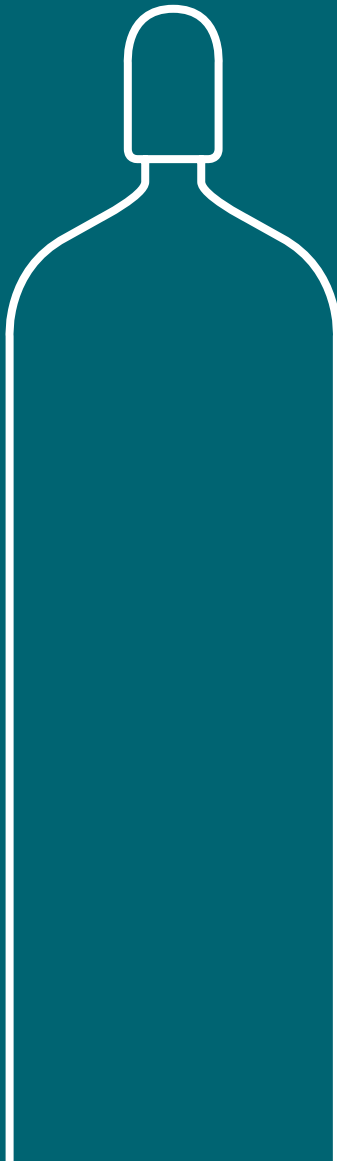


Safe and Reliable Gas Supply



For your information: defining compressed gases

Compressed gas is defined as any non-flammable material or mixture contained under pressure exceeding 41 psia (3 bar) at 70°F (21°C), or any flammable or poisonous material that is a gas at 70°F (21°C), stored at a pressure of 14.7 psia (1 bar) or greater. Most compressed gases will not exceed 2,000–2,640 psig (138–182 bar), though some go up to 6,000 psig (414 bar).





Liquefied compressed gas is any chemical or material that, under the charged pressure, is partially liquid at a temperature of 70°F (21°C).

Non-liquefied compressed gas is any chemical or material (other than gas in solution) that, under the charged pressure, is entirely gaseous at a temperature of 70°F (21°C).

Ask us about

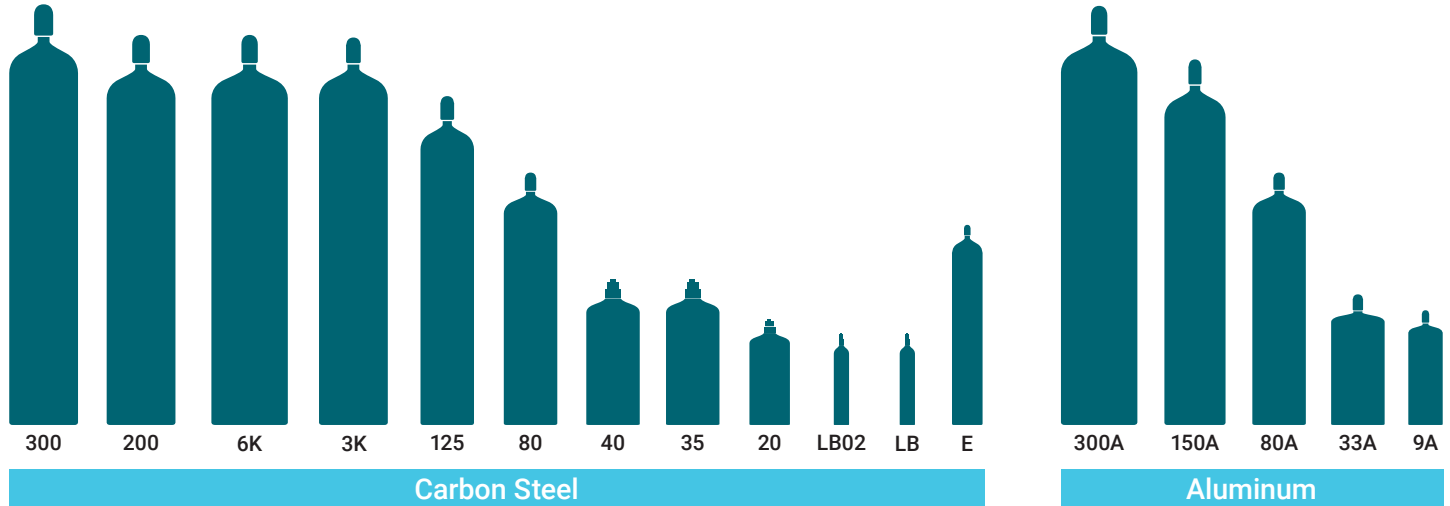
Innovative cylinder valves

These innovative cylinder valves with permanent tops improve cylinder handling, gas use and safety.

			
<p>EXELTOP™</p>	<p>SMARTOP™</p>	<p>INTELLI-OX+™</p>	<p>WOB+™</p>
<p>For ARCAL™ shielding gases</p> <ul style="list-style-type: none"> • on/off lever for quick gas shut off • built-in regulator 	<p>For ARCAL shielding gases and ALPHAGAZ™ 1 analytical gases</p> <ul style="list-style-type: none"> • double on/off levers for quick gas shut off • at-a-glance gas pressure readings 	<p>For medical-grade oxygen</p> <ul style="list-style-type: none"> • FDA 510k cleared as MR Conditional • get accurate time remaining information for O₂ • integrated regulator 	<p>For medical-grade gases</p> <ul style="list-style-type: none"> • FDA 510k cleared as MR Conditional • integrated regulator
<p>Learn more</p>	<p>Learn more</p>	<p>Learn more</p>	<p>Learn more</p>

High-pressure cylinders for industrial and specialty gases

Airgas provides a large portfolio of high-pressure compressed gas cylinders—aluminum and steel—with a variety of volume capacities for any application. High-pressure cylinders are ideal to safely transport, store and use compressed gases. While most of our gas cylinders remain the property of Airgas, we also fill customer-owned cylinders provided they meet all appropriate safety and regulatory requirements. Manifolded multi-cylinder packs are also available. Please contact your Airgas representative for more information.



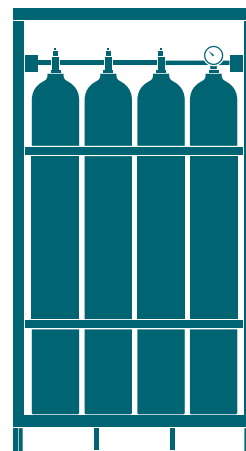
Size*	DOT Specifications	Nominal Dimensions (excluding valve and cap)		Tare Weight (average)		Internal Water Volume (average)	
		in	cm	lb	kg	cf	liter
Carbon Steel							
300	3AA2400	9 x 55	23 x 140	137	62.0	1.76	49.8
200	3AA22652015	9 x 51	23 x 130	119	54.0	1.55	43.9
6K	3AA6000	10 x 51	25 x 130	300	136.0	1.49	42.2
3K	3AA3500	9 x 51	23 x 130	187	85.0	1.53	43.3
125	3AA22652015	7 x 43	18 x 109	62	28.0	0.80	22.6
80	3AA2015	7 x 33	18 x 84	57	26.0	0.56	15.9
40	3AA2015	7 x 19	18 x 48	26	12.0	0.26	7.4
35	3AA2015	7 x 19	18 x 48	26	12.0	0.26	7.4
20	3AA2015	5.3 x 13.8	13.5 x 35	11	4.8	0.13	3.6
LB02	3E1800	2 x 12	5 x 30	2	0.7	0.015	0.43
LB	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	0.16	4.5
Aluminum							
300A	3AL2216	10 x 55	25 x 132	90	41.0	1.64	46.40
150A	3AL2015	8 x 48	20 x 122	48	22.0	1.04	29.50
80A	3AL2216	7 x 33	18 x 84	32	15.0	0.56	15.80
33A	3AL2216	7 x 16	18 x 41	15	7.0	0.21	5.90
9A	3AL2015	4.5 x 15	10 x 26	9	4.4	0.095	2.68

* Please see page 4 for available cylinder packs.

High-pressure gas cylinder packs

Cylinder packs are perfect for applications requiring uninterrupted gas flow and are available in 6, 12 and 16 cylinder configurations for size 300 cylinders. Contact your Airgas representative for more information.

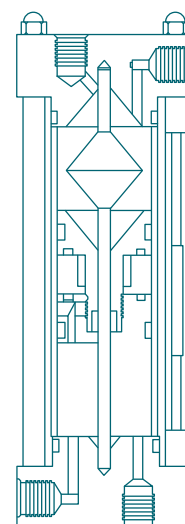
Pack Size	DOT Specifications	Service Pressure		Dimensions (inches)			Tare Weight (average)		Internal Water Volume (nominal)	
		psig	bar	W	D	H	lb	kg	cf	liter
6	3AA	2400	165.5	41.5	32.4	80	1347	610.9	10.5	298.8
12	3AA	2400	165.5	41.5	32.4	80	2169	983.8	21.1	597.6



Piston cylinders for liquid gas mixtures

Piston cylinders are used with more volatile compounds to guarantee these components remain in the liquid phase throughout the entire use of the mixture and do not change as the cylinder is depleted. Please contact your Airgas representative for more information

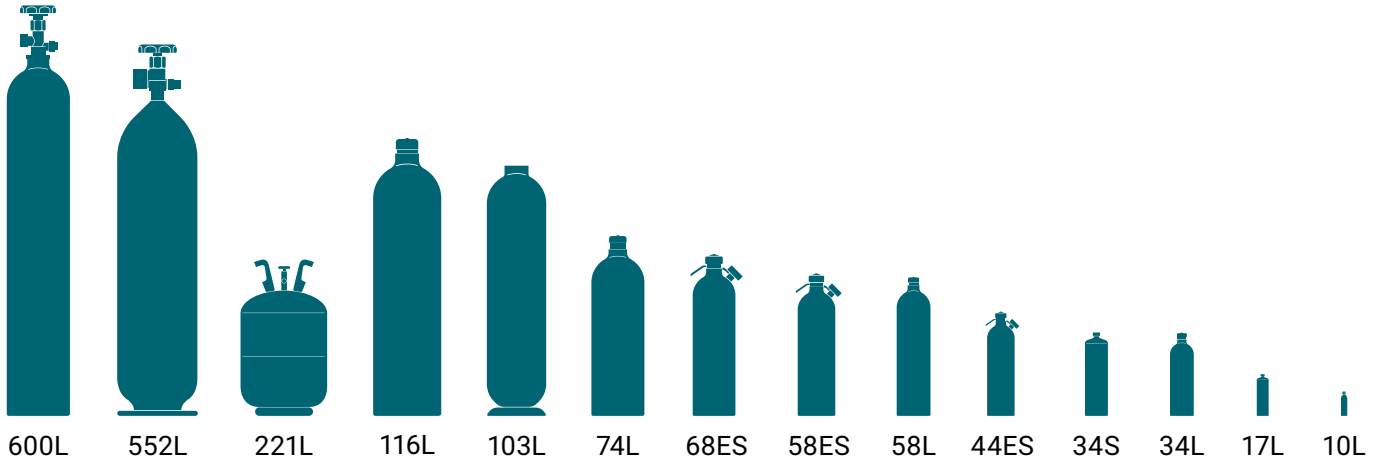
Size*	DOT Specifications	Service Pressure		Capacity (approx)		Dimensions (inches)			Internal Water Volume	
		psig	bar	cf	liter	OD	W	L	cf	liter
300	E-7657	1800	124.1	18.3	0.3	3	12.8	18.0	18.3	0.3
500	E-7657	1800	124.1	30.5	0.5	3	17.2	22.4	30.5	0.5
1000	E-7657	1800	124.1	61.0	1.0	3	30.7	35.9	61.0	1.0



* Carrying case is sold separately and must be purchased with your piston cylinder—contact your Airgas representative for more information

Portable high-pressure cylinders

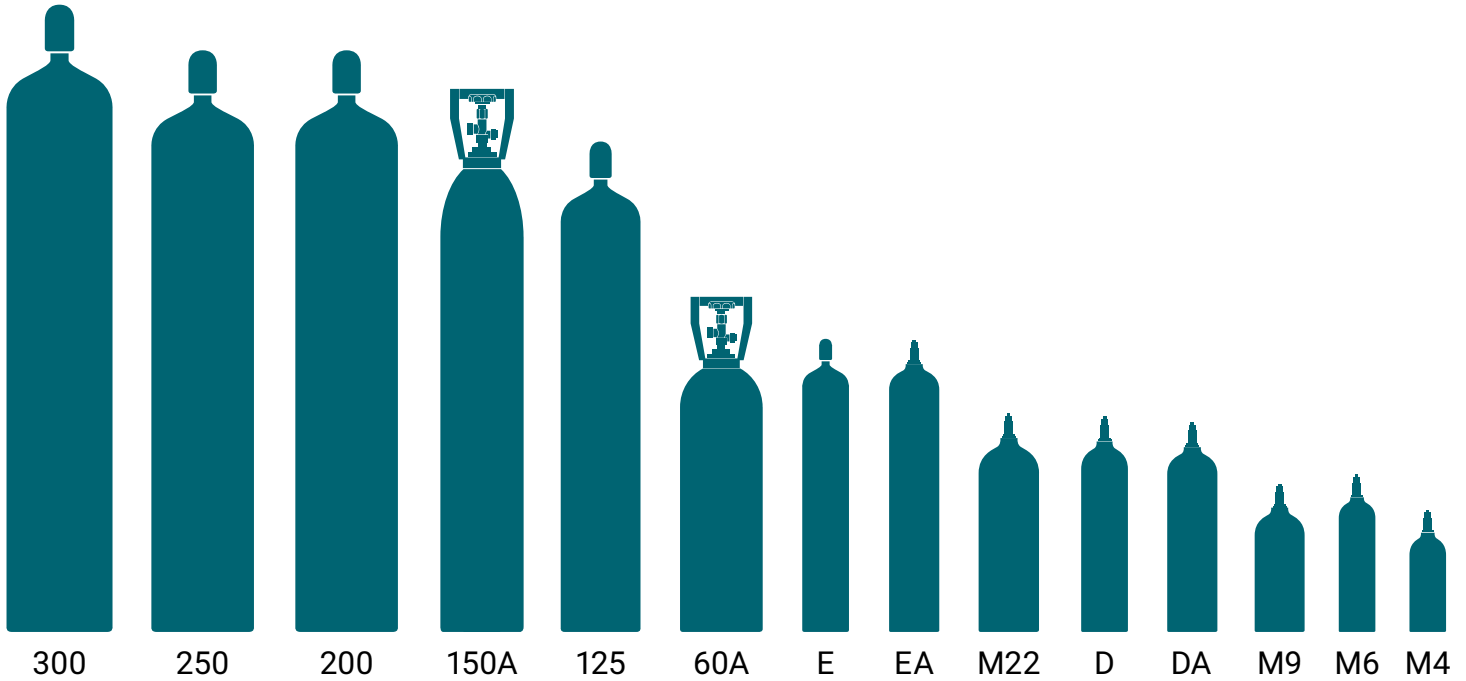
Non returnable portable cylinders from Airgas provide ultra-pure gases and high-accuracy calibration gases in a wide variety of cylinder sizes and volumes. High reliability and convenient size make them a cost-effective alternative to returnable, high-pressure cylinders whenever portability or limited gas quantities are needed. Contact your Airgas representative for more information.



Size	Cylinder Type	Gas Type	Material	Content		Pressure		Dimensions	Water Capacity	Weight		Valve Inlet
				cf	liter	psig	bar	in (h x w)	liter	lb	kg	
600L	Non-refillable	Non reactive	Aluminum alloy	21	600	1900	131	28.75 x 4.38	4.66	8.55	3.88	Varies
552L	Non-refillable	Non reactive	Steel	19.4	552	2200	151.7	20.75 x 4.5	3.69	11	4.99	3/4" NGT
221L	Non-refillable	Non reactive	Steel	8	221	250	17.2	16.25 x 9	12	6.3	2.86	CGA 165 3/4" NGT
116L	Non-refillable	Most reactive	Aluminum alloy	4	116	1000	69	14.25 x 3.53	1.72	2.2	1	5/8"-18 UNF (C10)
103L	Non-refillable	Non reactive	Steel	3.6	103	1000	69	13.6 x 3.3				5/8"-18 UNF (C10)
74L	Non-refillable	All reactive mixes	Aluminum Alloy	2.6	74	500	34.5	14.25 x 4.25	2.2	2.5	1.13	5/8"-18 UNF (C10)
66ES	Refillable	Reactive and non reactive	Aluminum alloy	2.33	66	1200	82.7	9.8 x 2.9	0.79	1.7	0.77	5/8"-18 UNF (C10)
58ES	Refillable	Reactive and non reactive	Aluminum alloy	2.05	58	1000	69	9.8 x 2.9	0.79	1.7	0.77	5/8"-18 UNF (C10)
58L	Non-refillable	All reactive mixes	Aluminum alloy	2	58	500	34.5	14.25 x 3.53	1.72	1.12	0.51	5/8"-18 UNF (C10)
44ES	Refillable	Reactive and non reactive	Aluminum alloy	1.5	42	825	56.9	9.8 x 2.9	0.79	1.7	0.77	5/8"-18 UNF (C10)
34S	Non-refillable	Non reactive	Steel	1.2	34	500	34.5	10.75 x 2.9	0.9	1.8	0.82	CGA 600 3/4" NGT
34L	Non-refillable	All reactive mixes	Aluminum alloy	1.2	34	500	34.5	10.64 x 3.125	0.9	1.93	0.88	5/8"-18 UNF (C10)
17L	Non-refillable	Non reactive	Steel	0.6	17	240	16.6	10.75 x 2.9	1	1	0.45	CGA 600 3/4" NGT
10L	Non-refillable	Most reactive and all non reactive	Aluminum alloy	0.35	10	160	11	11.5 x 2.9	0.97	0.31	0.14	n/a

High-pressure cylinders for medical gas

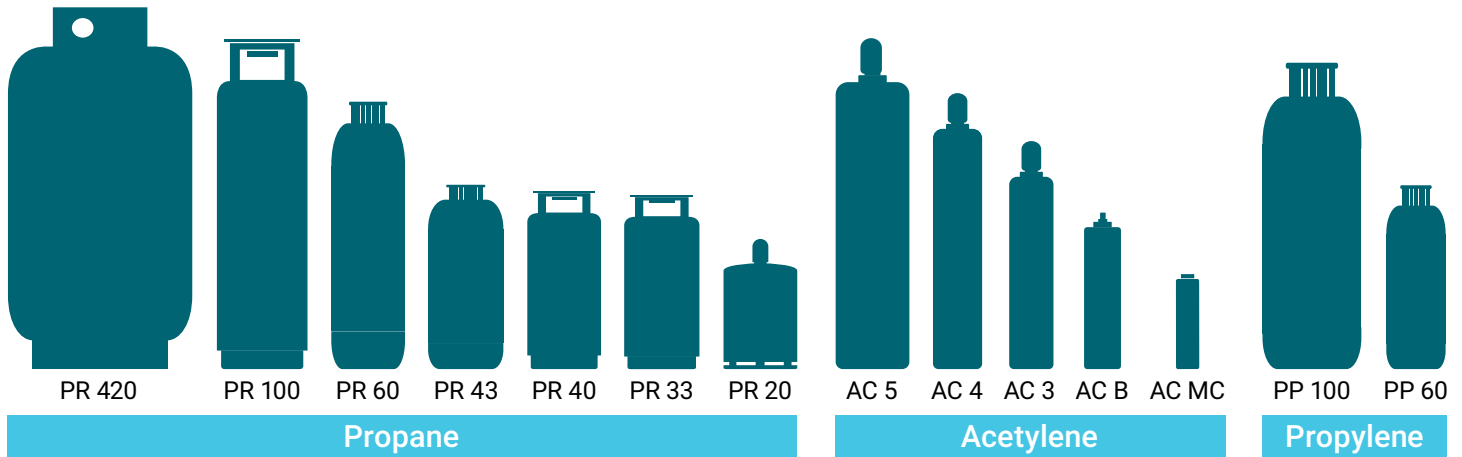
Get the right amount of medical gas to help keep your patients safe, avoid runout and maintain your schedules. Airgas Healthcare offers a variety of cylinder sizes designed for convenience while meeting regulatory requirements. Please contact your Airgas Healthcare representative for more information.



Size	DOT Specification	Material	Service Pressure		Oxygen Volume		Dimensions				Content Weight (avg)	
			psig	bar	cf	liter	Diameter		Length		lb	kg
							in	mm	in	mm		
300	3AA2400	Steel	2400	165	337	9540	9.3	235.0	55.0	1397.0	27.9	12.6
250	3AA2265	Steel	2265	156	281	7960	9.0	228.6	51.0	1295.4	23.3	10.5
200	3AA2015	Steel	2215	153	251	7100	9.0	228.6	51.0	1295.4	20.5	9.3
150A	DOT-3AL	Aluminum	2015	139	153	4333	7.3	185.4	46.5	1181.1	13.0	5.9
125	3AA2015	Steel	2015	139	127	3540	7.0	177.8	43.0	1092.2	10.5	4.8
60A	DOT-3AL	Aluminum	2216	153	61	1702	7.3	184.2	23.0	584.2	5.0	2.3
E	3AA2015	Steel	2015	139	25	697	4.1	104.1	25.7	652.8	2.0	0.9
EA	DOT-3AL	Aluminum	2015	139	24	679	4.4	111.8	25.6	650.2	2.0	0.9
M22	DOT-3AL	Steel	2216	153	23	652	5.3	134.6	17.0	431.8	1.9	0.9
D	DOT-3AL	Steel	2015	139	15	427	4.1	104.1	16.7	424.2	1.3	0.6
DA	DOT-3AL	Aluminum	2015	139	15	425	4.4	111.8	16.5	419.1	1.3	0.6
M9	DOT-3AL	Steel	2015	139	9	250	4.4	111.8	10.9	276.9	0.8	0.3
M6	DOT-3AL	Steel	2216	153	6	170	3.2	81.3	11.8	299.7	0.5	0.2
M4	DOT-3AL	Steel	2216	153	4	113	3.2	81.3	9.0	228.6	0.3	0.1

Low-pressure cylinders for industrial gases

Airgas provides numerous packaging options for industrial gases, including low-pressure compressed gas cylinders in a variety of sizes and volume capacities for any application. These low-pressure cylinders are ideal for flammable gases such as acetylene and propane. While most of our gas cylinders remain the property of Airgas, we also fill customer-owned cylinders provided they meet all appropriate safety and regulatory requirements. Please contact your Airgas representative if you don't see the exact size you need.



Size	Gas	DOT Specifications	Nominal Dimensions		Gas Volume (max)	
			in (w x h)	cm (w x h)	lbs	gal
PR 420	Propane	4BW240	30 x 52.5	76.2 x 133.4	400	95
PR 100	Propane	4BW240/260	14.75 x 48.5	37.5 x 123.1	95	22
PR 60	Propane	4BW240	12 x 40	30.5 x 101.6	57	14
PR 43	Propane	4BW240	12.25 x 30	31.1 x 76.2	41	10
PR 40	Propane	4BW240	12 x 29	30.5 x 73.7	38	9
PR 33	Propane	4BA240/4E240	12.25 x 28.5	31.1 x 72.4	32	8
PR 20	Propane	4B240	12 x 18	30.5 x 45.7	17	4

Size	Gas	DOT Specifications	Nominal Dimensions		Internal Volume	
			in (w x h)	cm (w x h)	cf	liter
AC 5*	Acetylene	DOT-8/8AL	12 x 46.7	30.5 x 118.6	397	11,242
AC 4	Acetylene	DOT-8/8AL	8 x 39.1	20.3 x 99.3	145	4,106
AC 3	Acetylene	DOT-8/8AL	7.2 X 31.3	18.3 x 79.4	75	2,124
AC B	Acetylene	DOT-8/8AL	6 x 23.1	15.2 x 58.7	40	1,133
AC MC	Acetylene	DOT-8/8AL	3.8 x 15.1	9.73 x 38.4	10	283
PP 100	Propylene	4BW260	14.7 x 50	37.3 x 127	99	3
PP 60	Propylene	4BW260	12 x 40	30.5 x 101.6	59	2

Please note: Propane and propylene are offered in bulk. Ask your Airgas representative for more details.

* Available in 10 pack.

Fill Your Potential.™

Contact us
800.909.8058 | info@airgas.com
Airgas.com

MCM-552 | ©2022 Airgas, Inc.

Airgas
an Air Liquide company