

THUNDERBIRD CYLINDERS

Industrial gas cylinders

For demanding industrial applications, we offer a comprehensive range of seamless all-aluminum cylinders that eliminate leaks, resist corrosion, and retain their concentricity under high pressure.



Features

- Tested in excess of 10,000 cycles at service pressure
- Sizes ranging from less than 1-liter water volume to up to 47.5 liters
- Stringent internal cleaning process ensures compliance with customer specifications
- Available with straight or tapered threads
- Brushed exterior provides a durable, low-maintenance finish for years of service
- Up to 40% lighter in weight than comparable steel cylinders



Learn more at:
thunderbird-cylinders.com

[performance under pressure]

Industrial gas cylinders

Manufactured to DOT and TC requirements

- U.S. Department of Transportation (DOT) 3AL
- Transport Canada (TC) 3ALM
- Every cylinder inspected and tested by DOT- and TC- authorized independent agency
- Cycle-tested in excess of 10,000 cycles at test pressure
- Minimum burst pressure tested to 2.5 times service



Standard specifications

PRODUCT	Service pressure (psi)	O ₂ capacity (ft ³)	Outside diameter (in)	Overall length (in)	Empty weight (lbs)	Internal volume (in ³)	Thread size
4 cu ft	2216	4	3.2	9	1.8	43	A
6 cu ft	2216	5.8	3.2	11.8	2.2	62	A
7 cu ft	2015	7.4	4.4	9.2	3.2	87	A
9 cu ft	2015	8.8	4.4	10.6	3.8	103	A
11 cu ft	2015	11.7	4.4	13.8	4.6	138	A
22 cu ft	2216	22.9	5.3	17.1	8.6	244	B
33 cu ft	2216	33.7	6.9	15.6	14.4	360	B
42 cu ft	2216	48.2	5.3	33.1	15.9	515	B
47 cu ft	2132	51.6	6.9	23	20	574	C
60 cu ft	2216	60.9	7.3	23.5	22.6	650	D
88 cu ft	2216	89.9	7.3	32.9	30.3	960	E
122 cu ft	2216	121.9	8	36.3	39.5	1302	E
150 cu ft	2015	153.2	8	47.9	48.5	1800	E
265 cu ft	2216	265.1	9.8	51.4	85.3	2831	F
269 cu ft	2216	271.5	9.8	52.8	92.6	2900	F

Metric specifications

PRODUCT	Service pressure (bar)	O ₂ capacity (l)	Outside diameter (mm)	Overall length (mm)	Empty weight (kgs)	Internal volume (l)	Thread size
4 cu ft	153	114.1	81	229	0.8	0.7	A
6 cu ft	153	164.5	81	299	1	1	A
7 cu ft	139	209.6	111	233	1.4	1.4	A
9 cu ft	139	248.4	111	270	1.7	1.7	A
11 cu ft	139	332.5	111	351	2.1	2.3	A
22 cu ft	153	647.1	133	435	3.9	4	B
33 cu ft	153	954.4	175	397	6.5	5.9	B
42 cu ft	153	1365.6	133	841	7.2	8.4	B
47 cu ft	147	1461.3	175	584	9.1	9.4	C
60 cu ft	153	1723.6	184	597	10.2	10.7	D
88 cu ft	153	2545.7	184	835	13.7	15.7	E
122 cu ft	153	3452.5	203	922	17.9	21.3	E
150 cu ft	139	4338.3	203	1216	22	29.5	E
265 cu ft	153	7506.8	250	1305	38.7	46.4	F
269 cu ft	153	7688.9	250	1340	42	47.5	F

*Thread Size: A - 0.750-16UNF-2B
 B - 0.750-16UNF-2B / 0.750-14 NGT / 1.125-12UNF-2B
 C - 1.125-12UNF-2B

D - 0.750-14 NGT / 1.125-12UNF-2B / M25 x 2
 E - 0.750-14 NGT / 1.125-12UNF-2B
 F - 0.750-14 NGT / 1.125-12UNF-2B / 25E



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