

Buffer tanks

Storatherm Heat Combi combination storage tank for heating and hot water preparation



HC 500/1 – 1,500/1

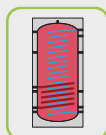


HC 500/2 – 1,500/2

Technical Features

- combination hygienic storage tank for hot water preparation and backup heating
- DHW heating using the continuous flow principle (corrugated stainless steel pipe – AISI 316L / 1.4404)
- tank not treated inside, plastic-coated outside
- insulation factory fitted
- max. permissible operating overpressure:
 - tank
 - HC 500_C – HC 1,000_C 3 bar
 - HC 500/1_B 4 bar
 - HC 1,500_C 6 bar
 - heating water 10 bar
 - potable water 6 bar
- max. permissible operating temperature:
 - tank 95 °C
 - heating water 110 °C
 - potable water 95 °C

Type overview

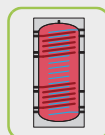


HC.../1

combination storage tank with one heating coil and a corrugated stainless steel tube for heating potable water according to the continuous flow principle

insulation

120 mm fleece insulation with foil jacket, removable



HC.../2

combination storage tank with two heating coils and a corrugated stainless steel tube for heating potable water according to the continuous flow principle

insulation

120 mm fleece insulation with foil jacket, removable

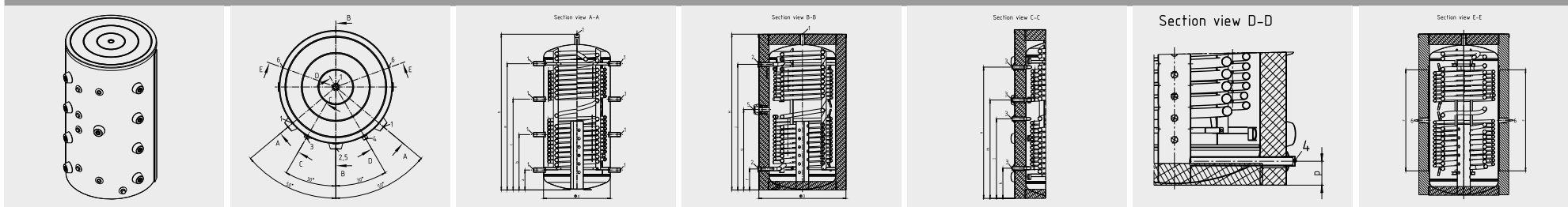
Storatherm Heat Combi combination storage tank for heating and hot water preparation

Type	Art. No.	EEC ¹	Nenninhalt Pufferspeicher	Nominal content HE solar	Nenninhalt HE above	Heating surface	Heating surface solar	Max. Installation- length EEHR	Tilted dimension	Weight
	silver		[l]	[l]	[l]	[m²]	[m²]	[mm]	[mm]	[kg]
Storatherm Heat Combi HC .../1 combination tank with one additional heating coil										
HC 500/1_C	7859200	C	438	–	12	1,64	–	531	2011	92,00
HC 800/1_C	7859300	C	715	–	19	2,66	–	698	1921	131,00
HC 1000/1_C	7859400	C	844	–	19	2,66	–	678	2201	152,00
HC 1500/1_C	7859500	C	1333	–	15	2,17	–	868	2241	219,00
Storatherm Heat Combi HC .../2 combination tank with two additional heating coils										
HC 500/2_C	7859600	C	429	12	8	1,15	1,64	531	2011	106,00
HC 800/2_C	7859700	C	715	19	12	1,62	2,66	698	1921	152,00
HC 1000/2_C	7859800	C	844	19	12	1,62	2,66	678	2201	179,00

¹ Energy efficiency class

Storatherm Heat Combi combination storage tank for heating and hot water preparation

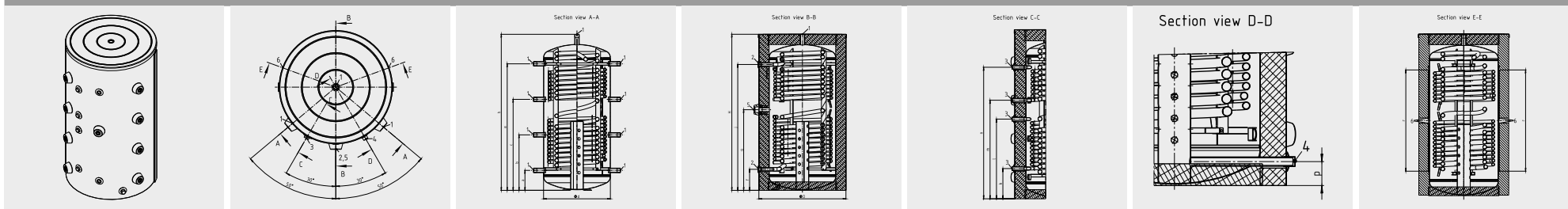
Geometric data



Type	Diameter	Diameter without insulation	Height connection											Height of connection Return flow switch	Height without insulation	Max. height
	HRL	HVL	SRL	SVL	TRRL	TRVL	socket / flange 1	socket / flange 2	socket / flange 3	socket / flange 4	socket / flange 5					
	D [mm]	d [mm]	k [mm]	l [mm]	m [mm]	n [mm]	f [mm]	j [mm]	a [mm]	b [mm]	c [mm]	e [mm]	g [mm]	p [mm]	h [mm]	H [mm]
Storatherm Heat Combi HC .../1 combination tank with one additional heating coil																
HC 500/1_C	838	597	295	795	–	–	242	1657	235	713	1193	1667	895	110	1971	1972
HC 800/1_C	1028	790	330	870	–	–	249	1489	236	656	1076	1496	954	110	1845	1847
HC 1000/1_C	1028	790	330	870	–	–	249	1774	310	768	1228	1681	1068	110	2135	2142
HC 1500/1_C	1240	1000	431	975	–	–	356	1706	341	798	1258	1716	1140	173	2139	2150
Storatherm Heat Combi HC .../2 combination tank with two additional heating coils																
HC 500/2_C	838	597	295	795	1265	1615	242	1657	235	713	1193	1667	895	110	1971	1972
HC 800/2_C	1030	790	330	870	1076	1436	249	1489	236	656	1076	1496	954	110	1845	1847
HC 1000/2_C	1030	790	330	870	1276	1726	249	1774	310	768	1228	1681	1068	110	2135	2142

Storatherm Heat Combi combination storage tank for heating and hot water preparation

Geometric data



Type	Connection for instantaneous water heating 2	Connection heating surface(s) 3	Connection socket EEHR 5	Connection socket/flange 1	Return flow switch connection 4
Storatherm Heat Combi HC .../1 combination tank with one additional heating coil					
HC 500/1_C	Rp 1"	R 1"	G 1 1/2"	G 1 1/2"	R 1 1/4"
HC 800/1_C	Rp 1 1/4"	R 1 1/4"	G 1 1/2"	G 1 1/2"	R 1 1/4"
HC 1000/1_C	Rp 1 1/4"	R 1 1/4"	G 1 1/2"	G 1 1/2"	R 1 1/4"
HC 1500/1_C	Rp 1 1/4"	R 1 1/4"	G 1 1/2"	G 1 1/2"	R 1 1/4"
Storatherm Heat Combi HC .../2 combination tank with two additional heating coils					
HC 500/2_C	Rp 1"	R 1"	G 1 1/2"	G 1 1/2"	R 1 1/4"
HC 800/2_C	Rp 1 1/4"	R 1 1/4"	G 1 1/2"	G 1 1/2"	R 1 1/4"
HC 1000/2_C	Rp 1 1/4"	R 1 1/4"	G 1 1/2"	G 1 1/2"	R 1 1/4"

Storatherm Heat Combi combination storage tank for heating and hot water preparation

pressure loss

Storatherm Heat Combi
 500/1, 500/2, 800/1 & 1000/1, 800/2,
 1000/2, 1500/1, 1500/2

