



# Compressor and Dryer Location Guidelines

## Technical Information Bulletin - #7

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

### Best practice compressor and dryer location

Your compressor and dryer should be installed in an area that is:

- Clean
- Dry
- Free from dust
- Well-ventilated with good air circulation
- Not too hot
- Away from a direct heat source
- Accessible for servicing and maintenance

It's also important to consider the proximity to employees for noise and vibrations.

### Benefits of having your compressor in the correct location

Installing your compressor in the correct location will save you time and money. You'll reduce breakdown, servicing and repair costs and extend the life of your compressed air system.

### Risks of not changing your compressor location

An incorrect compressor location can lead to significant operational issues, which impacts the performance of your system. Lack of natural or alternate ventilation leads to recirculation of hot air around your compressor, making it work much harder to maintain optimal temperatures and putting pressure on your cooling systems. Exposure to dust, sand, heat, or moisture causes premature and costly damage to your compressor's valves, filters and motor.



### Why has a new compressor location been recommended?

A new location has been recommended for your compressor or dryer because your system shows specific signs of failure or compromised operations related to its current location. This is most likely due to exposure to recirculating hot air, heat, dust, sand, moisture, or the natural elements.

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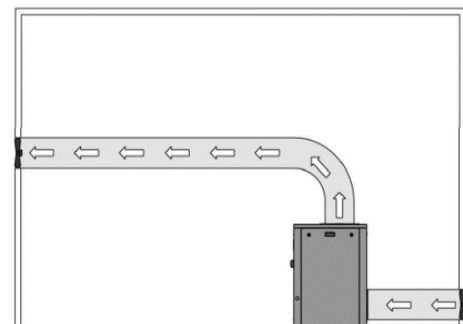
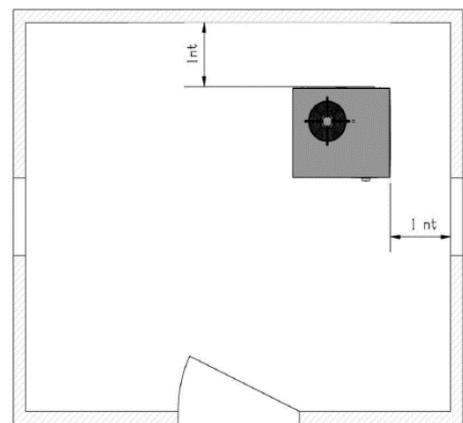
### How can a change in your compressor's location or surroundings prolong its lifespan?

Installing your compressor in line with manufacturer recommendations is important, both for maintaining your system's warranty and for saving you from unnecessary repair costs and downtime.

Your compressor should be installed one metre away from walls or other equipment to allow space for safe and effective operation and maintenance (see diagram to right).

As well as allowing enough space, you must also consider:

- Ventilation - Does the size and layout of the area allow air to circulate around the compressor?
- Temperature - If the hot air exhaust is inadequate, install exhaust fans at the highest position possible.
- Rain, moisture, or direct heat - Is the compressor protected from moisture sources or the elements?
- Exposure to dust, overspray or blasting sand - Is your compressor too close to other machines or processes which generate dust or damaging particles?
- Potentially explosive and/or flammable atmospheres or the risk of explosion and/or fire.



### More information

Our service team has the experience and technical knowledge to assess the location of your compressor and its surrounding environment.

They will provide solutions to make sure your machine is in the best location to help maximise its lifespan and minimise your ongoing service and repair costs.

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

