

## 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 6 bar pressure class. 1000 L buffer tank is also available with DN 80 connections.

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

Model		Buffer Tank 501L DN50	Buffer Tank 501L DN65	Buffer Tank 750L DN50	Buffer Tank 750L DN65	Buffer Tank 1000L DN50	Buffer Tank 1000L DN65	Buffer Tank 1000L DN80
GTIN (64158...)		53623919	53623926	6430079400168	6430079400175	53623964	53623971	53626538
Tank capacity	L	501	501	750	750	1000	1000	1000
Height	mm <sup>1</sup>	2030	2030	2100	2100	2150	2150	2150
Height		1940	1940	1970	1970	2000	2000	2000
Diameter	mm <sup>2</sup>	600 / 780	600 / 780	750 / 930	750 / 930	850 / 1030	850 / 1030	850 / 1030
Tilt measurement	mm <sup>3</sup>	2100	2100	2100	2100	2200	2200	2200
Weight	kg	180	180	200	200	260	260	260
Connection sizes, #1		2"	DN65	2"	DN65	2"	DN65	DN80
Max temperature	°C	110	110	110	110	110	110	110
Max operating pressure	bar	6	6	6	6	6	6	6

<sup>1</sup> +Levelling feet 0-60mm

<sup>2</sup> Measurements: insulation removed/installed (insulation thickness 90mm)

<sup>3</sup> Tilt measurement with insulation detached