

## G-Energy HPe Energy Accumulator

G-Energy HPe is a hybrid energy accumulator equipped with an intermediate bulkhead and specifically designed for heat pumps.

The accumulator heats domestic hot water and acts as the system's buffer tank. Domestic water energy is charged in the upper part of the accumulator, which ensures high domestic water temperature and sufficiency even for a large crowd. Thanks to the intermediate bulkhead, domestic hot water is layered in the top of the accumulator. The bottom part of the intermediate bulkhead is used as the buffer tank of the property's heating network, which ensures sufficiently long heat pump charging periods. The lower charging connections of the accumulator include guide pipes to generate the right kind of heat layering.

G-Energy HPe accumulators have two coil hatches for domestic hot water coils. The top hatch can be equipped with domestic hot water coil, for example and the bottom hatch with domestic hot water preheating coil, for example. Coils are to be ordered separately.

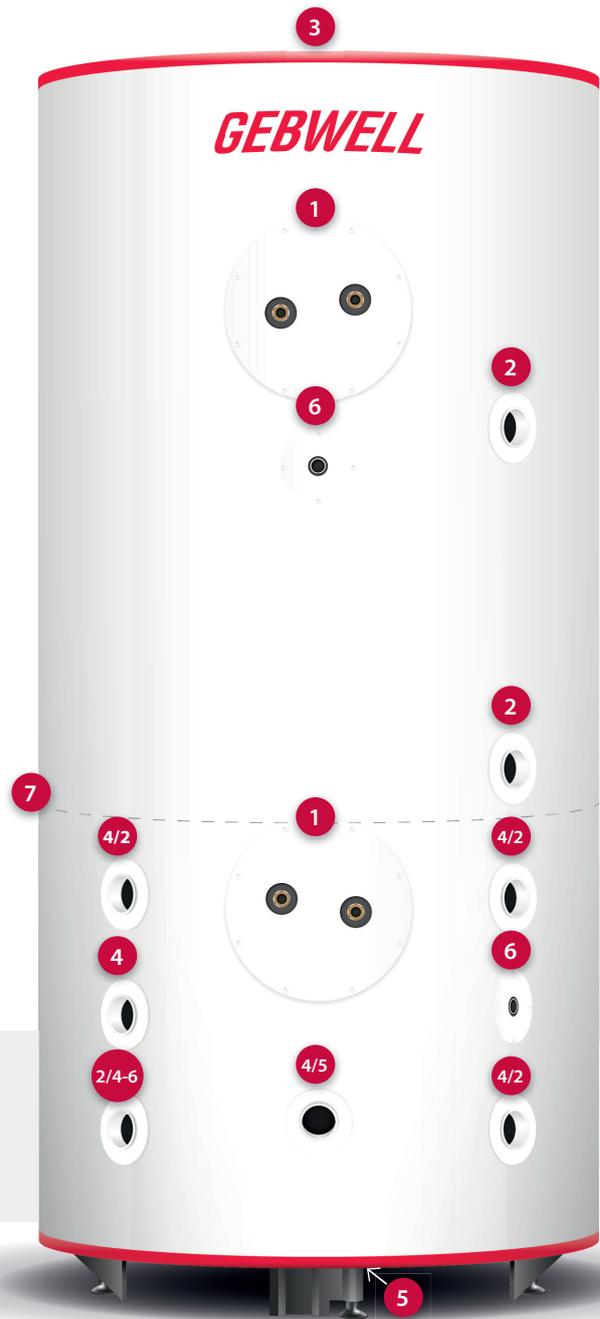
G-Energy HPe is available with 501L or 1000L capacities.

The accumulator tank is made out of steel, and the accumulator insulation is of closed-cell polyurethane. As standard, the insulation is made out of detachable segments, which are easy to detach and reattach.

The steel framework on the base of the accumulator makes hauling easier. 1,000-litre accumulators are also available in a low-height model. The low-height model is 2,000 mm tall with the insulation in place, and 1,980 mm with the insulation detached. The accumulator has levelling feet with a 60 mm adjustment tolerance that makes it easy to set the accumulator to stand vertically.

**Accumulator connections and connection sizes**

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



| Model                        |                  | G-Energy HPe 501 | G-Energy HPe 1000 |
|------------------------------|------------------|------------------|-------------------|
| <b>GTIN number</b>           |                  | 6415853619721    | 6415853619738     |
|                              |                  |                  | 6415852380899     |
| Tank capacity                | L                | 501              | 1000              |
| Height                       | standard mm***   | 2010 / 2030      | 2130 / 2150       |
| Height                       | low-height mm*** |                  | 1980 / 2000       |
| Diameter                     | mm**             | 600 / 780        | 850 / 1030        |
| Tilt measurement             | standard mm***   | 2100             | 2200              |
| Tilt measurement             | low-height mm*** |                  | 2100              |
| Weight, kg                   | kg               | 180              | 260               |
| Connection sizes, #2         |                  | 2"               | 2"                |
| Max coil size                |                  | LK45             | LK55              |
| Number of heater connections | pc               | 3-4              | 3-4               |
| Max heater capacity          | kW               | 12               | 12                |
| 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