



HYDRO-PRO

expansion vessel for electrical pumps, anti-water hammer and water heaters
capacity: from 2 - 600 litres

Advantages

Compact design with seamless diaphragm which doesn't stretch or crease. Without bubbles or corners to trap sediment, inhibiting bacterial growth, with international approvals for use with potable water. Wide range available.

Technical features

Protected precharge valve. Durable steel tank. Deep drawn steel shell for extra strength. MIG welding process eliminates interior rough spots and sharp edges preventing damage to the diaphragm and liner. Pre-pressurised air chamber. The butyl diaphragm isolates water from air. Exclusive internal epoxy-polyester coating. No rusting. Mild steel connection

Working

The Zilmét HYDRO-PRO tank leaves the factory already tested and pre-pressurised. Air and water do not mix, eliminating any possibility of "water logging" through loss of air to the system; no corrosion.

Certification



Technical and dimensional data

Model	Our ref	Market ref	Capacity (Ltr)	Ø Diameter	Height	E	Connection
HYDRO PRO 2	11A0000211	ZI-30002S	2	142 mm	196 mm	-	1/2"G
HYDRO PRO 35	11A0003500	ZI-11A0003500	35	380 mm	370 mm	-	1"G
HYDRO PRO 50	11A0005000	ZI-11A0005000	50	380 mm	505 mm	146 mm	1"G
HYDRO PRO 50 H	11A0005002	ZI-11A0005002	50	380 mm	418 mm	-	1"G
HYDRO PRO 50 IN LINE	11A0005017	ZI-11A0005017	50	380 mm	497 mm	-	1"G
HYDRO PRO 80	11A0008000	ZI-11A0008000	80	450 mm	608 mm	150 mm	1"G
HYDRO PRO 105	11A0010500	ZI-11A0010500	105	500 mm	665 mm	165 mm	1 1/4"G
HYDRO PRO 150	11A0015000	ZI-11A0015000	150	500 mm	897 mm	216 mm	1 1/4"G
HYDRO PRO 200	11A0020000	ZI-11A0020000	200	600 mm	812 mm	225 mm	1 1/4"G
HYDRO PRO 250	11A0025000	ZI-11A0025000	250	630 mm	957 mm	245 mm	1 1/4"G
HYDRO PRO 300	11A0030000	ZI-11A0030000	300	630 mm	1105 mm	245 mm	1 1/4"G
HYDRO PRO 400	11A0040000	ZI-11A0040000	400	630 mm	1450 mm	245 mm	1 1/4"G
HYDRO PRO 500	11A0050000	ZI-11A0050000	500	750 mm	1340 mm	290 mm	1 1/4"G
HYDRO PRO 600	11A0060000	ZI-11A0060000	600	750 mm	1555 mm	290 mm	1 1/4"G

Material description

Description	Material
Shell	Carbon Steel *
Connections	Carbon Steel *
Membrane	Butyl **
Colour	Blue/grey (2 litres)

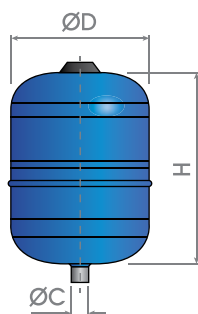
* Internally coated with powder for alimentary purposes

** For alimentary purposes

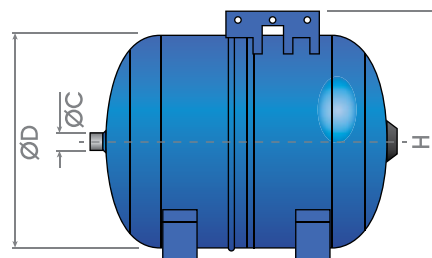
Operating conditions

Maximum operating pressure	10 bar
Maximum operating temperature	70°C
Factory precharge (2 litres)	3.5 bar
Factory precharge (5 - 8 litres)	3 bar
Factory precharge (12 - 600 litres)	2 bar

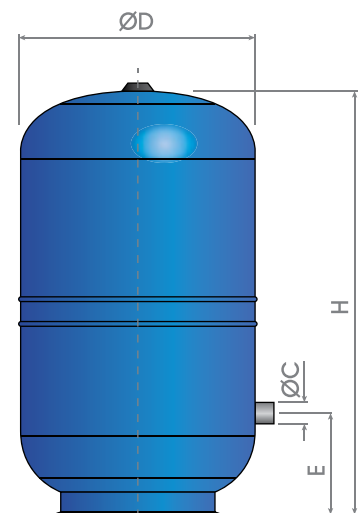
Technical drawings



2 - 35 Litres



24 - 50 Litres
Horizontal



50 - 600 Litres