



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



## EXPEL 30 - Features and Benefits

FEATURES	ADVANTAGES	BENEFITS
Removes 99.999% of solid particulates to 1 micron	Achieves clean air by removing a significant percentage of solid particulates from the air.	Protects equipment from a build up of solid contaminants that can cause blockages and damages.
Low pressure drop across unit	Reduction in energy usage and more efficient compressed air usage	Reduction in energy costs due to the compressor not having to work so hard to maintain system pressure.
Removes 99.999% of all liquid water	Achieves liquid free, dry air	Protects tools and equipment from water ingress, corrosion and expensive maintenance and repair costs as a result of this.
Combined removal of liquids and particulate contaminants from one filter.	Can replace up to 3 traditional compressed air filters with one unit	Initial purchase costs and lifetime operation costs reduced
Internal filter can be removed, cleaned and refitted	No replacement filter elements required, and reduced wastage.	Significant cost savings that are commonly associated with replacement filter elements and labour.
Manufactured from Stainless Steel 304	Highly robust, durable and corrosion resistant material.	Suitable for a number of specialist applications, within industries such as medical, food and beverage, offshore oil and gas etc.
Easy to dismantle	Allows routine maintenance and cleaning to be undertaken with ease, within minimal downtime or disruption	Saves time associated with regular maintenance where required and allows for ease of removing any blockages that may occur from debris within the air system. The element does not require replacment
No direct power source required	Allows installation where electrical power sources are unavailable.	No electrical energy costs associated with the operation of the unit
Pressure indicator fitted as standard	Provides a clear visual indication when the unit is under pressure	Acts as a warning not to open the pressurised vessel for health and safety benefits. Unit cannot be opened when more than 0.5 bar pressure is applied.
Quick locking coupling between head and body	Ease of opening / closing, and locks unit when under a minimum 0.5bar pressure	Prevents the unit from being opened when under pressure
Designed and Tested to ISO12500 Standard	Latest ISO standard, specifically for Compressed air filtration, as opposed to ISO8753 which is developed to assed the air quality of a complete system.	Meets stringent testing standards for the quality and performance of compressed air filters