

## G-Energy PW Buffer Tank

G-Energy PW buffer tanks are suitable for domestic water preheating and heating system buffer tanks.

Buffer tanks reduce the number of start-up times of heating equipment, such as heat pump compressors. In properties with a heat pump, the preheating of domestic water enables the domestic hot water to be heated more energy efficiently and improves the sufficiency of domestic hot water. The G-Energy PW buffer tank includes two flanges domestic hot water preheating coils. The 501-litre G-Energy PW buffer tanks are equipped with three connections for electric immersion heaters, and the 1,000-litre models come with three or six electric immersion heater connections. The coils and electric immersion heaters are to be ordered separately.

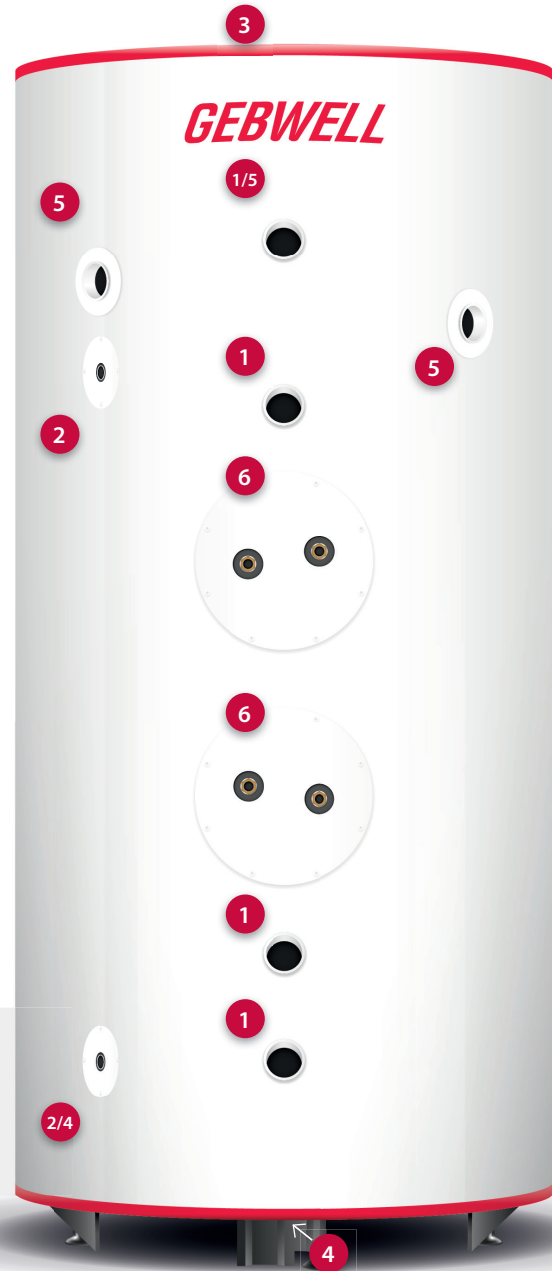
The accumulator tank is made out of steel, primed, and pressure tested. The accumulator insulation is made out of die-cast closed-cell polyurethane, which has extremely good thermal insulation capacity and minimal thermal loss. As standard, the insulation is made out of detachable segments, which are 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 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.



### Accumulator connections and connection sizes

- |                                 |                                   |
|---------------------------------|-----------------------------------|
| 1. Charging/heating, R2"        | 4. Drainage, R1"                  |
| 2. Measurement, R1/2"           | 5. Electric immersion heater, R2" |
| the lowermost on side R1" (2/4) | 6. Coil flange, Ø 200mm           |
| 3. Venting, R2"                 |                                   |



Model		PW Buffer Tank 501L 3 BAR 3SV	PW Buffer Tank 501L 6 BAR 3SV	PW Buffer Tank 1000L 3 BAR 3 SV	PW Buffer Tank 1000L 3 BAR 6 SV	PW Buffer Tank 1000L 6 BAR 3 SV	PW Buffer Tank 1000L 6 BAR 6 SV
GTIN number (64158...)	standard	53623841	53623858	53623865	53626316	53623872	53626330
	low-height			53626057	53626323	53626064	53626347
Tank capacity	L	501	501	1000	1000	1000	1000
Height	standard	mm* **	2010 / 2030	2130 / 2150	2130 / 2150	2130 / 2150	2130 / 2150
	low-height	mm* **		1980 / 2000	1980 / 2000	1980 / 2000	1980 / 2000
Diameter	mm**	600 / 780	600 / 780	850 / 1030	850 / 1030	850 / 1030	850 / 1030
Tilt measurement	standard	mm***	2100	2200	2200	2200	2200
	low-height	mm***		2100	2100	2100	2100
Weight	kg	200	200	280	280	280	280
Connection sizes, #1		2"	2"	2"	2"	2"	2"
Max coil size		LK45	LK45	LK55	LK55	LK55	LK55
Number of electric imm. heater connections	pc	3	3	3	6	3	6
Max electric immersion heater capacity	kW	12	12	12	12	12	12
Max temperature	°C	110	110	110	110	110	110
Max operating pressure	bar	3	6	3	3	6	6

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