

PURE WATER STORAGE

Reverse Osmosis Storage Tanks

Quality, patented design for your reverse osmosis system


Chlorobutyl diaphragm

High grade and post cured


NSF58 and CE approved

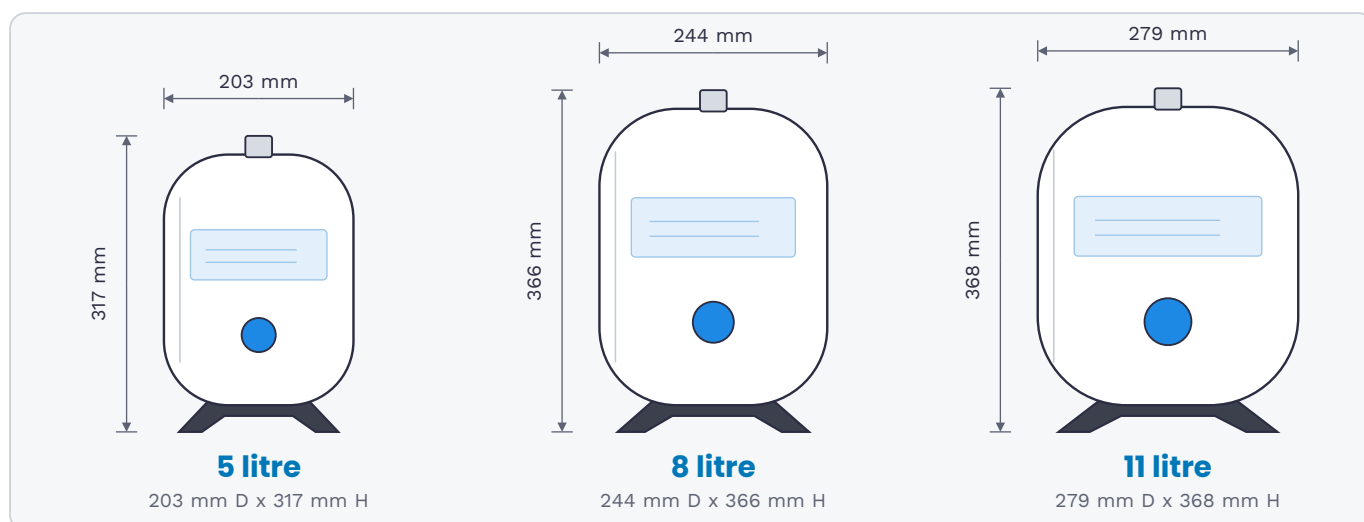
Built from FDA approved material


Maintenance free

Sealed air chamber, no pressure checks

Finest materials. The water storage chamber is assembled from a virgin polypropylene liner, a high-grade chlorobutyl diaphragm and a patented stainless steel water connection. Every diaphragm is post cured before assembly, for tasteless, odourless, pure water.

Built to last. Deep drawn steel domes and precision weld seams give every tank outstanding structural strength, and each tank is quality tested at several stages of production. Sealed brass air valves and O-ring sealed valve caps keep the air chamber leak free, so the pre-charged air pressure never needs checking.

DIAGRAM 1 Residential tank sizes

Water storage volume

The 5, 8 and 11 litre sizes are the water storage volume, not the total capacity. When full, approx. 30 to 40% of the tank is air. HWFA reverse osmosis systems come with the 5 litre tank.

Specifications

Maximum temperature	40 °C (104 °F)
Maximum pressure	approx. 690 kPa (100 PSI)
Diaphragm	Chlorobutyl, post cured
Liner	Virgin polypropylene
Water connection	Patented stainless steel
Air valve	Sealed brass
Finish	Epoxy primer, polyurethane

Features

- ✓ Patented stainless steel water connection
- ✓ Virgin polypropylene liner
- ✓ Smooth inside, no diaphragm abrasion
- ✓ Epoxy primer, polyurethane finish
- ✓ Comprehensive testing
- ✓ NSF58 and CE approved

Full tank range

Vertical models. Maximum temperature 40 °C (104 °F). Maximum pressure approx. 690 kPa (100 PSI).

Capacity (litres)	Height (A)	Diameter (B)	Base (C)	Box volume	Box weight
2	20.0 cm (7.9 in)	12.6 cm (5.0 in)		0.0037 m ³ (0.13 ft ³)	0.88 kg (1.9 lb)
4	24.2 cm (9.5 in)	16.0 cm (6.3 in)		0.0075 m ³ (0.26 ft ³)	1.58 kg (3.5 lb)
8 (5 L)	31.7 cm (12.5 in)	20.3 cm (8.0 in)		0.016 m ³ (0.57 ft ³)	2.23 kg (4.9 lb)
12 (8 L)	36.6 cm (14.4 in)	24.4 cm (9.6 in)		0.02 m ³ (0.71 ft ³)	2.82 kg (6.2 lb)
18 (11 L)	36.8 cm (14.5 in)	27.9 cm (11.0 in)		0.03 m ³ (1.06 ft ³)	3.65 kg (8.0 lb)
21	39.0 cm (15.4 in)	29.0 cm (11.4 in)		0.036 m ³ (1.27 ft ³)	4.73 kg (10.4 lb)
35	53.8 cm (21.2 in)	31.8 cm (12.5 in)	4.5 cm (1.8 in)	0.056 m ³ (1.98 ft ³)	7.16 kg (15.8 lb)
60	62.6 cm (24.6 in)	38.9 cm (15.3 in)	10.4 cm (4.1 in)	0.09 m ³ (3.18 ft ³)	10.66 kg (23.5 lb)
80	79.0 cm (31.1 in)	38.9 cm (15.3 in)	10.4 cm (4.1 in)	0.13 m ³ (4.59 ft ³)	14.45 kg (31.9 lb)
100	80.4 cm (31.7 in)	43.0 cm (16.9 in)	12.9 cm (5.1 in)	0.16 m ³ (5.65 ft ³)	18.93 kg (41.7 lb)
150	92.4 cm (36.4 in)	53.0 cm (20.9 in)	13.6 cm (5.4 in)	0.28 m ³ (9.89 ft ³)	31.45 kg (69.3 lb)



Total capacity, not storage volume

Volumes in this table are the **total capacity**. Water storage is approx. 60 to 70% of it: shown in blue for the residential tanks.



Larger tanks

60 to 150 litre tanks have a 1-inch BSPP elbow with 1/4-inch NPT plastic extension. Also available in Plasteel (steel clad in plastic).

DIAGRAM 2 Dimension key

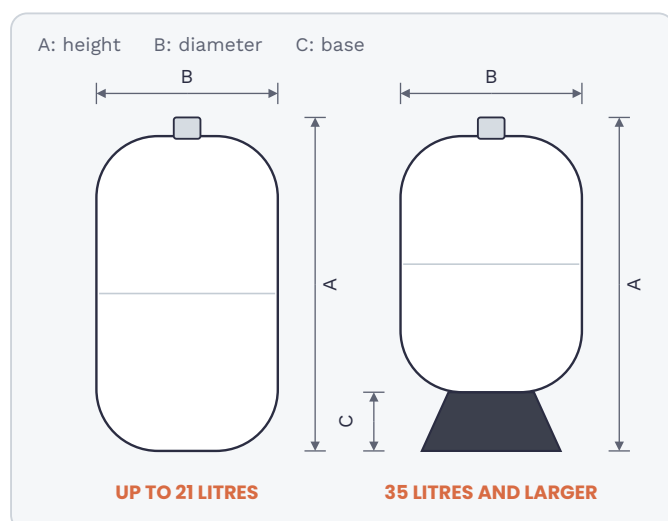
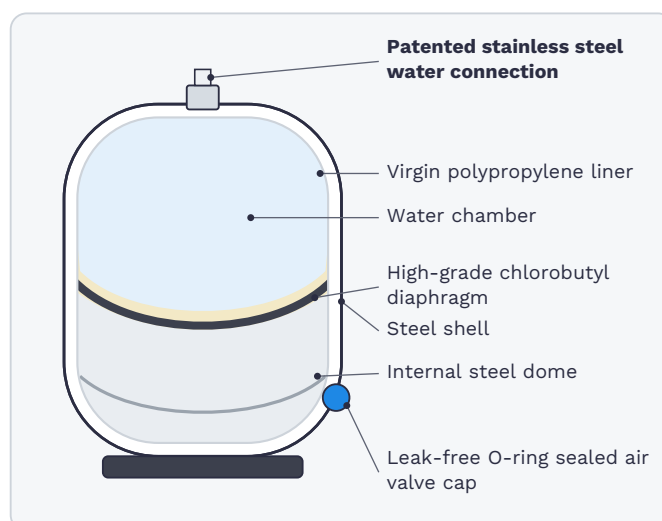


DIAGRAM 3 Inside the tank



Need a hand?

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