



ASME Series

Heavy duty pressure vessels



Features

- 60 to 3,000 liters
- 10/16/25 bar pressure rating
- Interchangeable membrane design
- ISO9001, ISO14001, ISO45001 approved facility
- Radiographically tested (RT) weld joints
- Manufacturer's Data Report (MDR)
- Permanent data record maintained for each vessel
- Certified to ASME boiler and pressure section VIII division 1 code



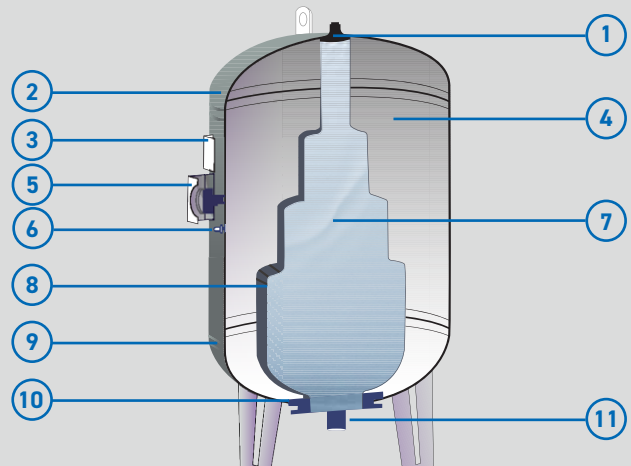
GWS is the leading manufacturer of pressure vessels built to the world's most rigorous and demanding quality standard – the American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code.

With design, fabrication, assembly, and inspection all carried out in our own ASME-accredited facility, our pressure vessels ensure the safety, reliability and peace of mind that our customers demand for their most challenging applications.

In addition to our standard range, GWS also offers a complete suite of ASME pressure vessel design and fabrication services for custom sizes and pressure ratings to suit any application, and we supply these with U-stamp to ensure regulatory compliance in the strictest jurisdictions.

Construction and Materials

1. Membrane hanger
2. Carbon steel tank shell
3. ASME stamp
4. Pre-charged air
5. Built-in pressure gauge
6. Air valve
7. Water chamber
8. High grade butyl membrane
9. High precision welded seam
10. Bolted flange
11. Stainless steel water connection



Models

Model Number	Nominal Volume [L]	Connection	Dimensions [mm]		Installation Dimensions [mm]				Gross Weight [kg]
		F	A	B	C	D	E	G	
10 bar									
SFB-ASME-60LV	60	1" BSPT (M)	905	362	280	60*60	130	14	31.2
SFB-ASME-80LV	80	1" BSPT (M)	966	456	350	60*60	130	14	36.5
SFB-ASME-100LV	100	1" BSPT (M)	986	456	350	60*60	130	14	37.2
SFB-ASME-200LV	200	1¼" BSPT (M)	1105	606	460	60*60	115	14	68.3
SFB-ASME-300LV	300	1¼" BSPT (M)	1288	656	480	80*80	190	14	81.0
SFB-ASME-500LV	500	1¼" BSPT (M)	1594	758	530	80*80	195	14	137.0
SFB-ASME-1000LV	1000	2" BSPT (M)	2378	808	590	100*100	280	20	235.0
SFB-ASME-1500LV	1500	2" BSPT (M)	2437	960	690	100*100	270	20	316.0
SFB-ASME-2000LV	2000	2" BSPT (M)	2507	1110	760	100*100	270	20	385.0
SFB-ASME-3000LV	3000	DN150(6in)	3177	1212	900	150*150	230	24	719.0
16 bar									
SMB-ASME-60LV	60	1" BSPT (M)	905	362	280	60*60	130	14	42.4
SMB-ASME-80LV	80	1" BSPT (M)	966	458	350	60*60	130	14	47.5
SMB-ASME-100LV	100	1" BSPT (M)	986	458	350	60*60	130	14	49.2
SMB-ASME-200LV	200	1¼" BSPT (M)	1105	610	460	60*60	115	14	103.3
SMB-ASME-300LV	300	1¼" BSPT (M)	1288	660	480	80*80	190	14	122.0
SMB-ASME-500LV	500	1¼" BSPT (M)	1594	762	530	80*80	195	14	196.0
SMB-ASME-1000LV	1000	2" BSPT (M)	2378	812	590	100*100	280	20	303.0
SMB-ASME-1500LV	1500	2" BSPT (M)	2443	966	690	100*100	270	20	493.0
SMB-ASME-2000LV	2000	2" BSPT (M)	2511	1116	760	100*100	270	20	598.0
SMB-ASME-3000LV	3000	DN150(6in)	3185	1220	900	150*150	230	24	1070.0
25 bar									
SUB-ASME-60LV	60	1" BSPT (M)	905	362	280	60*60	130	14	56.2
SUB-ASME-80LV	80	1" BSPT (M)	966	460	350	60*60	130	14	62.5
SUB-ASME-100LV	100	1" BSPT (M)	986	460	350	60*60	130	14	64.2
SUB-ASME-200LV	200	1¼" BSPT (M)	1105	616	460	60*60	115	14	155.3
SUB-ASME-300LV	300	1¼" BSPT (M)	1288	666	480	80*80	190	14	184.0
SUB-ASME-500LV	500	1¼" BSPT (M)	1594	770	530	80*80	195	14	311.0
SUB-ASME-1000LV	1000	2" BSPT (M)	2386	820	590	100*100	280	20	485.0
SUB-ASME-1500LV	1500	2" BSPT (M)	2451	974	690	100*100	270	20	723.0
SUB-ASME-2000LV	2000	2" BSPT (M)	2519	1124	760	100*100	270	20	960.0
SUB-ASME-3000LV	3000	DN150(6in)	3193	1228	900	150*150	230	24	1514.0

Note: Minor dimensional variations may occur.

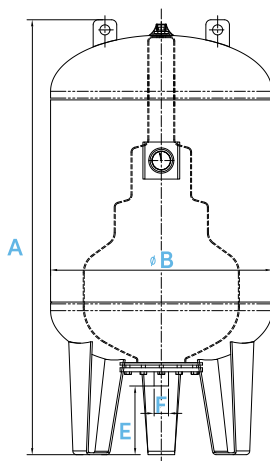


ASME Series

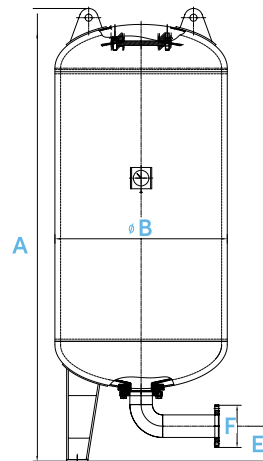
Heavy duty pressure vessels

Specifications

Product Series Name	ASME certified pressure vessels
Nominal Volumes	60 - 3000 L 15.8 - 792.5 gal
Materials	Carbon Steel Tank Shell Weather-resistance Coating High Grade Butyl Membrane
Min. Operating Temperature	-10 °C / 14 °F (Avoid Freezing)
Max. Operating Temperature	90 °C / 194 °F
Max. Operating Pressure	SFB Series: 10 bar 150 psi SMB Series: 16 bar 232 psi SUB Series: 25 bar 363 psi
Factory Pre-charge	4 bar 58 psi



60L~2000L



3000L

