Air

Need compressed and synthetic air in a variety of purities and concentrations?

Ambient air can be compressed for a variety of applications. When combined with a fuel gas, compressed air produces a flame with a lower temperature than an oxy-fuel flame.

You can use air-fuel flame for brazing, soldering and carbon coating lower-temperature alloys. An air fuel flame can give welders greater control over the thickness of the carbon coat.

You can also use compressed air for pneumatic drills, plasma cutting, and metallurgical processes.

You can use synthetic air as a zero-gas when operating and calibrating environmental monitoring and test equipment. You can also use synthetic air as a balance gas in many calibration mixtures and as an oxidizer for flame ionization detectors in laboratories.

Please refer to the table below for information and the link to access Safety Data Sheets on Air available from Central Welding Supply website.

PRODUCT NAME:	**CONCENTRATION:**	
Air: Ultra Zero Grade	Oxygen Nitrogen Water Total Hydrocarbons	20%-22% 78%- 80% < 2 ppm < 0.5 ppm
Air: Zero Grade	Oxygen Nitrogen Water Total Hydrocarbons	20%-22% 78%- 80% < 3 ppm < 2 ppm
Air: Industrial/ Grade D Breathing	Oxygen Nitrogen	19.5%-23.5% 76.5%- 80.5%

Compressed and synthetic air comes in a variety of cylinder types and sizes to meet your purity and volume requirements. (Cont'd on next page.)

HIGH PRESSURE STEEL CYLINDERS

Size/Name	Cubic Ft	Width	Height	Weight
80	92 cf	7”	33”	47 lbs
125	125 cf	7”	43”	61 lbs
150	155 cf	7.5”	46”	70 lbs
250	251 cf	8.5”	51”	115 lbs

GASES SAFETY DATA SHEETS (SDS)

Central Welding Supply Online Resource
URL: http://www.centralwelding.com/