

# PRESSURE TANKS

PIPE MOUNTED AND FREE STANDING PRESSURE TANKS



The Grundfos range of pressure tanks are perfect for all types of domestic and industrial applications in conjunction with a wide range of pressure boosting pumps.

The addition of a pressure tank minimises energy costs and extends pump life by greatly reducing the start/stop cycling frequency and protects pipework against water hammer.



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GT-C

GT-H

GT-D

GT-U

## GT-H / GT-D

- **Industrial grade** - Steel tank with UV resistant epoxy outer coating. Superior polypropylene liner and rubber diaphragm.
- **Trusted performance** - Every tank is individually factory tested guaranteeing perform from day one
- **Long life** - All pipework connections are high grade stainless steel
- **Easy installation** - All free standing tanks come with a tanks stand for stability and ease of pump connection
- **Easy to maintain** - Air valve is located at the top of the tank for easy maintenance

## GT-C

- **Corrosion Proof** - Composite, corrosion proof materials inside and out. The strong fibre-wound outer shell is engineered to withstand harsh environmental conditions.
- **Longer life** - The reinforced diaphragm material provides longer service life
- **Trusted performance** - Every tank is individually factory tested guaranteeing perform from day one

## GT-U+

- **Industrial grade** - All the industrial grade features of the GTH tanks with the added benefit of a replaceable tank diaphragm
- **Long life** - With appropriate maintenance the GT-U+ will provide many years of trouble-free service

## HOSE KITS FOR FREE STANDING TANKS

Connection hoses are available for pressure tanks that are not directly connected to the pump via a connection pipe.

Model	Hose Diameter	Hose Length
Flexible Braided Stainless Steel Hose Kit 25 mm	25 mm	650 mm
Flexible Braided Stainless Steel Hose Kit 25 mm	25 mm	1500 mm
Flexible Braided Stainless Steel Hose Kit 32 mm	32 mm	1500 mm

## TECHNICAL DATA

### SIZE RANGE 8.6 BAR

Model	Capacity Litres	Nominal Draw-off Litres	Connections	Dimensions (mm)		Mounting Type
				Height	Diameter	
GT-C-60 PN8.6 G1 V	60	24	1" Male	660	430	Free Standing
GT-C-80 PN8.6 G1 V	80	32	1" Male	860	430	Free Standing
GT-C-130 PN8.6 G1 V	130	51	1" Male	1240	430	Free Standing
GT-C-250 PN8.6 G1 V	250	99	1 1/4" Male	1310	560	Free Standing

### SIZE RANGE 10 BAR

Model	Capacity Litres	Nominal Draw-off Litres	Connections	Dimensions (mm)		Mounting Type
				Height	Diameter	
GT-H-2 PN10 G1 V	2	0.8	1" Male	183	127	Pipe
GT-H-8 PN10 G1 V	8	3	1" Male	311	203	Pipe
GT-H-18 PN10 G1 V	18	7	1" Male	366	279	Pipe
GT-H-60 PN10 G1 V	60	24	1" Female	528	388	Free Standing
GT-H-80 PN10 G1 V	80	32	1" Female	626	388	Free Standing
GT-H-100 PN10 G1 V	100	40	1" Female	804	430	Free Standing
GT-D-130 PN10 G1 V	130	51	1" Female	1101	406	Free Standing
GT-D-200 PN10 G1 1/4 V	200	79	1 1/4" Female	1042	534	Free Standing
GT-D-240 PN10 G1 1/4 V	240	95	1 1/4" Female	967	634	Free Standing
GT-D-300 PN10 G1 1/4 V	300	118	1 1/4" Female	1575	533	Free Standing
GT-D-450 PN10 G1 1/4 V	450	178	1 1/4" Female	1505	660	Free Standing

### SIZE RANGE 16 BAR

Model	Capacity Litres	Nominal Draw-off Litres	Connections	Dimensions (mm)		Mounting Type
				Height	Diameter	
GT-H-18 PN16 G1 V	18	7	1" Male	366	279	Pipe
GT-H-80 PN16 G1 V	80	32	1" Female	787	388	Free Standing
GT-U+-200 PN16 G1 1/4 V	200	79	1 1/4" Male	1120	590	Free Standing

### SIZE RANGE 25 BAR

Model	Capacity Litres	Nominal Draw-off Litres	Connections	Dimensions (mm)		Mounting Type
				Height	Diameter	
UMB-100LV PN25 G1 V	100	40	1" Female	983	453	Free Standing

### OPERATING CONDITIONS

Liquid Temperature	GT-C: 0°C to +50°C GT-U: 0°C to +70°C GT-H: 0°C to +90°C GT-D: 0°C to +90°C
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### TECHNICAL DATA

Approvals and Markings	Approved for Drinking Water AS/NZS 4020 WorkSafe certified (80 - 450 Litre Tanks) WaterMark Approved (2 - 60 Litre Tanks)
Enclosure Class	Undercover installation recommended
Fixed Speed Pump	Pre-charge should be set at 10% less than cut-in setting
Variable Speed Pump	Pre-charge should be set at 30% less than set point