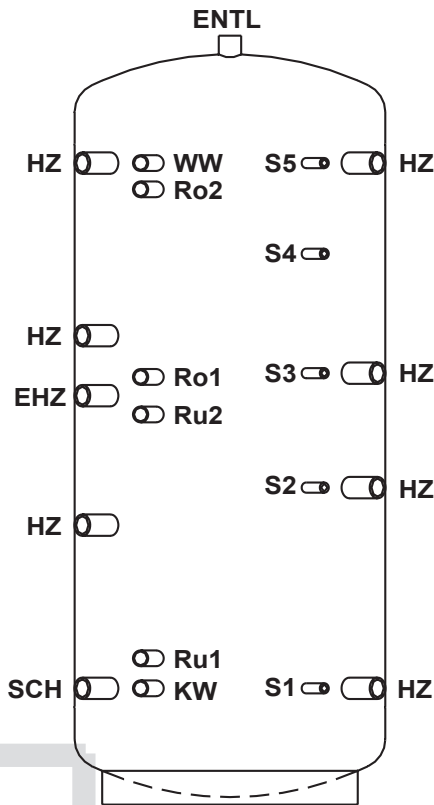


Hygienic stratified storage tank hyGenio - Technical data



SCH	6/4" connection - stratification
HZ	6/4" connection - heating backup
EHZ	6/4" electrical heating cartridge
Ru1	1" solar exchanger below return (cold)
Ru2	1" solar exchanger below flow (warm)
Ro1	1" solar exchanger above return (cold)
Ro2	1" solar exchanger above flow (warm)
KW	1" connection for cold water (domestic water)
WW	1" connection for warm water (domestic water)
ENT.L.	6/4" ventilation
S1-5	1/2" sensors for controller

The guarantee period is 5 years if these items are followed:

- The connection of the tank has to be carried out by an authorized plumber company!
- Installation of a safety valve 6 bar into the cold water supply
- Installation of an expansion vessel into the cold water supply
- Installation of a filter into the cold water supply
- Water of drinking water quality and chloride content lower than 70 mg/lit.

Technical data:

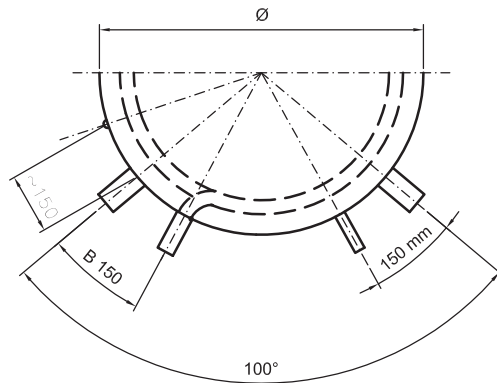
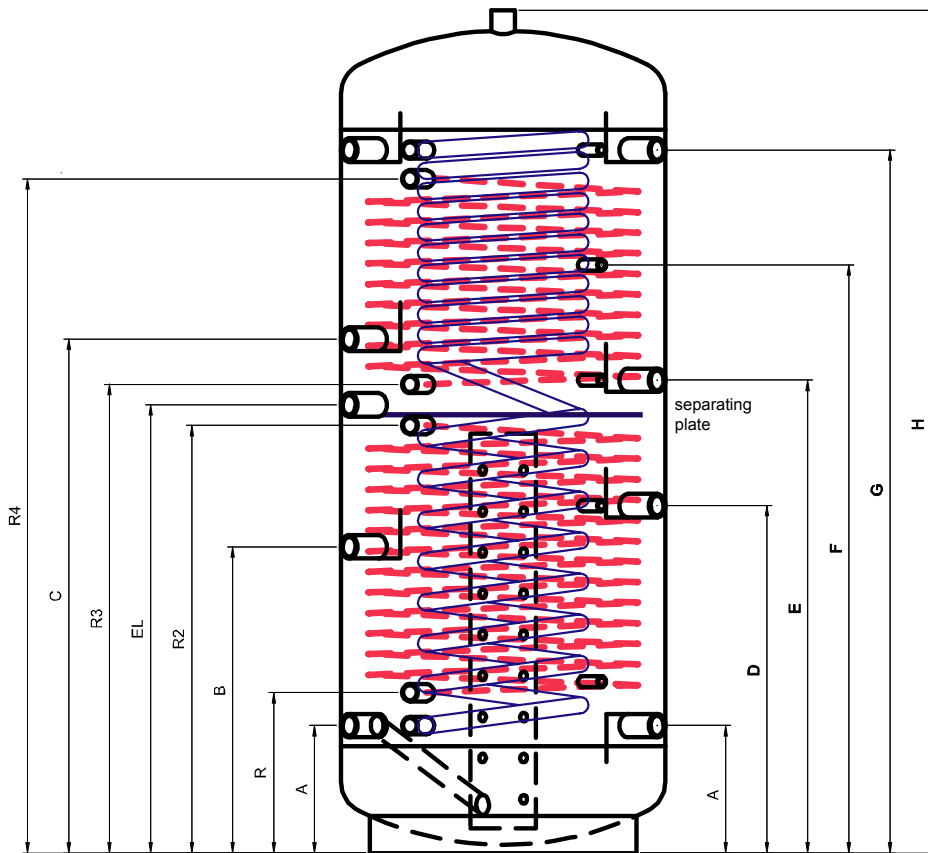
max. operating pressure solar exchanger 6 bar
 max. operating pressure domestic water exchanger 6 bar
 max. operating pressure backup 3 bar
 max. operating temperature 90°C

Technical data:

Volume of the tank:	Liter	600	800	1000	1250	1500	2000
Temperature of heating water (flow)	°C	80	80	80	80	80	80
Surface of corrugated pipe (exchanger)	m ²	5	5,4	7,5	7,5	9	12
Water content	Liter	38	43	58	58	76	93
Performance characteristic	NL	1,8	3,6	4,1	4,8	5,2	5,8
Pressure loss continuous flow heater	mbar	160	180	180	180	200	220
Continuous output	l/h	1900	2100	3400	3400	3800	4100
Peak-capacity	l/10 min	510	630	780	800	920	1020
Input	kW	77,3	85,4	138,4	138,4	154,6	166,9
Solar exchanger above	m ²	1,2	1,8	2,4	2,4	2,4	2,8
Water content	Liter	7,38	11,07	14,77	14,77	14,77	17,23
Solar exchanger below	m ²	1,8	2,4	3	3	3,6	4,2
Water content	Liter	11,07	14,77	18,46	18,46	22,15	25,84
Weight (empty) with 1 solar exchanger	kg	166	190	239	274	307	347
Weight (empty) with 2 solar exchangers	kg	184	217	275	310	343	388
*) Recommended expansion vessels according to DIN 4807 T5	Liter	12	12	18	18	25	25

*) Bases of calculation: primary pressure: 3,8 bar, safety valve: 6 bar, static pressure: 4 bar, tank temperature: 80°C

Hygienic stratified storage tank hyGenio - Dimensions



Vol.	Dimensions in mm															Tilt height	Ø incl. ins.	Exchanger	
	LT	A	B	C	D	G	F	H	ø	EL	R1	R2	R3	R4	WW			KW	above
600	235	620	1010	1395	720	910	1640	700	895	335	845	945	1295	1395	235	1740	900	1,2	1,8
800	260	630	1030	1430	730	930	1700	790	915	365	865	965	1324	1425	265	1800	990	1,8	2,4
1000	310	745	1250	1710	845	1150	2050	790	1090	390	1040	1140	1640	1720	300	2150	990	2,4	3,0
1250	295	730	1240	1700	830	1140	2000	950	1080	380	1030	1130	1630	1710	290	2200	1150	2,4	3,0
1500	335	825	1350	1760	925	1250	2150	1000	1150	450	1100	1200	1670	1770	350	2270	1200	2,4	3,6
2000	325	900	1490	2035	1000	1390	2380	1100	1275	425	1225	1325	1935	2035	325	2610	1300	2,8	4,2