



Accessories: Dryers, Separators, Receivers, Drains

Technical Information Bulletin - #1

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

Best practice accessory maintenance and replacement schedule

The lifespan of your compressor's accessories depend on their operation and maintenance. These accessories are important for the efficient and effective operation of your compressed air system. They help maintain the pressure and keep your compressed air dry and clean, so a regular service and maintenance schedule is vital.

Benefits of replacing your compressor's accessories on schedule

Your compressor's separator, dryer and drains work together to control or eliminate moisture and oil in your system. Servicing and replacing these accessories as recommended ensures clean, dry air for your operations. When it comes to your air receiver, replacing it with a new one (if recommended) helps ensure you have a reliable supply of stored compressed air to power your systems or equipment.

Looking after these components, including replacing them according to best practice recommendations, will significantly reduce damage to your compressor.

Risks of not replacing your accessories on schedule

Some of the major risks of not replacing your compressor's accessories as recommended include: moisture build up in the system; condensate and rust problems; equipment contamination; and reduced efficiency and capacity.



Why have replacement accessories been recommended?

Your compressor's accessories have been recommended for replacement because they either:

- exceed the best practice operating hours recommended by your compressor manufacturer, or
- show specific signs of wear-and-tear or compromised operations.

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How can you prolong the life of your compressor's accessories?

There are a number of ways to prolong the life of your compressor's accessories:

- Regular servicing, cleaning, and inspection
- Monitoring and addressing moisture, contaminate, rust or pressure issues
- Replacing worn parts
- Following your manufacturer's maintenance schedule.

Your NPS service technician has the experience and technical knowledge to help maximise the life of your compressed air system.

More information

Our service team is always happy to provide more information or to talk through our best practice recommendations for your compressor.

Call us on [1300 290 638](tel:1300290638) or email info@nesscopressure.com.au for more information.

About your compressor's accessories

Air receivers or pressure vessels/tanks are used to store compressed air before it enters the piping system and or equipment. They also provide storage for compressed air to assist with peak demands in your compressed air system. Air receivers help control and stabilise system pressure.

The automatic drain valve removes mixtures of compressor lubricants and water from the compressed air system, helping eliminate the need to manually extract liquid from the air compressor.

Most of this moisture and water can be drained, but an air dryer helps keep your compressed air system free of moisture, preventing condensate and rust problems.

The oil-water separator separates water and oil within the condensate, allowing the oil to be disposed of properly.

