

WRAS
APPROVED
PRODUCT



PRESSURE VESSELS

VERTICAL AND HORIZONTAL SERIES

Membrane pressure tanks. WRAS approved
and built to 97/23/EC

 **LOWARA**
a xylem brand

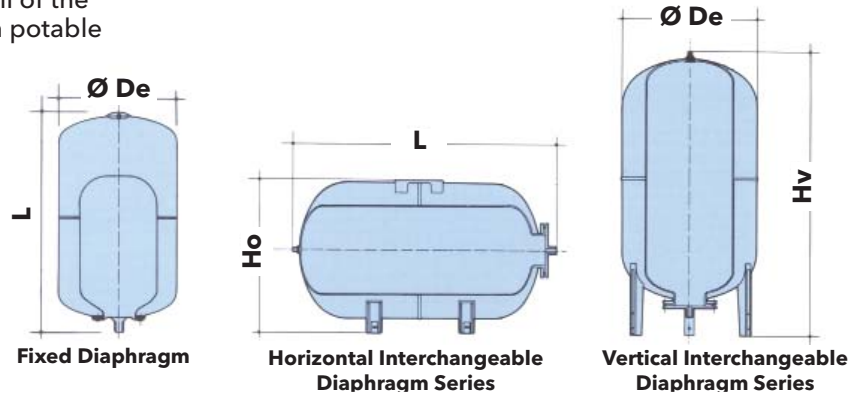
Pressure Vessels

The pressure vessel is designed to provide a storage facility and pressure reservoir for water at temperatures up to 70°C. Common uses are in water booster sets, heating pressurisation and fill sets. The vessel incorporates a Butyl diaphragm mounted in a mild steel shell. This method of construction eliminates any contact between the stored water and the steel shell of the vessel, and is therefore suitable for use with potable water.

The vessel is supplied pre-charged, but this pressure may require adjustment to suit the site conditions. This adjustment must be made with the vessel isolated from the system, and before filling with water. All pressure vessels should be installed with an isolating valve and drain cock.

Vessel Dimensions

Pressure vessels are available in a range of sizes from 2 litre. Some vessels incorporate a replaceable rubber membrane. Maximum continuous operating temperature 70°C.



Model	Capacity in litres	Connection Size	Maximum Pressure Bar	Ø De mm	Hv mm	Ho mm	L mm
2 LV ♦	2	½"G	10	140	-	-	196
5 LV	5	¾"G	10	160	-	-	316
8 LV ♦	8	¾"G	10	200	-	-	326
18 LV	18	1"G	10	270	-	-	395
24 LH/LV ♦	24	1"G	10*	270	-	-	485
60 LH/LV	60	1"G	10	380	880	410	690
80 LH/LV	80	1"G	10	450	850	480	690
100 LH/LV	100	1"G	10*	450	950	480	797
200 LH/LV	200	1½"G	10*	550	1285	580	1075
300 LH/LV	300	1½"G	10*	630	1415	660	1230
500 LV	500	1½"G	10*	750	1610	-	-
750 LV	750	1½"G	10*	750	2125	-	-
1000 LV	1000	1½"G	8*	850	2150	-	-
DE 8	8	¾"G	25	206	320	-	-
DE 80	80	DN 50	25	450	925	-	-
DE 120	120	DN 50	25	450	1235	-	-
DE 180	180	DN 50	25	450	1515	-	-
DE 300	300	DN 50	25	750	1275	-	-
DE 400	400	DN 50	25	750	1395	-	-
DE 600	600	DN 50	25	750	1860	-	-
DE 800	800	DN 50	25	750	2260	-	-
DE 1000	1000	DN 50	25	750	2760	-	-
AFE 1500 LV	1500	2½"G	10	1000	2130	-	-
AFE 2000 LV	2000	DN 65	10	1100	2550	-	-
AFE 2500 LV	2500	DN 65	10	1100	2850	-	-
AFE 3000 LV	3000	DN 65	10	1250	2930	-	-
AFE 3500 LV	3500	DN 65	10	1350	2970	-	-
AFE 4000 LV	4000	DN 65	10	1450	3050	-	-
AFE 5000 LV	5000	DN 65	10	1450	3780	-	-

* 16 bar vessels available from stock; 24 LH/LV, 100, 200, 300, 500, 750, 1000 LV sizes.

♦ Also available in Stainless Steel. DE Series not available with WRAS Approval.

xylem
Let's Solve Water

Lowara UK Limited
Millwey Rise Industrial Estate
Axminster, Devon EX13 5HU - UK
Tel: (+44) 01297 630230
Fax: (+44) 01297 630270
e-mail: lowaraukenquiries@xyleminc.com
<http://www.lowara.co.uk>
<http://completewatersystems.com>

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Xylem Water Solutions Ireland Limited
50 Broomhill Close
Airton Road
Tallaght - Dublin 24
Tel: (+353) 01 4524444
Fax: (+353) 01 4524795
e-mail: lowara.ireland@xyleminc.com
<http://www.lowara.ie>