

## 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 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 steel base on the base of the accumulator makes hauling easier. The base has two parts; the lower section can be removed before installation. When lowered, the height of the 501-litre accumulator is 90 mm, the 750-litre accumulator 130 mm and the 1000-litre accumulator 150 mm lower compared to the standard.

The accumulator has levelling feet with a 60 mm adjustment tolerance that makes it easy to set the accumulator to stand vertically.



### 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"





G-Energy Buffer Tank  
501 L 3SV



G-Energy Buffertank SV 1000  
L 6SV



G-Energy Buffertank SV 1000  
L 8SV DN65

### G-Energy SV buffer tank 501 and 750 L

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		6415853623933	6430079400199	6430079400182	6430079400212	6430079400205
Tank capacity	L	501	750	750	750	750
Height	mm*	2030	2100	2100	2100	2100
Height when lowered	mm*	1940	1970	1970	1970	1970
Diameter	mm**	600 / 780	750 / 930	750 / 930	750 / 930	750 / 930
Tilt measurement	mm***	2100	2100	2100	2100	2100
Weight	kg	180	200	200	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 90mm) \*\*\* Tilt measurement with insulation detached

### G-Energy SV buffer tank 1000 L

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		6415853626026	6415853626262	6415853626286	6415853626705
Tank capacity	L	1000	1000	1000	1000
Height	mm*	2150	2150	2150	2150
Height	mm*	2000	2000	2000	2000
Diameter	mm**	850 / 1030	850 / 1030	850 / 1030	850 / 1030
Tilt measurement	mm***	2200	2200	2200	2200
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