

High-Pressure Stainless Steel Compressed Gas Cylinder Sizes

For Specialty Gases and Industrial Gases

HP Steel Cylinder Size	DOT Specification	Service Pressure psig	Approximate Capacity†		Outside Diameter inches	Height* inches	Tare Weight** lbs.	Internal Water Volume††	
			cu. ft.	liters				cu. in.	liters
50	9809-1***	2900	335	9373	9	58.2	130	3051	50
49	3AA	2400	277	7844	9.25	55	143	2990	49
44	3AA	2265	232	6570	9	51	133	2685	44
44H	3AA	3500	338	9571	10	51	189	2607	44
44HH	3AA	6000	433	12261	10	51	303	2383	43
16	3AA	2015	76	2152	7	32.5	63	976	16
7	3AA	2015	33	934.6	6.25	18.5	28	427	7
3	3AA	2015	14	396.5	4.25	16.75	11	183	3
LB/LBX ^(NR)	3E	1800	2	53.8	2	12	3.5	27	0.4

* Without valve.

** With valve, nominal.

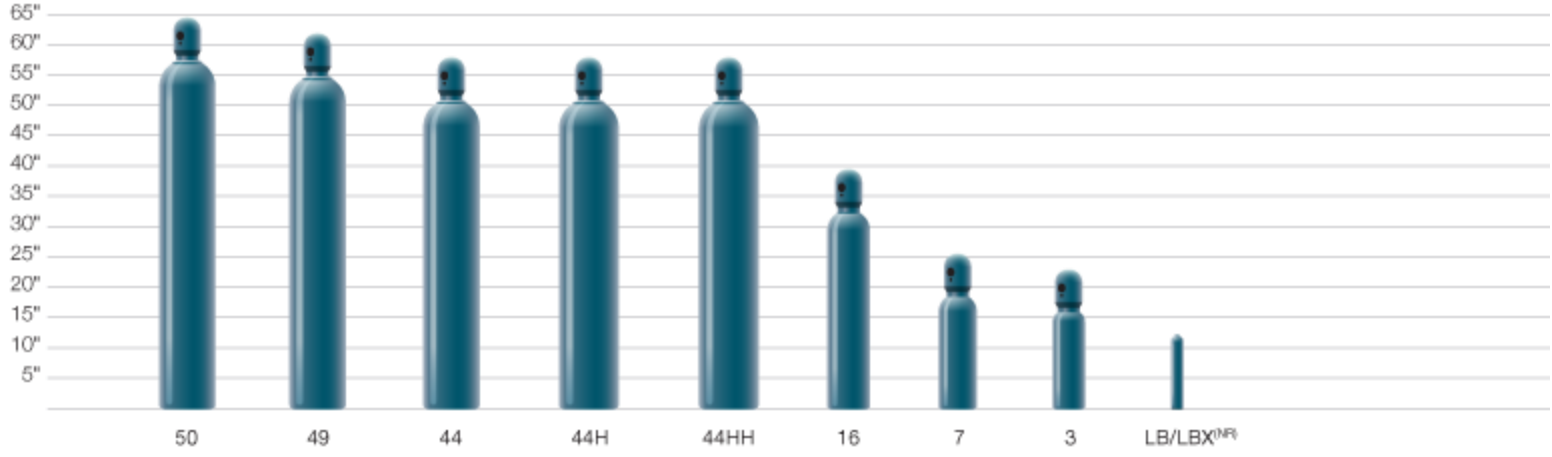
*** UN/ISO specification.

† For N₂ at 70°F 1 atm.

†† Nominal.

^(NR) Nonreturnable cylinder. Price of cylinder included in the price of gas.

Note: LBX is an LB cylinder with a CGA valve other than 170 or 180.



Gas Cylinder Comparison Chart

Air Liquide	Scott	Airgas	Linde	Matheson	Praxair
49	K	300	049 (T)	1L	T/UT
44	A	200	044 (K)	1A	K/UK
44H	-	-	-	1H	3K
44HH	-	3HP	485	1U	6K
16	B	80	016 (Q)	2	Q/UQ
7	C	35	007 (G)	3	G/UG
3	-	-	3	4	F
LB	LB	LB	LBR (LB)	LB	LB/RB
LBX	-	LX	-	7X	EB