

Medical Air



Description

Air, the earth's natural atmosphere, is a non-flammable, colourless and odourless mixture of gases in which nitrogen (78%) and oxygen (21%) predominate. The balance of less than 1% is composed of the rare gases helium, neon, argon, krypton and xenon. Supplied in high pressure in metal cylinders.

Applications

- Medical grades of air are used for human respiration in breathing apparatus and the dry grades may be used for driving surgical air tools.

Hazard statement(s)

- Contains gas under pressure; may explode if heated..

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.

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





General Specifications

| Specifications | C Cyl. | D Cyl. | E Cyl. | G Cyl. | 12 Pack |
|---|-------------------------------------|-----------|-------------|-------------|------------------------|
| Cylinder/Pack - L (101.325kPa @15°C) | 440 | 1,600 | 3,700 | 9,500 | 114,000 |
| Water capacity per cylinder - L | 2.9 | 10 | 23 | 50 | 600 |
| Cylinder Colour | White Body / Black & White Shoulder | | | | |
| Outlet Connection | Pin Index | | | | |
| Package Dimensions (H x W x D) - mm | 515 x 110 | 645 x 180 | 1,000 x 220 | 1,510 x 230 | 1,900 x 780 x 1,020 |

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



Quality Assurance

Supagas Pty Ltd is committed to comply with the requirements of ISO 9001-2015 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.

NATA Accreditation

The Supagas Laboratory located in Ingleburn, NSW has a NATA Accreditation (No. 18955).



Accredited for compliance with ISO/IEC 17025 and ISO Guide 34, Reference Gas Mixtures prepared to ISO 6142.

Typical Analysis

| Product Type | O ₂ | N ₂ | CO ₂ | CO | Moisture |
|---------------|----------------|----------------|-----------------|-------|----------|
| Medical Grade | 20.4 - 21.4% | Balance | <500ppm | <5ppm | <67ppm |

For Further Information

On how we can help you with all your gas and welding needs, drop in to your local Supagas branch or call Customer Service on 13 78 72.