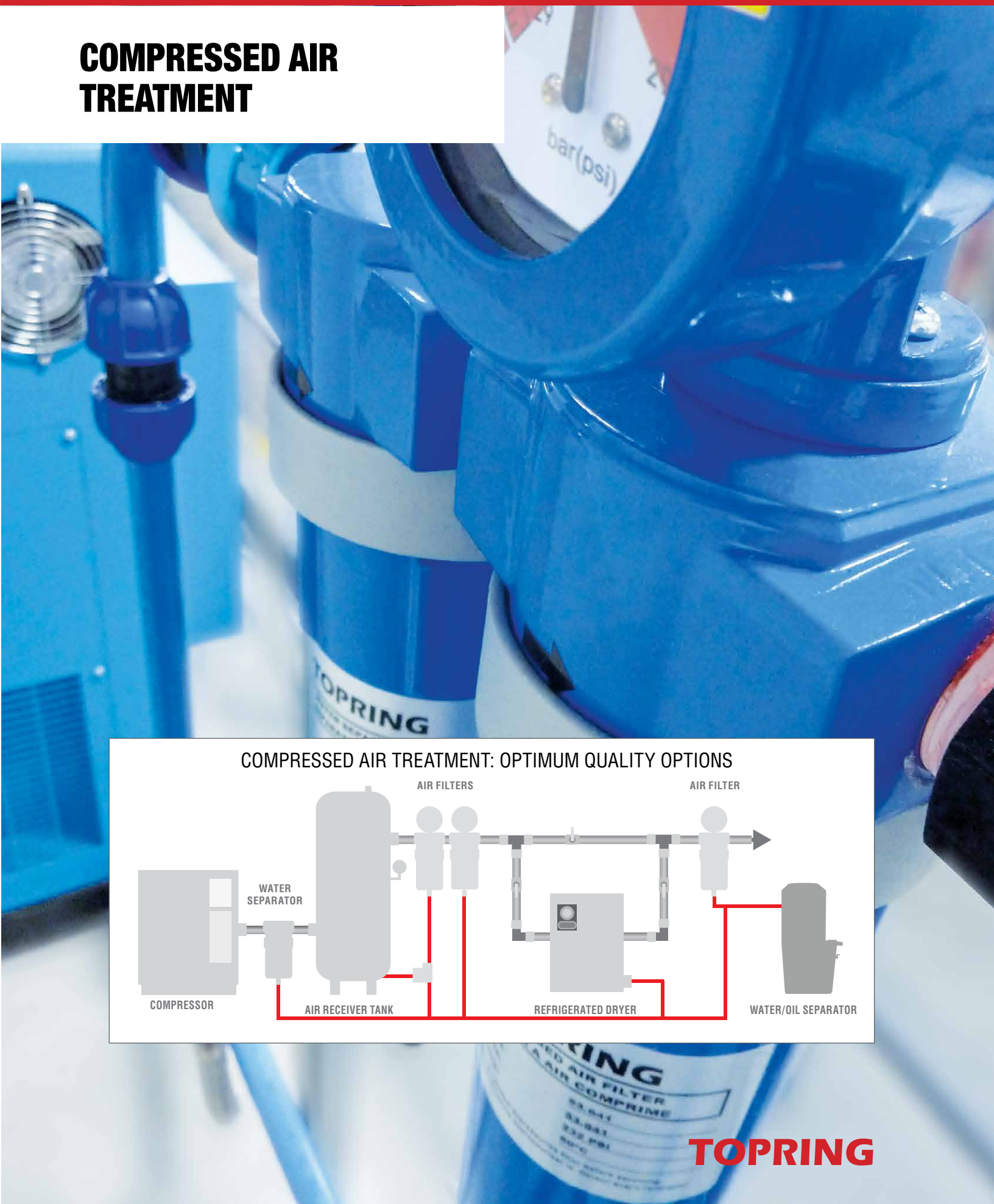
COMPRESSED AIR TREATMENT



COMPRESSED AIR TREATMENT: OPTIMUM QUALITY OPTIONS

TOPRING

COMPRESSED AIR TREATMENT: A NECESSITY

Compressed air contains millions of contaminated particles.
These particles can be harmful to any compressed air system, especially at high concentrations and at high speeds. With untreated ambiant air being the most widely used raw material used by compressors, compressed air often contains water vapor and different contaminants, althought measured in microns these can damage any compressed air system.

Proper filtration of a compressed air system allows the removal of particules, contaminants and water vapors. A necessary operation in order to ensure the elimination of downstream corrosion, reduce wear and tear and increase the service life of pneumatic tools as well as the entire network. Many compressed air systems and tools require high-quality air to ensure good performance and extend their service life.

Most of the contaminants introduced into the compressed air system come from the atmospheric air sucked into the network.
The most common contaminant is water which accounts for 99.9% of the total liquid contaminants found in a compressed air system. A proper filtration system eliminates contaminants including particules, oil, water aerosols).This is a key element for an efficient operation. Regardless of the type of compressor installed, the same level of filtration is required.



10 major contaminants found in a compressed air system



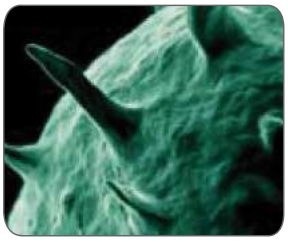
Atmospheric dirts
Rust
Pipe scale



Water vapors
Condensed water
Water aerosols



Liquid oils
Oil aerosols
Oil vapors



Micro-organisms

Most of the contaminants introduced into the compressed air system come from the atmospheric air sucked into the network.
The most common contaminant is water which accounts for 99.9% of the total liquid contaminants found in a compressed air system.

A proper filtration system eliminates contaminants including particules, oil, water aerosols). This is a key element for an efficient operation.
Regardless of the type of compressor installed, the same level of filtration is required.

Clean and dry compressed air!

Compressed air is a power source that is widely used throughout industry.

However, compressed air contains water, dirt, wear particles and degraded lubricating oil, which all mix together to form an unwanted condensate.

This condensate rapidly wears tools and pneumatic machinery, blocks valves and orifices and also corrodes piping.

This results in high maintenance costs and product spoilage which can bring the production process to an extremely expensive standstill.









TOPRING offers an extensive range of condensate management solutions:





- **S49** ● Refrigerant Air Dryers
- **S53** ● Compressed Air Filters
- **S54** ● Desiccant Air Dryers
- **S56** ● Water Separators
- **S57** ● Water/Oil Separators
- **S59** ● Condensate Drains