



Product Specification

AIR

General Characteristics: A colorless, non-flammable and odorless gas.

Health Hazards: Non-hazardous at atmospheric pressure.

Gas Grade/Purity	Cylinder Size	Contents	Product Code
V.O.C. Free THC < 0.01 ppm, CO < 0.1 ppm, CO ₂ < 0.3 ppm, H ₂ O < 2.0 ppm, O ₂ Content = 20 to 21%	AL150	4.2 m ³	AIRVOC150
	AL30	2.2 m ³	AIRVOC30
	AL6	0.87 m ³	AIRVOC6
Ultra-Zero Ambient Monitoring Zero THC < 0.05 ppm, CO < 0.1 ppm, H ₂ O < 5 ppm, CO ₂ = 315-385 ppm, NO _x < 0.02 ppm, SO ₂ < 0.005 ppm, SF ₆ < 0.001 ppm O ₂ Content = 20 to 21% * available of without CO ₂ on request	AL150	4.2 m ³	AIRZERO150
	AL30	2.2 m ³	AIRZERO30
	AL6	0.87 m ³	AIRZERO6
CEM Zero THC < 0.1 ppm, CO < 0.5 ppm, CO ₂ < 1 ppm, H ₂ O < 5.0 ppm, O ₂ Content = 20 to 21%	44 L	6.2 m ³	AIRCEM44
	10 L	1.5 m ³	AIRCEM10
	LB	57 L	AIRCEMLB
Synthetic CO < 1 ppm, CO ₂ < 2 ppm, H ₂ O < 5 ppm O ₂ Content = 20 to 21%	44 L	6.2 m ³	AIR44
	10 L	1.5 m ³	AIR10
	LB	57 L	AIRLB

Cylinder Specification

Cylinder Size	Cylinder Dimension Diameter x Height	Connection	Content
AL150 Aluminum	20 cm x 120 cm approx.	CGA 590	Net content : 4200 L Pressure@70°F: 2000 psig
AL30 Aluminum	18 cm x 84 cm approx.	CGA 590	Net content : 2200 L Pressure@70°F: 2000 psig
AL6 Aluminum	18 cm x 40 cm approx.	CGA 590	Net content : 870 L Pressure@70°F: 2000 psig
44 L	23 cm x 130 cm approx.	BS 341 No.3	Net content : 6200 L Pressure@70°F: 2000 psig



10 L	18 cm x 60 cm approx.	BS 341 No.3	Net content : 1500 L Pressure@70°F: 2000 psig
LB	5 cm x 30 cm approx.	CGA 180	Net content : 57 L Pressure@70°F: 2000 psig

Technical Information

Molecular Weight	28.96	Dot Name	Air, Compressed
Specific Volume	13.3CF/lb	UN No.	UN1002
Fire Potential	Non-flammable	Dot Class	2.2
CGA Valve	590	Dot Label.....	Non-flammable Gas
LB	180	Cas Registry	25635-88-5