

G-Energy Buffer Tank

G-Energy buffer tanks can be used to increase the water capacity of a heating system.

A higher capacity ensures a steady and sufficient flow and improves the operation and efficiency of the heat pump. A greater water capacity also extends the duty cycles and, simultaneously, the life cycle of the compressor.

G-Energy buffer tanks are available as 501L, 750L and 1000L models, with DN50 and DN65 connections and 3 or 6 bar pressure classes.

The accumulator tank is made out of steel, primed, and pressure tested. The insulation in 501L and 1000L buffer tanks 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 insulation in 750-litre buffer tank is made of polyester fibre, and the insulation has PVC coating. The removable insulation can be removed by opening the zipper.

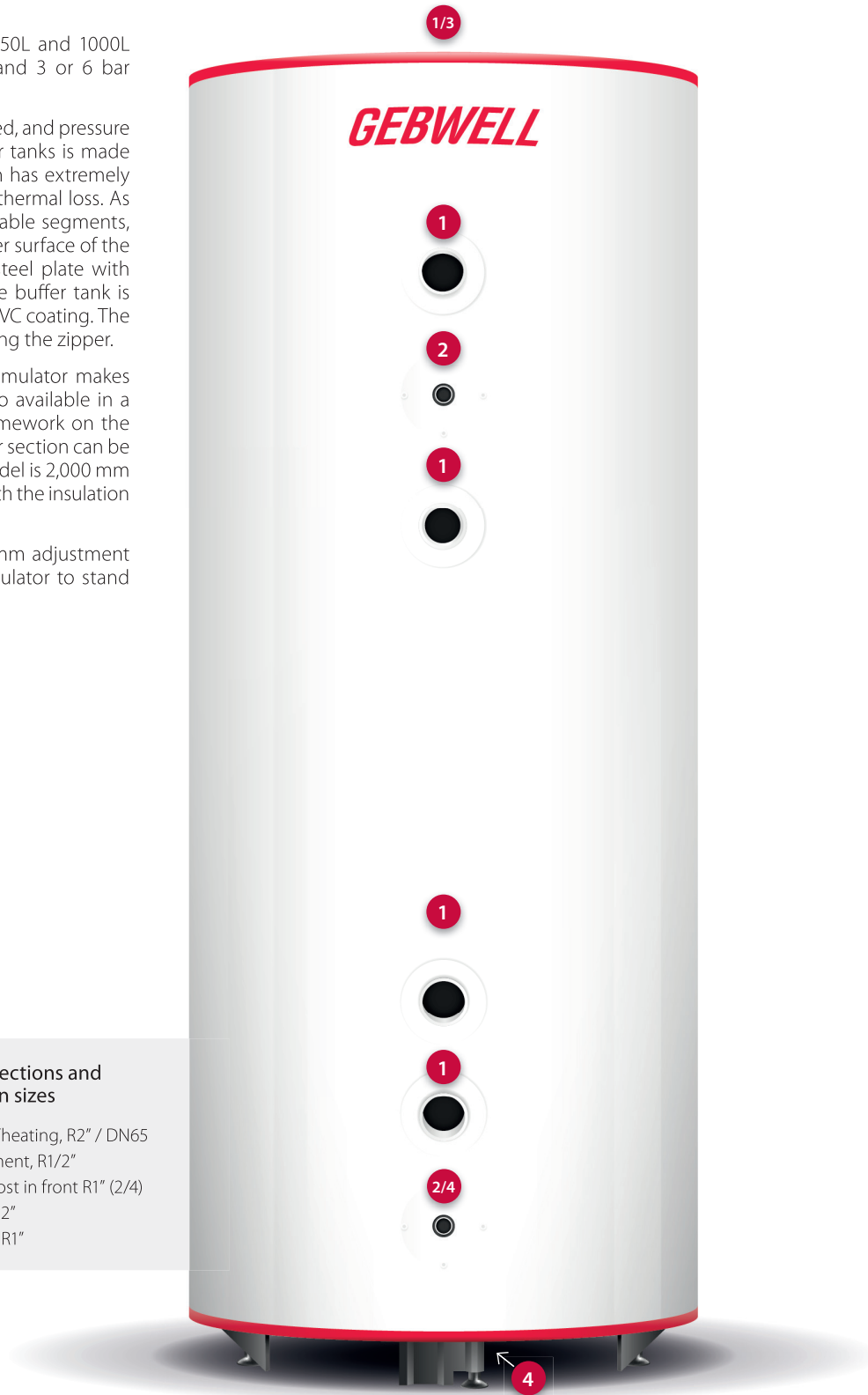
The steel framework on the base of the accumulator makes hauling easier. 1,000-litre accumulators are also available in a low-height model. In the model, the steel framework on the base of the accumulator has two parts; the lower section can be removed before installation. The low-height model is 2,000 mm tall with the insulation in place, and 1,980 mm with the insulation detached.

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" / DN65
2. Measurement, R1/2"
the lowermost in front R1" (2/4)
3. Venting, R2"
4. Drainage, R1"



G-Energy buffer tank 501 L

Model		Buffer Tank 501L 3 bar DN50	Buffer Tank 501L 3 bar DN65	Buffer Tank 501L 6 bar DN50	Buffer Tank 501L 6 bar DN65
GTIN number (64158...)		53623896	53623902	53623919	53623926
Tank capacity	L	501	501	501	501
Height	mm* **	2010 / 2030	2010 / 2030	2010 / 2030	2010 / 2030
Diameter	mm**	600 / 780	600 / 780	600 / 780	600 / 780
Tilt measurement	mm***	2100	2100	2100	2100
Weight	kg	180	180	180	180
Connection sizes, #1		2"	DN65	2"	DN65
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



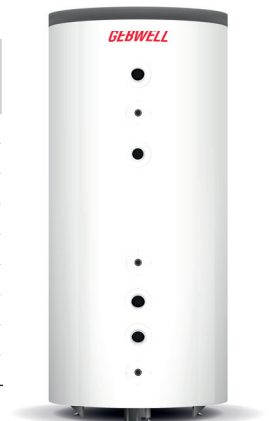
G-Energy buffer tank 750 L

Model		Buffer Tank 501L 3 bar DN50	Buffer Tank 501L 3 bar DN65	Buffer Tank 501L 6 bar DN50	Buffer Tank 501L 6 bar DN65
GTIN number (64158...)		53626354	53626361	53626378	53626385
Tank capacity	L	750	750	750	750
Height	mm* **	2030 / 2130	2030 / 2130	2030 / 2130	2030 / 2130
Diameter	mm**	750 / 930	750 / 950	750 / 930	750 / 950
Tilt measurement	mm***	2100	2100	2100	2100
Weight	kg	230	230	230	230
Connection sizes, #1		2"	DN65	2"	DN65
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 100mm)

*** Tilt measurement with insulation detached



G-Energy buffer tank 1000 L

Model		Buffer Tank 1000L 3 bar DN50	Buffer Tank 1000L 3 bar DN65	Buffer Tank 1000L 3 bar DN80	Buffer Tank 1000L 6 bar DN50	Buffer Tank 1000L 6 bar DN65	Buffer Tank 1000L 6 bar DN80
GTIN number (64158...)	standard	53623940	53623957	6415853626521	53623964	53623971	6415853626538
	low-height	53626071	53626088	6415853626545	53626095	53626101	6415853626552
Tank capacity	L	1000	1000	1000	1000	1000	1000
Height standard	mm* **	2130 / 2150	2130 / 2150	2130 / 2150	2130 / 2150	2130 / 2150	2130 / 2150
Height low-height		1980 / 2000	1980 / 2000	1980 / 2000	1980 / 2000	1980 / 2000	1980 / 2000
Diameter	mm**	850 / 1030	850 / 1030	850 / 1030	850 / 1030	850 / 1030	850 / 1030
Tilt measurement standard	mm***	2200	2200	2200	2200	2200	2200
Tilt measurement low-height	mm***	2100	2100	2100	2100	2100	2100
Weight	kg	260	260	260	260	260	260
Connection sizes, #1		2"	DN65	DN80	2"	DN65	DN80
Max temperature	°C	110	110	110	110	110	110
Max operating pressure	bar	3	3	3	6	6	6

* +Levelling feet 0-60mm

** Measurements: insulation removed/installed (insulation thickness 90mm)

*** Tilt measurement with insulation detached