

Aluminum Cylinders

Manufacturer & Nominal Capacity	Service pressure, psi	Actual air capacity, ft3	Outer diameter, in	Length without valve, in	Empty weight, lbs (w/o valve)	Buoyancy Empty, lbs (w/valve)	Buoyancy Full, lbs (w/valve)
Catalina S6	3000	6	3.21	10.8	2.6	-1.1	-1.5
Luxfer 6	3000	6	3.21	10.87	2.72	-1.03	-1.49
Catalina S13	3000	13	4.38	12.8	5.7	-0.8	-1.7
Luxfer 13	3000	13.2	4.37	12.87	5.94	-0.72	-1.71
Luxfer 14	2015	13.7	4.4	16.5	5.4	1.7	0.7
Catalina S19	3000	19	4.38	17.4	7.8	0	-1.3
Luxfer 19	3000	19.9	4.37	18.56	8.09	0.12	-1.37
Luxfer 27	3000	27.9	5.3	18	11.4	0.6	-1.5
Catalina S30	3000	30	5.25	20	13.7	-0.2	-2.4
Luxfer 30	3000	30	4.87	21.85	11.61	1.2	-1
Catalina S40	3000	40	5.25	24.9	15.9	1.7	-2.6
Luxfer 40	3000	39.9	5.25	24.75	15.3	2.2	-0.8
Catalina S45	3000	45	6.89	17.7	20.3	1.3	-2
Luxfer 50	3000	48.4	6.89	19	21.2	1.3	-2.4
Catalina S53	3000	53	7.25	19.2	25.6	-0.2	-4.1
Catalina C60	3300	60	7.25	19.9	27.3	-0.4	-4.9
Catalina S63	3000	63	7.25	21.6	27.2	2	-2.6
Luxfer 63	3000	63	7.25	21.85	26.6	2.6	-2.1
Luxfer 72	3000	69.6	6.9	26	28.4	3.6	-1.6
Luxfer 80	3000	77.4	7.25	26.06	31.38	4.4	-1.4
Luxfer S80	3000	78.2	8	22.93	35.12	2.26	-3.6
Catalina S80	3000	77.4	7.25	25.8	31.6	4	-1.8
Catalina C80	3300	77.4	7.25	25.1	34.4	-0.2	-5.9
Luxfer 92	3200	90.3	8	24.8	37.6	3.1	-3.6
Luxfer 100	3300	99.3	8	26.21	40.86	3.11	-4.34
Catalina C100	3300	100	8	27.3	46.1	-0.4	-7.8

STEEL CYLINDERS*								
Manufacturer & Nominal Capacity	Service pressure, psi	Actual air capacity, ft3	Outer diameter, in	Length without valve, in	Empty weight, lbs (w/o valve)	Buoyancy Empty, lbs (w/valve)	Buoyancy Full, lbs (w/valve)	Finish
Faber LP-12	2400+10%	13	3.9	14	5.9	-2.25	-3.31	Triple
Worthington X-13	3130+10%	13	4	12.5	6.9	-2.3	-3.3	Galv
OMS 13	2400 +10%	13	3.9	14	5.9	-2.25	-3.31	
Worthington X-19	3130+10%	19	4	16.5	9.3	-2.2	-3.8	Galv
OMS 20	2400 +10%	20	3.9	19.5	7.5	-1.5	-3	
Faber LP-20	2400 +10%	20	3.9	19.5	7.5	-1.5	-3	Triple
Worthington X-30	3130+10%	30	5.4	14.75	14.9	-3.9	-6	Galv
Worthington X-40	3130+10%	40	5.4	18.75	18.1	-3.3	-6.3	Galv
Heiser 45	2400 +10%	45	5.5	25.79	20.3	0.8	-2.575	Triple
PST LP 45	2400 +10%	45	5.5	23	19	-0.5	-3.7	Galv
Faber LP-45	2400 +10%	46	5.5	23	17.6	0	-4	Triple
OMS 45	2400 +10%	46	5.5	23	17.6	0	-4	
OMS 50	2400 +10%	50	5.5	25.2	19.92	-1.5	-4.8	
Faber LP-50	2400 +10%	50	5.5	25.2	19.92	-1.5	-4.8	Triple
OMS 66	2400 +10%	66	7	21	25	-1.67	-5.15	Triple
PST 65	3500	67	7.25	16.75	26.2	-1.5	-6.4	Galv
Faber FX 72	3442	72	6.73	21.26	24.7	-1.67	-6.7	Triple
PST MP 72	3300	72	6.9	20.75	30	-6	-11.4	Galv
Faber MP-72	3000+10%	72	6.75	20.5	28.7	-3.7	-8.45	Triple
Faber FX-80	3442	80	7.24	20.87	28.6	-1.74	-8.05	Triple
Faber LP-80	2400 +10%	78	7.25	24	30	-1.7	-7.55	Triple
Faber HP-80	3180 +10%	80	7.25	19.88	32.5	-7.22	-13.22	Triple
PST E7-80	3442 PSI	80	7.25	20	28	-2.5	-8.5	Galv
PST LP-80	2400 +10%	80.6	7.25	24	34	-1	-7	Galv
PST 80	3500	82	7.25	19.75	28.6	-3.3	-9.3	Galv
Worthington X-7 80	3442	80	7.25	19.7	28	-3	-9	Pwdr
Faber LP-85	2400 +10%	85	7	26	31	0	-6.7	Triple
OMS 85	2400 +10%	85	7	26	31	0	-6.7	Triple
Worthington LP7-85	2400+10%	85	7	24.7	34	-1	-6	Pwdr
Faber LP-95	2400 +10%	95	8	23.8	37.2	-1.2	-8.325	Triple
PST 95	2400 +10%	96.6	8	24.75	43.8	-3.3	-10.4	Galv
OMS 98	2400 +10%	98	8	24	38	0	-7.73	Triple
Worthington LP8-95	2400 + 10%	95	8	23.7	38	-1	-8	Pwdr
Faber FX-100	3442	100	7.24	25.39	34.3	-0.59	-8.41	Triple
Faber HP-100	3180 +10%	100	7.25	24.01	38.7	-7.26	-14.76	Triple
PST E7-100	3442 PSI	100	7.25	24.12	33	-1	-8.5	Galv
PST 100	3500	102	7.25	23.94	34.1	-1.3	-8.8	Galv
Worthington X7-100	3442	100	7.25	24	33	-2.5	-10	Galv
Heiser 104	2400 +10%	104	8	27.36	47.4	-7.46	-15.26	
PST 104	2400 +10%	106.2	8	26.88	46.4	-3.3	-11.27	Galv
OMS 108 (112)	2400 +10%	108	8	26	41	-1	-8	Triple
Faber LP-108	2400 +10%	108	8	26	41	-1	-8	Triple
Worthington L8-108	2400 +10%	108	8	26	43	neutral	-8	Pwdr
Faber FX-117	3442	117	8	24.91	38.9	0.16	-9.12	Triple
PST E8-119	3442 PSI	119	8	24	41	-2	-10.5	Galv
Worthington X8-119	3442	119	8	24	42	-2	-10.9	Galv
Faber FX-120	3442	120	7.24	29.33	39.2	-0.65	-8.82	Triple
Faber HP-120	3180 +10%	120	7.25	28.64	48.3	-7.22	-16.22	Triple
Heiser 120	3190	120	8.03	25.8	55	-17.82	-26.4	
PST E7-120	3442 PSI	120	7.25	28.25	38	0	-10.5	Galv
PST 120	3500	122.5	7.25	27.87	39.2	-1.3	-10.3	Galv
PST 120	2400 +10%	122.5	8	29.37	51.3	-1.7	-10.7	Galv
Faber LP-120	2400 +10%	125	8	29	45	0	-9.5	Triple
Worthington X7-120	3442	120	7.25	28	38	-2	-11	Galv
Worthington L8-121	2400 + 10%	121	8	29	47	1	-9	Pwdr
OMS 121 (125)	2400 +10%	125	8	29	45	0	-9.5	Triple
PST E8-130	3442 PSI	130	8	26.12	43	-1	-10.5	Galv
Worthington-X8-130	3442	130	8	25.5	43	-2	-11.7	Galv
Faber FX-133	3442	133	8	26.78	42.7	1.45	-9.08	Triple
OMS 135 (131)	2400 +10%	131	8	30.7	47	0.75	-10.31	Triple
Heiser 140	3190	140	8.03	29.9	63	-18.04	-28.4	
Faber FX-149	3442	149	8	29.53	46.9	2.35	-9.41	Triple
PST E8-149	3442 PSI	149	8	29.37	47.5	-1.7	-12.8	Galv
Heiser 190	4400	190	8.03	31.3	87	-46.86	-62.3	

Galv=Hot Dip Galvanization. Triple=Triple Coating, spray galvanize, epoxy paint, and polyurethane. Pwdr=Powder coat with spray galvaniz

Source:

TDL: <http://www.techdivinglimited.com/pub/tanks.html>

Huron Scuba: <http://www.huronscuba.com/equipment/scubaCylinderSpecification.html>