

Storatherm Heat Combi

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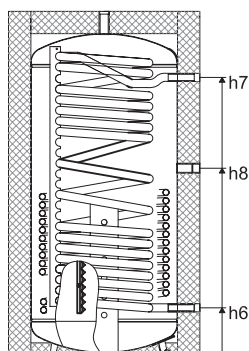
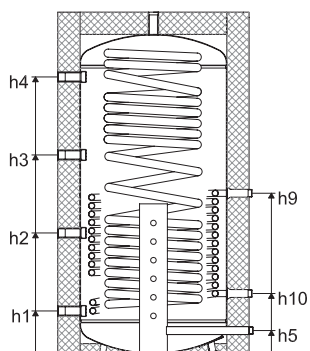
Hygienic storage tank for hot water and back-up for heating systems

- Storage tank made of high-grade steel S235JRG2 (RSt 37-2)
- Hot water heating in a large-volume corrugated stainless steel pipe
- Incl. 120 mm polyester fleece insulation with a silver PS outer cladding
- Untreated on the inside, with an outer plastic coating
- With coupling 1 1/2" for the optional installation of supplementary electric heating
- Operating conditions: Storage tank max. 95 °C / 3 bar, potable water max. 95 °C / 6 bar, heating water max. 110 °C / 10 bar

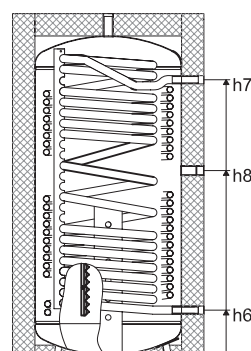
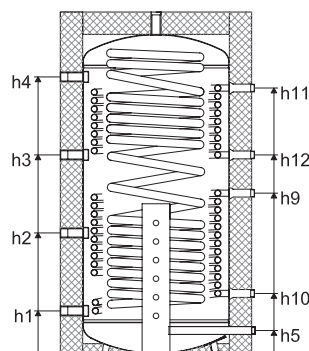


Hygienic storage tank with one heating coil Insulation: Polyester fleece with PS outer cladding			Nominal volume	Diameter without / with insulation	Height without = with insulation	Diagonal height	Insulation thickness	Tapping output t _{kw} =10 °C; t _{ww} =45 °C t _{puffer} =65 °C Tapping 10 l/min	Continuous output heating t _{kw} =10 °C; t _{ww} =45 °C; t _{hw} =80 °C		Performance rating heating t _{kw} =10 °C; t _{ww} =45 °C; t _{sp} =60 °C	Standby heat loss	Energy efficiency class
	Type	Article no.	l	mm	mm	mm	mm	l	kW	l/h	NL	kWh/24h	
	HC 500/1	8601000	428	600 / 840	1970	1974	120	299	29	605	n.a.	n.a.	n.a.
	HC 800/1	8601010	722	790 / 1030	1850	1870	120	409	47	993	n.a.	n.a.	n.a.
	HC 1000/1	8601020	852	790 / 1030	2140	2153	120	495	47	983	n.a.	n.a.	n.a.
	HC 1500/1	8601030	1332	1000/1240	2130	2178	120	737	39	813	n.a.	n.a.	n.a.

Hygienic storage tank with two heating coils Insulation: Polyester fleece with PS outer cladding			Nominal volume	Diameter with / without insulation	Height	Diagonal height	Insulation thickness	Tapping output t _{kw} =10 °C; t _{ww} =45 °C t _{puffer} =65 °C Tapping 10 l/min	Continuous output heating t _{kw} =10 °C; t _{ww} =45 °C; t _{hw} =80 °C		Continuous output solar t _{kw} =10 °C; t _{ww} =45 °C; t _{hw} =80 °C		Performance rating heating t _{kw} =10 °C; t _{ww} =45 °C; t _{sp} =60 °C	Performance rating solar t _{kw} =10 °C; t _{ww} =45 °C; t _{sp} =60 °C	Standby heat loss	Energy efficiency class
	Type	Article no.	l	mm	mm	mm	mm	l	kW	l/h	kW	l/h	NL	NL	kWh/24h	
	HC 500/2	8601050	418	600 / 840	1970	1974	120	299	21	431	29	605	n.a.	n.a.	n.a.	n.a.
	HC 800/2	8601060	706	790 / 1030	1850	1870	120	409	32	662	47	983	n.a.	n.a.	n.a.	n.a.
	HC 1000/2	8601070	833	790 / 1030	2140	2153	120	495	40	832	47	983	n.a.	n.a.	n.a.	n.a.
	HC 1500/2	8601080	1317	1000/1240	2130	2178	120	737	27	567	39	813	n.a.	n.a.	n.a.	n.a.



HC 500/1 – HC 1500/1



HC 500/2 – HC 1500/2

Technical Data			Type	HC 500/1	HC 500/2	HC 800/1	HC 800/2	HC 1000/1	HC 1000/2	HC 1500/1	HC 1500/2
Weight		kg		92	106	131	152	152	179	219	237
Connection heating source	h1	Rp		1 ½	1 ½	1 ½	1 ½	1 ½	1 ½	1 ½	1 ½
		mm		255	255	236	236	310	310	341	341
Connection heating source	h2	Rp		1 ½	1 ½	1 ½	1 ½	1 ½	1 ½	1 ½	1 ½
		mm		703	703	656	656	768	768	798	798
Connection heating source	h3	Rp		1 ½	1 ½	1 ½	1 ½	1 ½	1 ½	1 ½	1 ½
		mm		1183	1183	1076	1076	1228	1228	1258	1258
Connection heating source	h4	Rp		1 ½	1 ½	1 ½	1 ½	1 ½	1 ½	1 ½	1 ½
		mm		1657	1657	1496	1496	1681	1681	1716	1716
Connection heating return	h5	R		1 ¼	1 ¼	1 ¼	1 ¼	1 ¼	1 ¼	1 ¼	1 ¼
		mm		109	109	110	110	110	110	173	173
Connection solar flow bottom	h9	R		1	1	1 ¼	1 ¼	1 ¼	1 ¼	1 ¼	1 ¼
		mm		785	785	870	870	870	870	975	975
Connection solar return bottom	h10	R		1	1	1 ¼	1 ¼	1 ¼	1 ¼	1 ¼	1 ¼
		mm		255	255	330	330	330	330	431	431
Connection solar flow top	h11	R		-	1	-	1 ¼	-	1 ¼	-	1 ¼
		mm		-	1605	-	1436	-	1726	-	1616
Connection solar return top	h12	R		-	1	-	1 ¼	-	1 ¼	-	1 ¼
		mm		-	1255	-	1076	-	1276	-	1208
Warm water		Rp		1	1	1 ¼	1 ¼	1 ¼	1 ¼	1 ¼	1 ¼
	h7	mm		1652	1652	1490	1490	1774	1774	1706	1706
Cold water		R		1	1	1 ¼	1 ¼	1 ¼	1 ¼	1 ¼	1 ¼
	h6	mm		238	238	249	249	247	247	356	356
Socket E-heating G 1 ½	h8	mm		890	890	954	954	1068	1068	1140	1140
Heating surface potable water		m²		3,9	3,9	5,4	5,4	6,8	6,8	7,5	7,5
Content heat exchanger potable water		l		27	27	37	37	47	47	52	52
Heating surface solar bottom		m²		1,6	1,6	2,6	2,6	2,6	2,6	2,15	2,15
Content heat exchanger solar bottom		l		12	12	20	20	20	20	15,5	15,5
Heating surface solar top		m²		-	1,14	-	1,75	-	2,2	-	1,5
Content heat exchanger solar top		l		-	8,2	-	12,8	-	16	-	11,7
Pressure loss bottom at 1 m³/h		mbar		n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
at 2 m³/h		mbar		n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
at 3 m³/h		mbar		n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
at 4 m³/h		mbar		n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
at 5 m³/h		mbar		n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Pressure loss bottom at 1 m³/h		mbar		n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
at 2 m³/h		mbar		n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
at 3 m³/h		mbar		n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
at 4 m³/h		mbar		n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
at 5 m³/h		mbar		n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.