

## 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 6 bar pressure class.

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	Cooling RST 501	Cooling 1000 6 BAR	Cooling RST 1000
GTIN (64158...)		52380721	79400458	52380745	79400472
Tank capacity	L	501	501	1000	1000
Height	mm*	2010	2010	2130	2130
Height when lowered	mm*	1920	1920	1980	1980
Diameter	mm	640	640	890	890
Tilt measurement	mm	2100	2100	2200	2200
Weight	kg	180	180	260	260
Connection sizes #1	DN	DN80	DN80	DN80	DN100
Material		steel	stainless steel	steel	stainless steel
Max temperature	°C	110	40	110	40
Max operating pressure	bar	6	6	6	6

\* +Levelling feet 0-60 mm