

G-Energy Cooling Buffer Tank

G-Energy Cooling is a buffer tank designed for cooling systems.

G-Energy Cooling can be used as a buffer tank for, e.g., water coolers and other mechanical cooling systems. Buffer tanks even out the conditions between the start-up times of cooling equipment and reduce the number of times compressors need to be started.

The G-Energy Cooling buffer tank is available as 501L, 1000L and 2000L models and in 3 or 6 bar pressure classes.

G-Energy Cooling is available with either a surface-treated steel or a stainless steel tank. The accumulator tanks are pressure-tested at the factory. A buffer tank has a 19mm cellular rubber insulation.

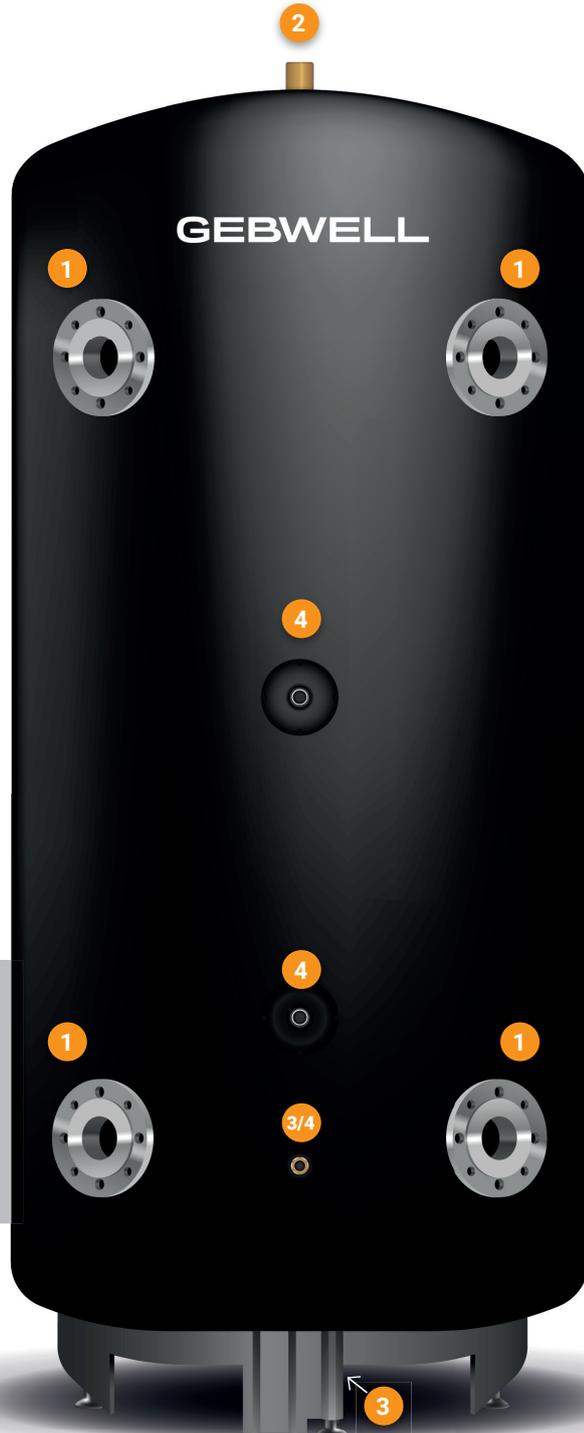
The steel base on the base of the accumulator makes hauling easier. The base on 501 and 1000 liter tanks has two parts; the lower section can be removed before installation. When lowered, the height of the 501 L accumulator tank is 90 mm, and the 1000 L accumulator tank 150 mm lower compared to the standard.

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/cooling, DN80/100
2. Venting, R1"
3. Drainage, R1"
4. Measurement, R1/2" the lowermost in front R1" (3/4)



G-Energy Cooling Buffer Tank

Model		Cooling 501 3 BAR	Cooling 501 6 BAR	Cooling 1000 3 BAR	Cooling 1000 6 BAR	Cooling 2000 3 BAR	Cooling 2000 6 BAR
GTIN (64158...)		52380714	52380721	52380738	52380745	52380752	52380769
Tank capacity	L	501	501	1000	1000	2000	2000
Height	mm*	2010	2010	2130	2130	2200	2200
Height when lowered	mm*	1920	1920	1980	1980		
Diameter	mm	640	640	890	890	1240	1240
Tilt measurement	mm	2100	2100	2200	2200	2300	2300
Weight	kg	180	180	260	260	400	400
Connection sizes #1	DN	DN80	DN80	DN80	DN80	DN80	DN80
Material		steel	steel	steel	steel	steel	steel
Max temperature	°C	110	110	110	110	110	110
Max operating pressure	bar	3	6	3	6	3	6

* +Levelling feet 0-60 mm

G-Energy Cooling RST Buffer Tank

Model		Cooling RST 501 3 BAR	Cooling RST 501 6 BAR	Cooling RST 1000 3 BAR	Cooling RST 1000 6 BAR	Cooling RST 2000 3 BAR	Cooling RST 2000 6 BAR
GTIN (64300...)		79400441	79400458	79400465	79400472	79400489	79400496
Tank capacity	L	501	501	1000	1000	2000	2000
Height	mm*	2010	2010	2130	2130	2200	2200
Height when lowered	mm*	1920	1920	1980	1980		
Diameter	mm	640	640	890	890	1240	1240
Tilt measurement	mm	2100	2100	2200	2200	2300	2300
Weight	kg	180	180	260	260	400	400
Connection sizes #1	DN	DN80	DN80	DN100	DN100	DN100	DN100
Material		stainless steel	stainless steel	stainless steel	stainless steel	stainless steel	stainless steel
Max temperature	°C	40	40	40	40	40	40
Max operating pressure	bar	3	6	3	6	3	6

* +Levelling feet 0-60 mm