

Air - Diving, Instrument & Zero

Description

Is a mixture of mainly Nitrogen and Oxygen gases. It is a non-flammable gas which is odourless, and colourless. Air is the Earth's natural atmosphere.

Zero Air is a mixture of pure Nitrogen and Oxygen (to eliminate impurities found in air).

Applications

- Industrial compressed air is employed as a source for burning and various industrial oxidation processes.
- Other common uses include the operation of pneumatic tools, starting diesel engines and 'pigging' pipelines.
- Industrial EHP Air is supplied at higher pressures in extra high pressure, cylinders of great capacity.
- Instrument Grade Air is used for non-critical instrument use.
- Diving Grade Air is used for scuba diving.
- Zero Air is used in calibrating environmental & other instruments, and used as an oxidant in Gas Chromatography FID (Flame Ionization Detection).

Hazard statement(s)

- Contains gas under pressure; may explode if heated.

Signal Word:	Warning
UN No.:	1002
Hazard No.:	2T
Chem Symbol:	N/A
Pictograms:	



Prevention statement(s)

- None allocated.

Response statement(s)

- None allocated.

Storage statement(s)

- Protect from sunlight. Store in a well-ventilated place.

Other hazards

- No information provided.



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General Specifications

Specifications	D Cylinder	E Cylinder	G Cylinder	12 Pack	16 Pack Offshore*
Cylinder/Pack (101.325kPa @15°C) - m ³	1.5	3.5	9.5	113.0	165.0
Water capacity per Cylinder - L	10	23	50	600	800
Cylinder Colour	Pewter Body/Black Shoulder				
Outlet Connection	Type 60				
Package Dimensions (H x W x D) - mm	645 x 180	780 x 230	1,510 x 230	1,900 x 780 x 1,020	2155 x 1065 x 1065

* 16 Pack Offshore is only available in Diving Grade Air. Cylinder dimensions are approximate – variations may occur due to manufacturing tolerances. Height includes the valve. Container sizes may vary from state to state.

Package Sizes Available



Typical Analysis

Product Type	O ₂	N ₂	CO ₂	CO	Oil	THC	Moisture
Diving	21 ±2%	Balance	≤500ppm	≤5ppm	≤0.1mg m ⁻³	N/A	≤25ppm
Instrument	20.4 - 21.4%	Balance	N/A	N/A	N/A	N/A	<20ppm
Air Zero	20.0 - 22.0%	Balance	N/A	N/A	N/A	<0.5ppm	≤3ppm

Quality Assurance

Supagas Pty Ltd is committed to comply with the requirements of ISO 9001-2019 and to continually improve the effectiveness of our Quality Management System.

Everyone at Supagas understands we must provide a safe environment for both our employees and the wider community. We are therefore committed to implement and maintain a continual improvement approach throughout the organisation whilst also meeting all applicable statutory and regulatory requirements.

For Further Information

On how we can help you with all your residential and industrial gas needs, view our website supagas.com.au, call Customer Service on 13 78 72 or drop in to your local Supagas branch.