

## G-Energy SV and PW Buffer Tank

Buffer tanks are also available in models equipped with connections for electric immersion heaters, as well as models featuring flanges for domestic hot water preheating coils in addition to the electric heaters.

The G-Energy SV tank is equipped with three connections for electric immersion heaters and can be fitted with electric heaters as required to ensure heating and domestic hot water production. Equipping the tank with electric heaters enables, for example, heating a wood-heated house with electricity while the occupants are away on holiday. Electric heaters are ordered separately.

In addition to the three electric heater connections, the G-Energy PW buffer tank features two flanges for domestic hot water preheating coils. These tanks are suitable both for domestic hot water preheating and as buffer tanks for heating systems.

In heat pump applications, domestic hot water preheating improves the energy efficiency of domestic hot water production and increases the availability of hot water. Coils and electric immersion heaters are ordered separately.

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 SV buffer tank and G-Energy PW buffer tank

Model		SV Buffer Tank 501 L	SV Buffer Tank 750 L	SV Buffer Tank 1000 L		PW Buffer Tank 750L	PW Buffer Tank 1000L
GTIN		6430079400731	6430079400212			6430079400052	6415853623872
Tank capacity	L	501	750	1000		750	1000
Height	mm <sup>1</sup>	2030	2100	2150		2100	2150
Height when lowered	mm <sup>1</sup>	1940	1970	2000		1970	2000
Diameter	mm <sup>2</sup>	600 / 780	750 / 930	850 / 1030		750 / 930	850 / 1030
Tilt measurement	mm <sup>3</sup>	2100	2100	2200		2100	2200
Weight	kg	180	230	260		230	280
Connection sizes, #1		2"	2"	2"		2"	2"
Max coil size						LK55, bent	LK55
Number of el. immersion heater connections	pc	3	3	3		3	3
Max electric immersion heater capacity	kW	12	12	12		12	12
Max temperature	°C	110	110	110		110	110
Max operating pressure	bar	6	6	6		6	6

<sup>1</sup> +Levelling feet 0-60mm <sup>2</sup> Measurements: insulation removed/installed (insulation thickness 90mm) <sup>3</sup> Tilt measurement with insulation detached