



Inline Filter Elements: Replacement and Exchange Program

Technical Information Bulletin - #4

This technical bulletin is designed to provide more information about the best practice compressed air system recommendations made during your recent service.

Best practice inline filter replacement schedule

The lifespan of your compressor's inline filter elements depends on its operation and maintenance, however the air intake filter should be replaced every 8,000 hours or once a year, whichever comes first.

In environments with high dust or contaminant levels, more frequent replacements may be needed. Following this schedule helps maintain compressor performance and ensures your compressed air meets required quality standards.

It is important to note that while hours and time provide good indicators for inspection and replacement, testing is the only way to be certain your inline filters are working correctly in critical applications.

Differential pressure testing, often done via a simple gauge fitted to the filter housing, allows you to determine if a filter change is necessary due to obstruction.

Breathing air testing provides complete peace of mind, confirming that the air is clean and fit for purpose.



Why inline filters require regular replacement

Over time, inline filters accumulate contaminants, leading to reduced airflow and increased pressure drop across the system. This puts a strain on your compressor and affects the quality of your air.

Failure to replace inline filters as recommended can result in:

- Increased energy consumption: Clogged filters force compressors to work harder, consuming more energy.
- Equipment damage: Contaminants bypassing the filter can cause wear and tear on pneumatic components and equipment.
- Operational downtime: Unscheduled maintenance or equipment failure due to clogged filters can disrupt your production or operations.

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Benefits of routine inline filter replacement

Regular replacement of your compressor's inline filters offers several advantages:

- Enhanced system efficiency: Ensures optimal airflow and pressure levels.
- Cost savings: Helps prevent expensive repairs by protecting your equipment.
- Compliance: Meets industry standards for air quality and safety.

Filter exchange program

Most inline compressed air filter elements are uniquely designed, meaning they can only be replaced with the original manufacturer's element. While these original parts can be costly, improved designs now offer reliable, affordable alternatives.

With this in mind, Nessco Pressure Systems has developed a filter exchange program where the complete filter housing is exchanged. The process involves replacing outdated filters with Infinity Pipe Systems' efficient and cost-effective filtration products.

Infinity Pipe Systems inline filters offer exceptional quality and value, ensuring reliable operation and supporting both system efficiency and reduced maintenance costs.

As an official stockist, we maintain a full range of Infinity Pipe Systems filters in our Welshpool warehouse – eliminating ordering and shipping delays so your replacements are always on hand when needed.

Protect your equipment with routine filter maintenance

Regularly changing inline filters is essential for keeping your compressed air system running smoothly and efficiently.

By following the recommended replacement schedule and using our filter exchange program, your business can avoid downtime and extend the life of your compressed air and pneumatic equipment.

For more information about our filter exchange program or to schedule your compressor service, call our service team on 1300 290 638, email info@nesscopressure.com.au or use the booking button below.

