



43SOUTH

PRESSURE TANKS



FEATURES

- **Seamless Connector** – Patented Leak Safe Technology with Welded 304 Stainless Steel Connector.
- **PP Liner** – FDA Polypropylene Liner.
- **Air-Seal Diaphragm** – NSF Certified Butyl Rubber Diaphragm 100% Air Seal.
- **Welding Zone** – Pressure Equipment Directive Certified Welding Structure.
- **Coating** – Triple Coating Rust Protection.

PRESSURE TANK INFORMATION

A pressure tank is an essential part of a pressurised water system that provides water pressure at a set level. The tank stores supplemental water between diaphragm and liner. This process reduces the number of times the motor needs to start in order for the system pressure to remain at the set level.

A properly sized pump and pump tank will work as a team to meet your needs and will deliver many years of dependable service.

OPERATING CONDITIONS

Suitable for pumping clean water

Fluid: Water

Maximum working temperature: 93°C

Maximum working pressure: 10 bar

Nitrogen Factory pre-charge: 2 bar

Liner Material: FDA Grade Polypropylene.

Diaphragm: Virgin Heavy Duty NSF Certified Butyl Rubber.

Shell: Cold Rolled Carbon Steel Pressure Equipment Directive certified welding structure.

Connection: Patented Leak Safe Technology with welded 304 Stainless Steel Connection.

Paint: Shield Coating 3x thickness for high humidity and salt content like beaches and rivers.

VERTICAL PRESSURE TANKS - PERFORMANCE TABLE

Model	Total Tank Volume (Litre)	Draw off Volume (Litre)	Diameter (cm)	Height Incl. Base (cm)	Box Dimensions L x W x H (cm)	Net Weight (kg)	Gross Weight (kg)	Connection (Inch)
43SPT-003	3	1	13	21.5	31 x 30 x 24	4.1	4.7	1
43SPT-008	8	3.5	20.3	29	21.5 x 21.5 x 31.5	1.9	2.3	1
43SPT-018	18	9.5	28	39	28.5 x 28.5 x 39.5	3.3	3.7	1
43SPT-024	24	11.5	29.5	41.5	31 x 31 x 44.5	3.9	4.8	1
43SPT-058	58	42.8	38.1	60	41 x 41 x 62	9.7	11	1
43SPT-080	80	50	38.1	78	41 x 41 x 81	13.1	14.6	1
43SPT-100	100	58.5	38.1	99.5	41 x 41 x 101	16.6	18.4	1
43SPT-160	160	115	55.9	91.5	56 x 56 x 92	24.5	27.8	1 1/4
43SPT-240	240	140	55.9	116	56 x 56 x 118	34.9	37.7	1 1/4
43SPT-300	300	167	55.9	145	56 x 56 x 147	41.1	47.1	1 1/4
43SPT-450	450	360	65	140	69 x 69 x 144	56.5	61.5	1 1/4

HORIZONTAL PRESSURE TANKS - PERFORMANCE TABLE

Model	Total Tank Volume (Litre)	Draw off Volume (Litre)	Diameter (cm)	Height Incl. Base (cm)	Box Dimensions L x W x H (cm)	Net Weight (kg)	Gross Weight (kg)	Connection (Inch)
43SPT-024H	24	11.5	29.5	41.5	31 x 31 x 44.5	3.9	4.8	1
43SPT-058H	58	42.8	38.1	60	41 x 41 x 62	9.7	11	1
43SPT-080H	80	50	38.1	78	41 x 41 x 81	13.1	14.6	1