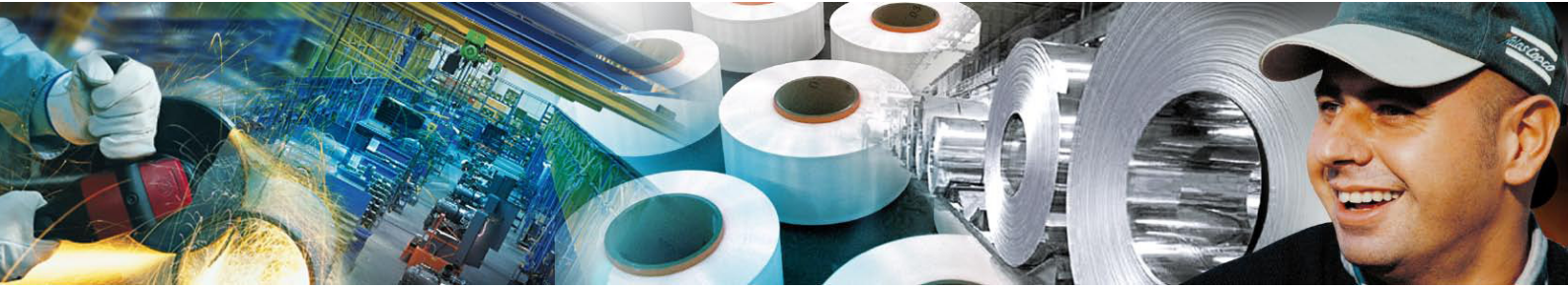


# Compressed Air Dryers Specialty Rental



## Desiccant and Refrigerant Types



Clean and dry compressed air: it is vital to power up your busy production environment. Containing moisture, aerosols and dirt particles, untreated compressed air poses a substantial risk as it can damage your air system and end product. Incorporating unique, patented technological innovations and extra energy-saving options, Atlas Copco's dryers provide you with the clean, dry air you are in need of to expand the life of your equipment and ensure the quality of your end product.

## CD Heatless Desiccant Type

2-1050 l/s, 4-2200 cfm

Dewpoint -40°C / -40°F and down to -70°C / -100°F

Atlas Copco CD adsorption dryers eliminate moisture before it can cause any damage. Even the possibility of freezing is non-existent. The CD dryers ensure a reliable process and impeccable end products by delivering absolutely dry air to your compressed air system, with a pressure dewpoint of -40°C / -40°F or even -70°C / -100°F.

### A WIDE RANGE OF APPLICATIONS

With the CD heatless adsorption dryer series Atlas Copco offers a comprehensive range of products to meet the most diverse application needs. Working in a highly demanding industry such as **oil & gas, electronics, food & beverages, pharmaceuticals...** you will benefit from the highest quality dry air.



## BD Heat Reactivated Desiccant Type

100-3000 l/s, 210-6300 cfm

Dewpoint -40°C / -40°F and down to -70°C / -100°F



Removing moisture from compressed air with a pressure dewpoint of down to -70°C, Atlas Copco's BD desiccant dryers eliminate system failures, production downtime and costly repair and service works.

During the reactivation phase the blower takes in ambient air and blows it to the internal heaters. The heated air is then sent through the saturated desiccant, forcing the adsorbed moisture out.

Internal heating, benefiting from the heater's radiation effect (according to model), ensures energy savings up to 15%.

# FD Refrigerant Type

5-4000 l/s, 13-8500 cfm

Dewpoint down to 3°C

Thanks to their pioneering technology, FD dryers ensure the lowest pressure drop and lowest energy consumption for the highest possible efficiency – saving you time and money throughout the production process.

## POWERFUL & RELIABLE

- Dry air even at extremely hot ambient conditions thanks to highly durable refrigerant circuit.
- Cutting-edge performance: a reliable expansion device, hot gas bypass, unique counter flow heat exchanger with air-to-air side and built-in efficient low velocity water separator on all models.



## MAXIMUM CONTAMINANT REMOVAL

### Filters

All Atlas Copco dryers are deployed with DD and PD coalescing filters designed to prevent contamination in the compressed air with minimal pressure drop.



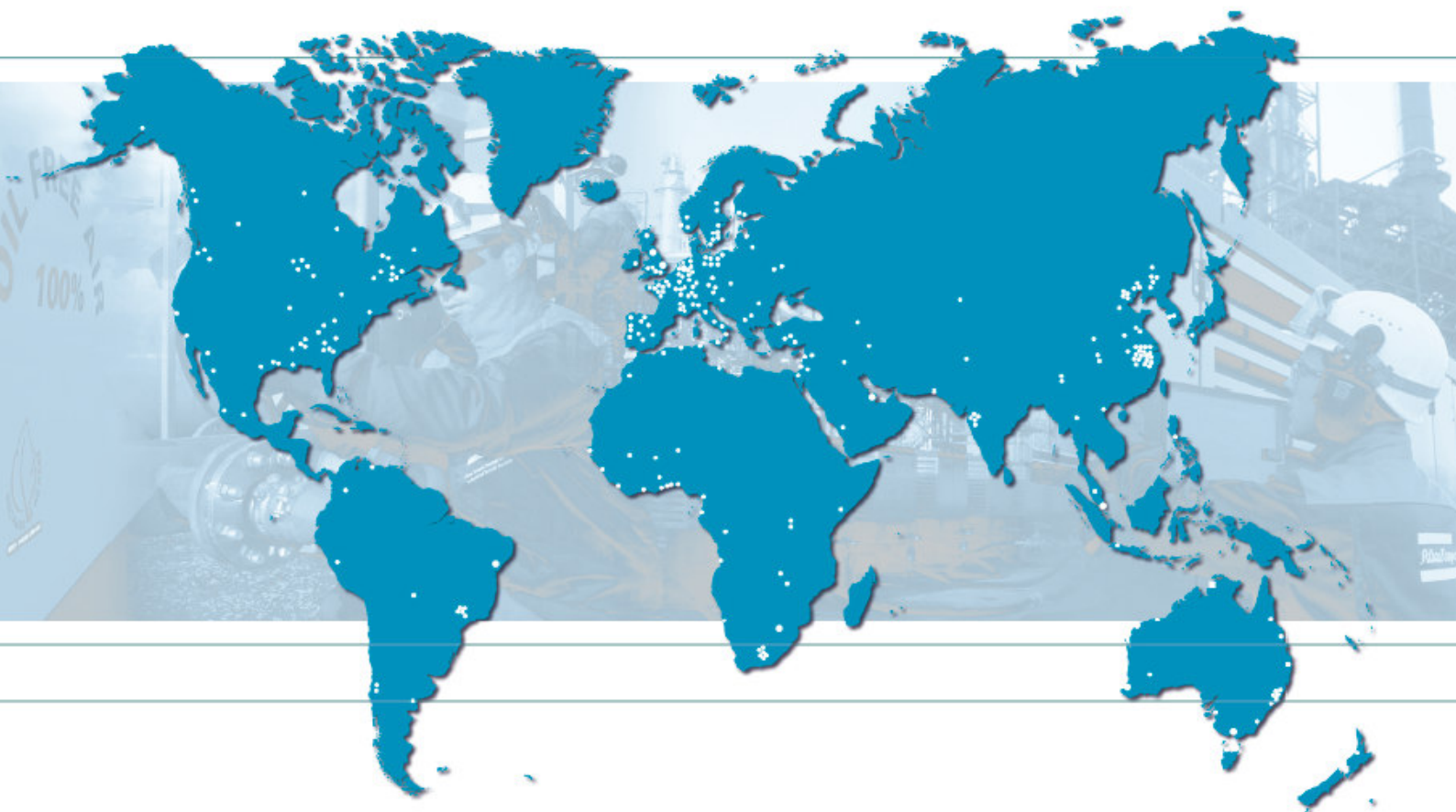
## WHY INVEST IN AIR QUALITY?

Compressed air is used in a wide variety of manufacturing and commercial operations. Without proper treatment, however, compressed air contains solid, liquid and gaseous contaminants which reduce the efficiency of your compressed air system, increase your operating expenses and jeopardize product quality. While superb quality air is an essential ingredient for the success of your plant, untreated air may cause extensive damage and lead to serious degradation of your equipment's performance.

## Compressed Air Contaminants

- Dust particles (from ambient air and/or desiccant)
- Liquid water and water vapor
- Liquid oil and oil vapor (coming from oil-injected compressors)
- Hydrocarbon vapor
- Rust particles
- Pipe scale
- Acidic condensates

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## Tough Standards

The Specialty Rental Division has been granted triple certification to ISO 9001:2000, ISO 14001:2004 and OHSAS 18001 for Quality, Environmental and Occupational Health & Safety Management by Lloyd's Register Quality Assurance (LRQA). This triple certification demonstrates our commitment to the quality of our services, our care for the environmental impact of our operations and the health of our employees and customers.



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