

Manufacturer & Model	Service pressure (PSI, spec)	Full air capacity (ft3, spec)	Water volume (l, spec)	Outer diameter (in)	Length without valve (in)	Empty weight (lbs, w/o valve*)	Empty Weight per Tank Factor	Buoyancy Empty (lbs, w/valve)	Buoyancy Full (lbs, w/valve)
ALUMINUM									
Catallina S4	3000	4.00	0.57	3.21	7.80	1.90	0.40	-1.40	-1.60
Catallina S6	3000	6.00	0.87	3.21	10.80	2.60	0.36	-1.20	-1.50
Luxfer S006	3000	6.10	0.88	3.21	10.87	2.72	0.37	-1.03	-1.49
Metal Impact S06	3000	6.10	0.90	3.20	11.10	2.50	0.34	-1.00	-1.40
Metal Impact S08	2015	7.60	1.50	4.38	10.80	3.80	0.31	2.00	1.50
Catalina S13	3000	13.00	1.87	4.38	12.80	5.70	0.37	-0.90	-1.80
Metal Impact S13	3000	13.20	1.90	4.40	13.10	6.00	0.38	-0.90	-1.80
Luxfer S13S	3000	13.20	1.90	4.37	12.87	5.94	0.38	-0.72	-1.71
Luxfer S014	2015	13.70	2.82	4.40	16.20	4.90	0.21	1.80	0.80
Catalina S19	3000	19.00	2.72	4.38	17.70	7.80	0.35	-0.20	-1.50
Luxfer S019	3000	19.90	2.87	4.37	18.56	8.09	0.34	0.12	-1.37
Metal Impact S19	3000	19.90	2.90	4.40	18.60	8.00	0.33	-0.10	-1.30
Catalina S20	3000	20.00	2.88	5.25	13.80	9.20	0.39	0.00	-1.40
Metal Impact S30	3000	30.00	4.30	5.25	19.30	12.25	0.35	0.00	-1.50
Catalina S30	3000	30.00	4.31	5.25	19.90	13.60	0.38	-0.20	-2.40
Luxfer S030	3000	30.00	4.31	4.87	21.85	11.61	0.33	1.20	-1.00
Metal Impact S40	3000	40.00	5.70	5.25	24.60	15.30	0.33	2.50	-0.70
Catalina S40	3000	40.00	5.74	5.25	25.40	16.20	0.34	1.40	-1.50
Luxfer S040	3000	40.00	5.74	5.25	24.60	15.30	0.32	1.80	-0.70
Catalina S45	3000	45.00	6.46	6.89	17.70	20.30	0.38	0.50	-2.80
Metal Impact S50	3000	48.40	6.90	6.90	19.00	21.30	0.37	0.80	-2.50
Luxfer S050	3000	48.40	6.95	6.89	19.00	21.20	0.37	1.30	-2.40
Catalina S50	3000	50.00	7.18	6.89	19.40	21.80	0.37	1.20	-2.40
Catalina S53	3000	53.00	7.60	7.25	19.20	25.10	0.40	0.10	-3.80
Catalina C60	3300	60.00	7.96	7.25	19.90	27.30	0.42	-1.20	-5.60
Metal Impact S63	3000	63.00	9.00	7.25	21.90	26.90	0.36	1.70	-2.40
Catalina S63	3000	63.00	9.05	7.25	21.70	26.90	0.36	1.80	-2.80
Luxfer S063	3000	63.00	9.05	7.25	21.85	26.60	0.36	2.60	-2.10
Luxfer S072	3000	69.60	10.00	6.90	26.00	28.50	0.35	3.80	-1.40
Metal Impact AL72	3000	72.10	10.00	6.89	26.00	27.80	0.34	2.80	-0.70
Catalina C80	3300	77.40	10.24	7.25	25.50	34.70	0.41	0.00	-5.80
Luxfer S080N	3300	77.40	10.32	8.00	22.93	35.12	0.41	2.26	-3.60
Metal Impact S80	3000	77.40	11.10	7.25	26.10	31.90	0.35	3.30	-1.50
Luxfer S080	3000	77.40	11.11	7.25	26.06	31.38	0.34	4.40	-1.40
Catalina S80	3000	77.40	11.11	7.25	25.90	31.30	0.34	4.10	-1.60
Metal Impact S100	3300	98.80	12.20	8.00	26.20	41.10	0.41	-1.90	-4.60
Luxfer S100	3300	98.80	13.18	8.00	26.20	41.10	0.38	2.80	-4.60
Catalina C100	3300	100.00	13.22	8.00	26.50	42.00	0.39	2.20	-5.20

STEEL

OMS C8	2640	7.87	1.20	3.58	11.25	5.00	0.51	-1.61	-2.23
OMS C13	2640	13.00	2.00	3.90	14.00	5.90	0.36	-2.25	-3.31
Faber FX15DV	3442	15.00	2.00	3.94	14.17	6.60	0.40	-1.21	-2.42
OMS C20	2640	20.00	3.00	3.90	19.50	7.50	0.30	-1.50	-3.00
Faber FX23DV	3442	23.00	3.00	3.94	19.50	8.60	0.35	-0.66	-2.64
Faber L27DV	2640	25.00	4.00	5.46	14.43	11.70	0.35	-1.07	-2.95
Worthington LP27	2640	27.00	4.30	5.50	14.50	11.90	0.34	-1.00	-3.00
PST LP 45	2640	45.00	7.16	5.50	23.00	19.60	0.33	-0.50	-3.70
OMS C45	2640	46.00	7.00	5.50	23.00	17.60	0.30	0.00	-4.00
Faber L50DVB	2640	48.70	8.00	5.51	25.20	18.90	0.29	1.24	-2.43
OMS C50	2640	50.00	7.80	5.50	25.20	19.92	0.31	-1.50	-4.80
PST E7-65	3442	65.00	8.28	7.25	16.75	23.20	0.34	-1.50	-6.40
OMS C66	2640	66.00	10.00	7.00	21.00	25.00	0.30	1.67	-5.15
Worthington X7-65	3442	66.40	8.20	7.25	16.70	25.10	0.37	-3.90	-8.70
Faber FX71DVB	3442	71.00	9.00	6.73	21.26	24.70	0.33	-1.40	-6.97
Faber M71DVB	3300	71.00	9.00	6.84	20.47	28.70	0.39	0.90	-4.35
PST MP 72	3300	71.20	9.42	6.90	20.75	30.00	0.39	-6.00	-11.40
Worthington LP77	2640	77.00	12.00	7.25	23.20	32.50	0.33	-1.00	-6.80
PST E7-80	3442	80.00	10.19	7.25	19.75	26.00	0.31	-3.30	-9.30
Faber HP80-HDG	3442	80.00	10.20	7.25	20.80	28.30	0.34	-1.74	-8.05
PST LP 80	2640	80.60	12.86	7.25	24.00	34.40	0.32	-1.00	-7.00
Worthington X7-80	3442	81.00	10.10	7.25	19.80	29.90	0.36	-3.00	-9.00
Faber L85DVB	2640	81.10	13.00	7.01	25.98	31.20	0.29	2.32	-3.80
Worthington LP85	2640	82.90	12.80	7.25	24.70	36.80	0.35	-0.70	-7.10
OMS C85	2640	85.00	13.00	7.00	26.00	31.00	0.29	0.00	-6.70
Worthington LP95	2640	93.30	14.80	8.00	23.70	41.90	0.34	-3.00	-10.10
Faber L95DVB	2640	95.00	15.00	8.02	23.82	37.20	0.30	1.69	-5.37
OMS C98	2640	98.00	15.00	8.00	24.00	38.00	0.31	0.00	-7.73
Worthington X7-100	3442	99.50	12.20	7.25	22.70	33.10	0.33	-2.50	-10.00
Faber M100DVB	3498	100.00	12.00	7.24	24.21	38.70	0.39	-6.69	-14.11
PST E7-100	3442	100.00	12.73	7.25	24.00	32.00	0.30	-1.30	-8.80
Faber HP100-HDG	3442	100.00	12.90	7.25	25.30	34.00	0.32	-0.59	-8.41
Faber L108DVB	2640	108.00	17.00	8.02	26.77	41.00	0.29	2.98	-5.02
Worthington LP108	2640	108.60	16.80	8.00	26.50	45.95	0.33	-2.60	-10.70
OMS C108	2640	112.00	17.00	8.00	26.00	41.00	0.29	-1.00	-8.00
Faber HP117-HDG	3442	117.00	15.00	8.00	24.20	37.60	0.30	0.35	-9.12
PST E8-119	3442	119.00	15.17	8.00	24.00	39.30	0.31	-3.30	-12.20
PST E7-120	3442	120.00	15.29	7.25	28.00	36.60	0.29	-1.30	-10.30
Faber HP120-HDG	3442	120.00	15.30	7.25	29.10	39.20	0.31	0.65	-8.82
Worthington LP121	2640	120.00	18.90	8.00	29.20	49.90	0.32	-2.00	-11.10
Faber L120DVB	2640	120.00	19.00	8.02	29.33	44.90	0.29	4.07	-4.87
Worthington X7-120	3442	120.60	15.30	7.25	27.70	39.70	0.31	-2.00	-11.00
Worthington X8-119	3442	123.00	14.80	8.00	23.90	42.50	0.35	-2.00	-10.90
OMS C121	2640	125.00	19.00	8.00	29.00	45.00	0.29	0.00	-9.50
PST E8-130	3442	130.00	16.60	8.00	25.56	42.20	0.31	-4.80	-14.60
OMS C135	2640	131.00	20.00	8.00	30.70	47.00	0.29	0.75	-10.30
Worthington X8-130	3442	131.40	16.00	8.00	25.30	44.70	0.34	-2.00	-11.70

Faber HP133-HDG	3442	133.00	17.00	8.00	26.85	42.40	0.30	1.45	-9.08
PST E8-149	3442	149.00	18.98	8.00	29.37	47.50	0.30	-1.70	-12.80
Faber FX149DVB	3442	149.00	19.00	8.02	29.53	46.90	0.30	2.35	-9.41

NOTE: For Faber, there are only minimal differences between Hot-dip (XS Scuba) and

NOTE: For OMS, the weights are listed **with** valve

NOTE: See spreadsheet for source URL's