

Specialty Gas Cylinder Dimensions

Specialty Gas Cylinder Dimensions							
Size	DOT Specification	Nominal Dimensions (Excluding Valve and Cap) in (cm)		Average Tare Weight lb (kg)		Average Internal Volume ft ³ (L)	
High Pressure							
300	3AA2400	9 x 55	(23 x 140)	137	(62)	1.76	(49.8)
200	3AA2265	9 x 51	(23 x 130)	119	(54)	1.55	(43.9)
80	3A2015	7 x 33	(18 x 84)	57	(26)	0.56	(15.9)
35	3A2015	7 x 19	(18 x 48)	26	(12)	0.26	(7.4)
10	3AA2015	4 x 17	(10 x 43)	9	(4)	0.10	(2.8)
LB02	3E1800	2 x 12	(5 x 30)	2	(0.7)	0.015	(0.43)
LB/LBX	3E1800	2 x 12	(5 x 30)	2	(0.9)	0.015	(0.43)
E	3AA2015	4 x 26	(10 x 66)	14	(6)	0.16	(4.5)
3HP	3AA6000	10 x 51	(25 x 130)	300	(136)	1.49	(42.2)
2HP	3AA3500	9 x 51	(23 x 130)	187	(85)	1.53	(43.3)
Low Pressure							
65	3A480	10 x 49	(25 x 124)	85	(39)	1.93	(54.7)
B	3A480	10 x 36	(25 x 91)	90	(41)	1.28	(36.2)
C	3A480	8 x 22	(20 x 56)	33	(15)	0.53	(15.0)
150LP	4AA480	15 x 52	(38 x 132)	160	(73)	4.46	(126.3)
350LP	4BW240/260	16 x 50	(41 x 127)	75	(34)	3.83	(108.5)
1/4 TON	4BW240/260	22 x 48	(56 x 122)	167	(76)	7.64	(216.4)
65380LP	4BA240/260	12 x 45	(30 x 114)	48	(22)	2.31	(65.4)
1/2 TON	4BW240/260	30 x 57	(76 x 145)	315	(143)	16.00	(453.0)
LP2.5	4B240	9 x 17	(23 x 43)	14	(6)	0.4	(11.3)
LP5	4B240	12 x 18	(30 x 46)	18	(8)	0.77	(21.8)
C₂H₂							
380	8/8AL	12 x 41	(30 x 104)	185	(84)	2.36	(66.8)
HCl, Bulk Electronic Gases							
Y	3A1800	24 x 90	(61 x 229)	1,108	(503)	15.83	(448)
H₂S							
TON	106A800X	30 x 82	(76 x 208)	2,254	(1,022)	25.82	(731)
SO₂, C₂H₅Cl, Cl₂, CH₃Cl							
TON	106A500X	30 x 82	(76 x 208)	1,400	(635)	25.64	(726)
Aluminum							
300A	3AL2216	10 x 55	(25 x 132)	90	(41)	1.64	(46.4)
150A	3AL2015	8 x 48	(20 x 122)	48	(22)	1.04	(29.5)
80A	3AL2216	7 x 33	(18 x 84)	32	(15)	0.56	(15.8)
33A	3AL2216	7 x 16	(18 x 41)	15	(7)	0.21	(5.9)
9A	3AL2015	4.5 x 15	(10 x 26)	9	(4.4)	0.095	(2.68)

*These dimensions are not exact. They should not be used for engineering drawings or equipment specifications.

Specialty Gas Cylinder Size Comparison Chart

Specialty Gas Cylinder Size Comparison Chart							
Approximate Dimensions (inches)	Airgas	Linde	Air Liquide	Praxair	Matheson Trigas	MG	Scott Specialty Gases
High Pressure Steel							
9 x 55	300	049	49	T	1L	300	K
9 x 51	200	044	44	K	1A	200	A
7 x 33	80	016	16	Q	2	80	B
7 x 19	35	007	7	G	3	35	C
2 x 12	LB	LBR	LB	LB	LB	LB	LB
4 x 26	E	005	MEDE	ANE	3L	E	ER
10 x 51	3HP	485	44H	6K	1U	3HP	—
9 x 51	2HP	—	44H	3K	1H	2HP	—
Aluminum							
10 x 52	300A	—	AT	—	—	—	—
8 x 48	150A	A31	30AL	AS	1R	150AL	AL
7 x 33	80A	A16	22AL	AQ	2R	80AL	BL
7 x 16	33A	A07	7AL	AG	3R	33AL	CL
4.5 x 15	9A	—	9AL	—	—	9AL	—

Additional Supply Modes —

Bulk Specialty Gases and Chemicals

Many Airgas specialty gases and chemicals can be supplied in bulk quantity. Products available in bulk quantity are identified throughout the catalog by the symbols shown below:



Tank trucks are used for over-the-road transportation of cryogenic liquids. Liquid product is then transfilled to cryogenic storage tanks at customer locations.



Tube trailers (T.T.) provide over-the-road shipment of high-pressure gases, gaseous chemicals, and gas mixtures. The trailers serve as on-site storage systems at customer locations.

Cryogenic Liquid Cylinders

Cryogenic liquids such as nitrogen and helium are supplied in dewars (low-pressure cryogenic tanks) for larger requirements near customers' point of use.



MicroBulk

As your need for higher gas volumes increases, time lost to changing out cylinders and gas lost to venting liquid dewars can take a bigger bite out of your bottom line. Airgas MicroBulk delivery is the perfect way to get the cost efficiencies of bulk deliveries, but in smaller volumes. Airgas' integrated MicroBulk delivery system eliminates the hassles and extra expense of cylinders and liquid dewars and provides a safer work environment.



If you are considering large-volume supply, a representative from Airgas can discuss your requirements and the economics of alternate supply systems.

