

Oil Free Compressor Breathing Air Systems

To comply with Australian Standards

These systems are recommended as they utilise an oil free, dedicated compressor to be used only for breathing air.

1. Oil Free Compressor and Basic Filter System.

Used where toxic gas risk is zero. Stand alone system.

This level of filtration removes bulk moisture and oil, particles down to 0.01 micron, oil vapour and odour.

System consists of; 1 x Oil Free compressor with aftercooler
1 x 1 micron coalescing pre-filter
1 x 0.01 micron coalescing filter
1 x Activated carbon filter

2. Oil Free Compressor and Filter/Desiccant Dryer System.

Used where toxic gas risk is low and moisture is preferred to be extremely low. Stand alone system.

This level of filtration removes bulk moisture and oil, particles down to 0.01 micron, oil vapour, odour, water vapour to -40°C or -70°C and carbon dioxide.

System consists of; 1 x Oil Free compressor with aftercooler
1 x 1 micron coalescing pre-filter
1 x 0.01 micron coalescing filter
1 x Activated carbon filter
1 x Twin tower desiccant dryer
1 x 1 micron Dust filter
1 x Carbon monoxide alarm

3. Oil Free Compressor and Filter/Desiccant Dryer and CO Catalyst System.

Used where toxic gas risk is high, near vehicular traffic or process plants, and moisture is preferred to be extremely low. Stand alone system.

This level of filtration removes bulk moisture and oil, particles down to 0.01 micron, oil vapour, odour, water vapour to -40°C or -70°C, carbon dioxide and carbon monoxide.

System consists of; 1 x Oil Free compressor with aftercooler
1 x 1 micron coalescing pre-filter
1 x 0.01 micron coalescing filter
1 x Activated carbon filter
1 x Twin tower desiccant dryer
1 x CO Catalyst filter
1 x 1 micron Dust filter
1 x Carbon monoxide alarm

