

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 | 20%-22% |
| | Nitrogen | 78%- 80% |
| | Water | < 2 ppm |
| | Total Hydrocarbons | < 0.5 ppm |
| Air: Zero Grade | Oxygen | 20%-22% |
| | Nitrogen | 78%- 80% |
| | Water | < 3 ppm |
| | Total Hydrocarbons | < 2 ppm |
| Air: Industrial/ Grade D Breathing | Oxygen | 19.5%-23.5% |
| | Nitrogen | 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/sds.html>

