

Air

Technical Data

Molecular Weight	28.97
Boiling Point	- 317.8° F
Specific Volume	13.3 cf/lb
Critical Temperature	- 221.1° F
Critical Pressure	546.8 psia

Safety Data

Flammable Limits	Supports Combustion
Toxicity	Nontoxic
Compatibility	Noncorrosive

Shipping Data

DOT Name	Air, Compressed
Hazard Class	2.2
ID No.	UN1002
DOT Label	Nonflammable Gas
CAS. No.	(O ₂) 7782-44-7 (N ₂) 7727-37-9

Ultra Zero Plus

Specifications: THC < 0.1 ppm H₂O < 2 ppm

Product Code	Cylinder Size	Contents cu. ft.	Pressure psig @ 70° F	Valve Outlet CGA	Recommended Pressure Regulator Type	Series	Page
LW709	T	315	2640	590	Two-stage	Model 600	122
LW705	K	233	2200	590	Single-stage	Model 600	121
LW705Q	Q	78	2200	590			
LW705G	G	38	2200	590			

UHP/Zero

Specifications: THC < 0.5 ppm H₂O < 3 ppm

Product Code	Cylinder Size	Contents cu. ft.	Pressure psig @ 70° F	Valve Outlet CGA	Recommended Pressure Regulator Type	Series	Page
LW700	T	315	2640	590	Two-stage	Model 600	122
LW701	K	233	2200	590	Single-stage	Model 600	121
LW755	Q	78	2200	590			
LW754	G	38	2200	590			
LW757	LB	2	1775	180	Lecture Bottle	Model 400	133
EX070	ExCaliber™	3.6	1775	180	ExCaliber™ Support Equipment		103

CO₂ Free

Specifications: CO₂ < 1 ppm

Product Code	Cylinder Size	Contents cu. ft.	Pressure psig @ 70° F	Valve Outlet CGA	Recommended Pressure Regulator Type	Series	Page
LW706	T	315	2640	590	Two-stage	Model 600	122
LW706K	K	233	2200	590	Single-stage	Model 600	121
LW706Q	Q	78	2200	590			