

G-Energy SV Buffer Tank

A buffer tank with three connections for electric immersion heaters. The 501-litre models are equipped with three connections for electric immersion heaters, the 750-litre model with three or six connections and 1,000-litre models come with three, six or eight electric immersion heater connections. Electric immersion heaters are ordered separately.

According to need, the tank is equipped with electric immersion heaters to ensure sufficient heating and domestic hot water. Equipping the tank with electric immersion heaters enables, for instance, a wood-heated house to be heated with electricity during a holiday trip.

The accumulator tank is made out of steel, primed, and pressure tested. The insulation in 501L and 1000L SV buffer tanks is made out of die-cast closed-cell polyurethane, which has extremely good thermal insulation capacity and minimal thermal loss. As standard, the insulation is made out of detachable segments, which are easy to detach and reattach. The outer surface of the insulation segments is made out of painted steel plate with a protective coating. The insulation in 750-litre SV buffer tank is made of polyester fibre, and the insulation has PVC coating. The removable insulation can be removed by opening the zipper.

The steel framework on the base of the accumulator makes hauling easier. 1,000-litre accumulators are also available in a low-height model. In the model, the steel framework on the base of the accumulator has two parts; the lower section can be removed before installation. The low-height model is 2,000 mm tall with the insulation in place, and 1,980 mm with the insulation detached.



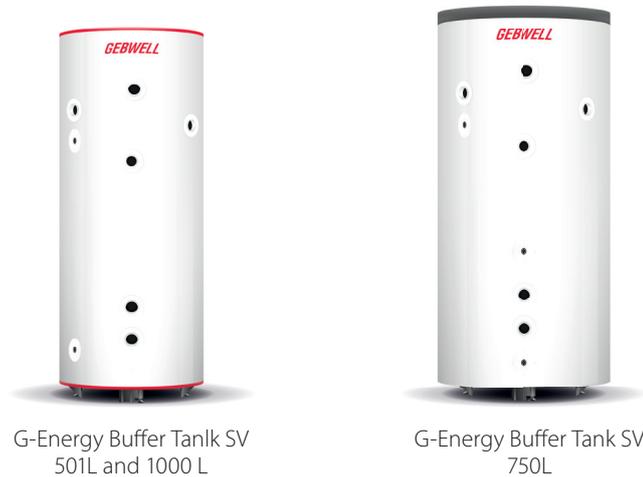
Tank connections and connection sizes

1. Charging/heating, R2"
2. Measurement, R1/2"
- the lowermost on side R1" (2/4)
3. Venting, R2"
4. Drainage, R1"
5. Electric immersion heater, R2"



Model		SV Buffer Tank 501 L	SV buffer tank 750 L 3 bar 3SV	SV buffer tank 750 L 3 bar 6SV	SV buffer tank 750 L 6 bar 3SV	SV buffer tank 750 L 6 bar 6SV
GTIN number (64158...)		6415853623933	6415853626408	6415853626392	6415853626422	6415853626415
Tank capacity	L	501	750	750	750	750
Height	mm* **	2010 / 2050	2030 / 2130	2030 / 2130	2030 / 2130	2030 / 2130
Diameter	mm**	600 / 780	750 / 930	750 / 930	750 / 930	750 / 930
Tilt measurement	mm***	2100	2100	2100	2100	2100
Weight	kg	180	230	230	230	230
Connection sizes, #1		2"	2"	2"	2"	2"
Number of el. immersion heater connections	pc	3	3	6	3	6
Max electric immersion heater capacity	kW		12	12	12	12
Max temperature	°C	110	110	110	110	110
Max operating pressure	bar	3	3	3	6	6

* +Levelling feet 0-60mm ** Measurements: insulation removed/installed (insulation thickness 501L: 90mm and 750L: 100mm) *** Tilt measurement with insulation detached



Model		SV Buffer Tank 1000 L	SV buffer tank 1000 L 3 bar 6SV	SV buffer tank 1000 L 6 bar 6SV	SV buffer tank 1000 L 6 bar 8SV DN65
GTIN number (64158...)	standard model	6415853626026	6415853626262	6415853626286	6415853626705
	low-height model	6415853626118	6415853626279	6415853626293	6415853626309
Tank capacity	L	1000	1000	1000	1000
Height standard	mm* **	2130 / 2150	2130 / 2150	2130 / 2150	2130 / 2150
Height low-height		1980 / 2000	1980 / 2000	1980 / 2000	1980 / 2000
Diameter	mm**	850 / 1030	850 / 1030	850 / 1030	850 / 1030
Tilt measurement standard	mm***	2200	2200	2200	2200
Tilt measurement low-height	mm***	2100	2100	2100	2100
Weight	kg	260	260	260	260
Connection sizes, #1		2"	2"	2"	DN65
Number of el. immersion heater connections	pc	3	6	6	8
Max electric immersion heater capacity	kW	12	12	12	12
Max temperature	°C	110	110	110	110
Max operating pressure	bar	3	3	6	6

* +Levelling feet 0-60mm ** Measurements: insulation removed/installed (insulation thickness 90mm) *** Tilt measurement with insulation detached