

G-Energy SV Buffer Tank

A buffer tank with three connections for electric heaters.

According to need, the tank is equipped with electric heaters to ensure sufficient heating and domestic hot water. Equipping the tank with electric 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 accumulator insulation is made out of pressure 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 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. Heater, R2"



Model		SV Buffer Tank 501 L	SV Buffer Tank 1000 L
GTIN number	standard model	6415853623933	6415853626026
	low-height model		6415853626118
Tank capacity	L	501	1000
Height	standard	mm** **	2130 / 2150
Height	low-height		1980 / 2000
Diameter	mm**	600 / 780	850 / 1030
Tilt measurement	standard	mm***	2100
Tilt measurement	low-height	mm***	2100
Weight, kg	kg	180	260
Connection sizes, #1		2"	2"
Number of heater connections	pc	3	3
Max temperature	°C	110	110
Max operating pressure	bar	3	3

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