

## 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 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" / 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 (64158...)		53623896	53623902	53623919	53623926
Tank capacity	L	501	501	501	501
Height	mm*	2030	2030	2030	2030
Height when lowered	mm*	1940	1940	1940	1940
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 750L 3 bar DN50	Buffer Tank 750L 3 bar DN65	Buffer Tank 750L 6 bar DN50	Buffer Tank 750L 6 bar DN65
GTIN		6430079400144	6430079400151	6430079400168	6430079400175
Tank capacity	L	750	750	750	750
Height	mm*	2100	2100	2100	2100
Height when lowered	mm*	1970	1970	1970	1970
Diameter	mm**	750 / 930	750 / 930	750 / 930	750 / 930
Tilt measurement	mm***	2100	2100	2100	2100
Weight	kg	200	200	200	200
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 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 (64158...)		53623940	53623957	53626521	53623964	53623971	53626538
Tank capacity	L	1000	1000	1000	1000	1000	1000
Height	mm*	2150	2150	2150	2150	2150	2150
Height		2000	2000	2000	2000	2000	2000
Diameter	mm**	850 / 1030	850 / 1030	850 / 1030	850 / 1030	850 / 1030	850 / 1030
Tilt measurement	mm***	2200	2200	2200	2200	2200	2200
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