



// ONE BRAND // ONE SOURCE // ONE SYSTEM

## Water in your airlines? How EXPEL solves problems with water in Paint and Bodyshop compressed air lines.

Compressed air is widely used throughout all Paint and Bodyshops. Temperature change across the shops often means that significant volumes of water are seen in the compressed air system and airlines.

As this water enters the machines, tools and paint spraying equipment, it will lead to poor performance, equipment failure, downtime and unnecessary costs.

Some key examples of challenges faced with water in compressed airlines are noted below:

- Water in **spraying lines** can mix with the paint and cause unsatisfactory finishing. It will quickly cause 'Orange-Peel' or 'Fish-Eye' and will lead to reworking, or complete recoating of the panel.
- Water in **body preparation equipment** such as sanders, grinders and polishers can create significant problems. Water can cause equipment failure by washing out lubricants, resulting in internal corrosion.
- Water in equipment can freeze in the colder weather. Freezing water expands, and it is very common that **hand tools** will crack as a result of this, causing irreparable damage.
- Compressed air is used to generate breathing air for spray booths. Although the air quality outputted from EXPEL is liquid free, it is **NOT** immediately suitable for breathing. However, EXPEL will significantly improve the operational efficiency, and extend the life of the necessary fine particle and carbon filters by removing **ALL** water and particles down to 1 micron from the airline before them.

Installing an EXPEL filter at point of use protects equipment and stops issues like those above from arising. Correctly positioned, an EXPEL will guarantee that ALL liquid water, oil emulsion fluids, along with ALL solid contaminants down to 1 micron are removed from the compressed air. This prevents operational downtime and will eliminate any maintenance and repair costs as a result of water in your air system.

The EXPEL is a completely unique product that combines the roles of both a water separator and a particle filter into one **cleanable, reusable** unit. This means that one EXPEL can actually replace up to three conventional style filters.

