

PRESSURE VESSELS • WELL • BOOSTER • IRRIGATION

ProTank PV

A premium, industrial-strength range of pre-charged pressure vessels for well water, irrigation, booster and VFD-controlled systems. Deep-drawn steel construction with a virgin polypropylene liner and FDA-compliant butyl diaphragm keeps water contaminant-free, backed by a five-year warranty.

8-160 L

10 BAR MAX

5-YR WARRANTY

ProTank PV



WHY SPECIFY IT

Industrial-strength, maintenance-free.

A premium pressure-vessel range trusted by pump companies and installers worldwide, quality-tested at several production stages for structural integrity, performance and certification compliance.



Industrial-strength design

A robust, deep-drawn steel pressure vessel engineered for structural integrity across well, irrigation, booster and VFD-controlled systems.



Pre-charged & maintenance-free

Factory pre-charged with an O-ring-sealed air valve and a 100% stainless-steel connection that prevents leakage and cross-threading.



Contaminant-free chamber

A virgin polypropylene liner and FDA-compliant butyl diaphragm keep water contaminant-free and impart no taste or odour.

8-160_L

NOMINAL VOLUME

10_{bar}

MAX PRESSURE

5_{yr}

WARRANTY

61-372_{NSF}

CERTIFIED

10

bar • 150 psi max

Built to last

Deep-drawn steel construction with a virgin polypropylene liner and FDA-compliant butyl diaphragm keeps water contaminant-free, imparting no taste or odour. A corrosion-free composite base and rust-resistant paint finish add to the tank's longevity, and every tank is certified to NSF/ANSI/CAN 61 and 372 standards.

SPECIFICATIONS

Technical detail.

Product series	ProTank PV	Diaphragm	FDA-compliant butyl
Datasheet ref	SWC-PTPV-25-R0	Max pressure	10 bar · 150 psi
Type	Pressure vessel / well tank	Factory pre-charge	2.6 bar · 38 psi
Nominal volume	8-160 L · 2-42 gal	Min temperature	-10 °C · 14 °F
Form factors	Inline · horizontal · vertical	Max temperature	90 °C · 194 °F
Connection	¾"-1" NPT	Certification	NSF/ANSI/CAN 61 · 372
Liner	Virgin polypropylene	Warranty	5 years

MODEL RANGE

Nine models, three form factors.

MODEL	CONNECTION	LITRES	GALLONS	WEIGHT (LBS)
INLINE				
SWC-UK-8LX	¾" NPT	8	2.1	5.5
SWC-UK-18LX	¾" NPT	18	4.8	9.3
SWC-UK-35LX	¾" NPT	35	9.2	16.3
HORIZONTAL				
SWC-UK-24LH	¾" NPT	24	6.3	13.4
SWC-UK-60LH	1" NPT	60	15.8	25.8
SWC-UK-80LH	1" NPT	80	21.1	36.4
VERTICAL				
SWC-UK-80LV	1" NPT	80	21.1	36.6
SWC-UK-130LV	1" NPT	130	34.3	60.0
SWC-UK-160LV	1¼" NPT	160	42.3	77.8

SCOPE OF SUPPLY

What we provide.

- ✓ Pre-charged ProTank PV pressure vessel (specify model)
- ✓ Virgin polypropylene liner & FDA-compliant butyl diaphragm
- ✓ O-ring-sealed air valve cap & stainless-steel connection
- ✓ Corrosion-free composite base and pump stand (LH models)
- ✓ Higher-capacity Challenger™ vessels to 450 L (by request)
- ✓ Optional Comprehensive Maintenance plan

Where it fits best

Well water, irrigation, booster and VFD-controlled systems, and water-hammer arresting, where a maintenance-free, contaminant-free pressure vessel is required. A direct replacement for most existing installations.

[COMMERCIAL · BY QUOTE](#)

REQUEST A QUOTE

Specify ProTank PV for your system.

British-engineered, European-manufactured. UK · Middle East · Europe.

+44 20 8050 2115

sales@sovereignwater.co.uk

124 City Road, London EC1V 2NX