

G-Energy HP Energy Accumulator

G-Energy HP is an accumulator suitable for heat pumps equipped with a superheater.

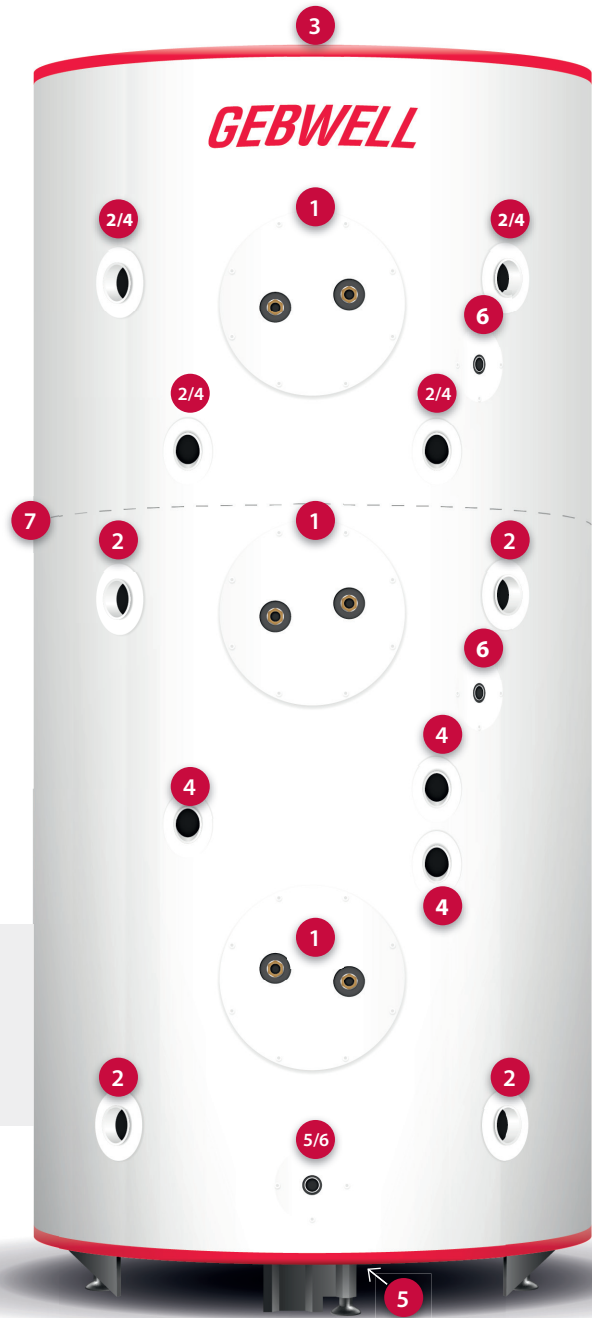
The bulkhead located underneath the top coil flange in the top part of the accumulator improves the heat layer, keeping the hottest water in the top of the accumulator where domestic hot water is heated. There are two other coil flanges beneath the bulkhead for, e.g., the domestic water preheating coil or a charging coil. Coils are to be ordered separately.

The lower charging connections of the accumulator include guide pipes to generate the right kind of heat layering.

G-Energy HP is available with 501L, 1000L, 2000L, 3000L, 4000L or 5000L capacity.

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.



Accumulator connections and connection sizes

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|--------------------------|----------------------------------|
| 1. Coil flange, Ø 200mm | 5. Drainage, R1" |
| 2. Charging/heating, R2" | 6. Measurement, R1/2" |
| 3. Venting, R1" | the lowermost in front R1" (5/6) |
| 4. Heater, R2" | 7. Bulkhead |



Model		G-Energy HP 501	G-Energy HP 1000	G-Energy HP 2000	G-Energy HP 3000	G-Energy HP 4000	G-Energy HP 5000
GTIN number (64158...)	standard	52380653	52380660	52380677	52380684	52380691	52380707
	low-height		52380868				
Tank capacity	L	501	1000	2000	3000	4000	5000
Height	standard	mm* **	2100 / 2150	2200 / 2250	2350 / 2400	2400 / 2450	2500 / 2550
Height	low-height	mm* **	1980 / 2000				
Diameter	mm**	600 / 780	850 / 1030	1200 / 1380	1400 / 1580	1600 / 1780	1800 / 1980
Tilt measurement	standard	mm***	2100	2200	2300	2450	2600
Tilt measurement	low-height	mm***		2100			
Weight	kg	180	260	400	470	620	690
Connection sizes, #2		2"	2"	2"	2"	2"	2"
Max coil size		LK45	LK55	LK90	LK90	LK90	LK90
Number of heater connections	pc	3-5	3-5	3-5	3-5	3-5	3-5
Max heater capacity	kW	12	12	12	12	12	12
Max temperature	°C	110	110	110	110	110	110
Max operating pressure	bar	3	3	3	3	3	3

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