
AF 300/1M_B	7861800	7861300	60	304	700	1334	1472	117	1,45	69	B
AF 400/1M_B	7861900	7861400	60	385	750	1631	1738	137	1,80	69	B
AF 400/1M_C	7847800	7847300	60	385	700	1631	1738	137	1,80	84	C
AF 500/1M_B	7862000	7861500	60	473	750	1961	2044	186	1,90	73	B
AF 500/1M_C	7847900	7847400	60	473	700	1961	2044	189	1,90	99	C
AF 750/1_C	7848000	-	60	744	950	2023	1990	259	3,70	123	C
AF 1000/1_C	7848100	-	60	970	1050	2050	2025	322	4,50	142	C
AF 1500/1_C	7848200	-	52	1500	1240	2216	2520	480	6,00	171	C
AF 2000/1_C	7848300	-	52	2000	1440	2126	2545	650	7,00	188	C
AF 3000/1	7848400	-	52	2800	1440	2878	3300	790	9,50	-	-
AB 100/1_C	-	7846400	60	99	512	849	960	50	0,61	50	C
AB 150/1_B	-	7846500	60	157	540	1222	1290	67	0,75	56	B
AB 200/1_C	-	7846600	60	196	540	1473	1530	79	0,95	68	C
AB 300/1_B	-	7846700	60	304	700	1334	1472	117	1,45	69	B
AB 400/1_C	-	7846800	60	385	700	1631	1738	137	1,80	84	C
AB 500/1_C	-	7846900	60	473	700	1961	2044	189	1,90	99	C

*EEC = Energy efficiency class

Characteristics of exegesis


Potable water storage tank with an additional sleeve for e-heating

rECOflex insulation with foil shell

Type	Article no.		Nominal volume	Diameter with insulation	Height with insulation	Diagonal height	Insulation thickness	Continuous output		Performance rating	Standby heat loss	Energy efficiency class
	White	silver	l	mm	mm	mm	mm	kW	l/h	N _L	W	
AF 150/1M_B	7861600	7861100	157	540	1222	1290	50	25	615	2,4	56	B
AF 200/1M_B	7861700	7861200	196	600	1473	1530	75	31	760	4,2	55	B
AF 200/1M_C	7847600	7847100	196	540	1473	1530	50	31	760	4,2	68	C
AF 300/1M_A	7863400	7863300	304	750	1334	1455	50	48	1170	8,4	46	A
AF 300/1M_B	7861800	7861300	304	700	1334	1472	50	48	1170	8,4	69	B
AF 400/1M_B	7861900	7861400	385	750	1631	1738	75	57	1395	15,2	69	B
AF 400/1M_C	7847800	7847300	385	700	1631	1738	50	57	1395	15,2	84	C
AF 500/1M_B	7862000	7861500	473	750	1961	2044	75	65	1590	19,1	73	B
AF 500/1M_C	7847900	7847400	473	700	1961	2044	50	65	1590	19,1	99	C


Potable water storage tank for e-heating

 up to 1000 l: 100 mm Fleece-insulation with foil shell, removable
 from 1500 l: 120 mm Fleece-insulation with foil shell, removable

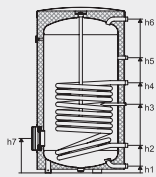
Type	Article no. white	l	mm	mm	mm	mm	mm	kW	l/h	N _L	W	Energy efficiency class
AF 750/1_C	7848000	744	750/950	1932/2023	1990	100	99	2440	30,5	123	C	C
AF 1000/1_C	7848100	970	850/1050	1959/2050	2025	100	110	2715	38,8	142	C	C
AF 1500/1_C	7848200	1500	1000/1240	2109/2216	2520	120	156	3864	48,0	171	C	C
AF 2000/1_C	7848300	2000	1200/1440	2019/2126	2545	120	196	4827	57,0	188	C	C
AF 3000/1	7848400	2800	1200/1440	2784/2878	3300	120	254	6260	66,0	-	-	-


Potable water storage tank for e-heating

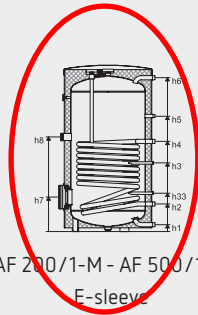
rECOflex insulation system with steel plate front shell

Type	Article no. silver	l	mm	mm	mm	mm	mm	kW	l/h	N _L	W	Energy efficiency class
AB 100/1_C	7846400	99	512	849	960	50	19	480	1,3	50	C	C
AB 150/1_B	7846500	157	540	1222	1290	50	25	615	2,4	56	B	B
AB 200/1_C	7846600	196	540	1473	1530	50	31	760	4,2	68	C	C
AB 300/1_B	7846700	304	700	1334	1472	50	48	1170	8,4	69	B	B
AB 400/1_C	7846800	385	700	1631	1738	50	57	1395	15,2	84	C	C
AB 500/1_C	7846900	473	700	1961	2044	50	65	1590	19,1	99	C	C

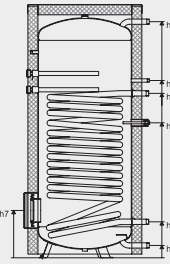
Geometric Data



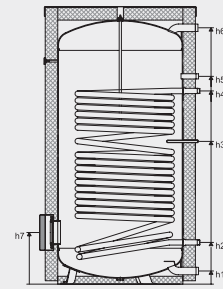
AB 150/1 – AB 500/1



AF 200/1-M – AF 500/1-M
E-sleeve



AF 750/1 – AF 1000/1
2 x Mg-Anode



AF 1500/1 – AF 3000/1
external current anode

Technical Data		Type	AB 100/1	AF 150/1 AB 150/1	AF 200/1 AB 200/1	AF 200/1-M	AF 300/1 AB 300/1	AF 300/1-M	AF 400/1 AB 400/1	AF 400/1-M	AF 500/1 AB 500/1	AF 500/1-M	AF 750/1	AF 1000/1	AF 1500/1	AF 2000/1	AF 3000/1
		Weight	kg		50	67	79	79	117	117	137	137	189	189	259	322	480
Warm water	R		¾	¾	¾	¾	1	1	1	1	1	1	1¼	1¼	2	2	2
	h6	mm	740	1110	1366	1366	1229	1229	1526	1526	1853	1853	1886	1900	2048	1937	2691
Cold water	R		¾	¾	¾	¾	¾	¾	¾	¾	¾	¾	¾	¾	1¼	1¼	2
	h1	mm	55	55	55	55	55	55	55	55	55	55	99	103	105	118	156
Circulation	R		¾	¾	¾	¾	¾	¾	¾	¾	¾	¾	¾	¾	1¼	1¼	2
	h5	mm	605	734	899	899	921	921	1112	1112	1264	1264	1417	1489	1660	1670	2406
Heating flow	R		1	1	1	1	1	1	1	1	1	1	1¼	1¼	1¼	1¼	1¼
	h4	mm	523	598	686	686	721	721	909	909	965	965	1314	1324	1543	1568	1930
Heating return	R		1	1	1	1	1	1	1	1	1	1	1¼	1¼	1¼	1¼	1¼
	h2	mm	193	193	191	191	221	221	221	221	220	220	288	296	333	360	396
Sensor tube	Ø x mm		16x200	16x200	16x200	16x200	16x200	16x200	16x200	16x200	16x200	16x200	16x200	16x200	16x250	16x250	16x250
	h3	mm	428	458	506	506	549	549	684	684	695	695	1079	1087	1140	1175	1470
	h33	mm	-	-	-	282	-	307	-	369	-	381	-	-	-	-	-
Blind flange	DN		Rp 1½	110	110	110	110	110	110	110	110	110	180	80	180	180	180
	LK		-	150	150	150	150	150	150	150	150	150	225	225	225	225	225
	h7	mm	248	248	246	246	276	276	275	275	275	275	378	386	412	443	481
Socket e-heating G 1½	h8	mm	-	-	-	743	-	755	-	957	-	1040	-	-	-	-	-
Anode			1 x Mg	1 x Mg	1 x Mg	1 x Mg	1 x Mg	1 x Mg	1 x Mg	1 x Mg	1 x Mg	1 x Mg	2 x Mg	2 x Mg	FSA	FSA	FSA
Heating surface	m²		0,61	0,75	0,95	0,95	1,45	1,45	1,8	1,8	1,9	1,9	3,7	4,5	6,0	7	9,5
Content heat exchanger	l		4,1	4,9	6,4	6,4	10,1	10,1	12,6	12,6	13,3	13,3	33,7	40,6	55,2	64,5	86,7
Max. thread depth of EFHR	mm		-	320	320	320	495	495	510	510	510	510	610	740	740	740	740
Max. thread depth of EEHR	mm		-	-	-	460	-	550	-	610	-	610	-	-	-	-	-

FSA = Impressed current anode, Mg = Magnesium anode, EEHR = Electrical screw-in heater, EFHR = Electrical screw-in heater for flange-mounting