

# Pressure Tanks



The Grundfos GT pressure tanks for cold-water applications are longlife tanks for both domestic and industrial applications. The GT tank ensures controlled pressure in your water supply. The result of this is better comfort in your installation by limiting the start/stop frequency of your pump, compensation for pressure drops and eliminating water hammer in pipework. GT tanks can be integrated in many different installations with a wide variety of pumps. Grundfos offers a large range of tank types and sizes, ensuring the best possible tank for your installation.



## FEATURES

### Wide range of GT tanks

The GT tanks are available in sizes from 8 to 5,000 litres, suitable for vertical installation. GT tanks in sizes 24 to 80 litres are also suitable for horizontal installation.

### Approved for drinking water

The Grundfos GT tanks are approved for use with drinking water.

### Reducing start/stop frequency

The GT tanks ensure controlled pressure in the water supply and thereby limit the switching frequency of the pump in case of low water consumption or leakage loss.

### Optimise comfort

The GT tanks increase system comfort by compensating for pressure drops when a tap is opened and reduce problems with water hammer in the pipework.

## APPLICATIONS

- Boost of city mains, break tank or boost from well > 8 metres



## PERFORMANCE

Model	Connection Size	Dimensions (mm)		Capacity (L)	Mounting type	Max pressure (kPa)
		Height	Diameter			
GT-H-2 PN10 G1 V	1" M	183	127	2	Pipe	1000
GT-H-8 PN10 G1 V	1" M	311	203	8	Pipe	1000
GT-H-18 PN10 G1 V	1" M	366	279	18	Pipe	1000
GT-H-18 PN16 G1 V	1" M	366	279	18	Pipe	1600
GT-H-60 PN10 G1 V	1" F	528	388	60	Free standing	1000
GT-H-80 PN10 G1 V	1" F	626	388	80	Free standing	1000
GT-H-80 PN16 G1 V	1" F	787	388	80	Free standing	1600
GT-H-100 PN10 G1 V	1" F	804	430	100	Free standing	1000
GT-D-130 PN10 G1 V	1¼" F	1101	406	130	Free standing	1000
GT-D-200 PN10 G1 1/4 V	1¼" F	1042	534	200	Free standing	1000
GT-U-200 PN16 G11 1/4 V	1¼" F	9967	634	200	Free standing	1600
GT-D-240 PN10 G1 1/4 V	1¼" F	1219	533	240	Free standing	1000
GT-D-300 PN10 G1 1/4 V	1¼" F	1575	533	300	Free standing	1000
GT-D-450 PN10 G1 1/4 V	1¼" F	1505	660	450	Free standing	1000

## TANK RANGE

### GT-H

GT-H is a steel pressure tank with a non-toxic butyl rubber diaphragm with a precision-moulded polypropylene liner for superior air and water separation.

### GT-D

GT-D is a steel pressure tank with double diaphragm. The diaphragm is a chlorine-resistant 100% butyl diaphragm with a precision-moulded copolymer polypropylene liner for superior air and water separation.

## OPERATING CONDITIONS

### Max. operating pressure

Max. 10/16 bar

### Liquid temperature

Max. 90 °C

## TECHNICAL DATA

### Approvals and markings

CE, GOST, NSF, WRAS, ACS, Worksafe certified

Tank pre charge recommended 10% below cut in pressure for PT systems; 70% of maximum pump pressure on PM1 and PM2 units and 70% of set point on variable speed pumps