



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



REMOVES 99.9999% of liquid water, oil emulsion fluids and solid particulates down to 1 micron.

Cleanable and reusable filter means ***no filter elements to replace, ever.***

EXPEL 30 FILTER & AUTO DRAIN SET
Compressed Air Filter - Removes water,
oil emulsion fluids and solid particulates





Part Number:
EXPEL AUTODRAIN

EXPEL 30 FILTER & AUTO DRAIN SET

Part Number	Description	Qty.
EXPEL 30	Air Filtration Set - Filter & Auto Drain	1

APPLICATIONS

Solenoid valves failing	EXPEL removes all liquid water, oil emulsion fluids and solid particulates to 1 micron which protects solenoid from liquid water and build-up of solid contaminants.
Damaged Namur valves will not energize	EXPEL removes liquids and particulate contaminants in one filter, therefore replacing up to three traditional filters with one unit ensuring the butterfly valves are protected.
Frozen water causes damage	EXPEL removes all liquid water, ensuring there will not be enough water in the air lines to freeze and cause damage. Additionally, EXPEL has been manufactured from Stainless Steel making the filter itself highly robust and corrosion resistant.
Pneumatic vibrators clog due to moist air	EXPEL protects this from happening as the liquid water is removed prior to the air coming into contact with the vibrators and ensuring silos don't get clogged. This eliminates a huge cost of having to replace silos.
Oil, dust and dirt create a damaging grinding mix	EXPEL removes 99.9999% of liquid water, oil emulsion fluids and solid particulates to 1 micron. Installing EXPEL reduces both your wastage and costs whilst protecting your equipment to a superior standard.

EXPEL 30 - PRODUCT OVERVIEW

- 30 cfm max rated flow rate
- 15 bar(g) - 217 psi(g) maximum pressure
- 2 year manufacturer's warranty
- ½" & ¾" bspt / npt inlet / outlet connections
- Removes 99.9999% of liquid water, oil emulsion fluids and solid particulates down to 1 micron
- Grade 304 stainless steel body and head
- Pressure indicator as standard
- Optional pressure gauge.
- ½" bspt / npt male drain port

FEATURES

- Tested in accordance of ISO 12500
- Worlds first cleanable, reusable compressed air filter
- Max. 0.1 pressure bar drop
- No power source required
- Significantly increases the life cycle of pneumatic tools and equipment
- Easy to install and maintain
- Instantaneous recovery from pulsed flows or start/stop flows
- All spare parts available
- Fully dismantlable
- No decrease in performance over lifetime of well maintained filter

EXPEL 30 AUTO FLOAT DRAIN - PRODUCT OVERVIEW

- Designed to discharge liquids and particulates extracted from your compressed air system Screwed directly to the base of the EXPEL
- Best suited for environments where high levels of condensate are frequently experienced.
- A 6mm diameter plastic tube can be connected to the base of the drain to control the flow of the discharged fluid into a suitable container for disposal.

FEATURES

- No power source required
- Automatic condensate drain
- Clear bowl enables visibility of drain operation
- Unit can be easily dismantled for servicing and cleaning if required
- Operating pressures up to 232 psi
- Is easily attached to your EXPEL units drain port
- ½" BSPT Female Thread Inlet connection
- Manual override for immediate condensate discharge

EXPEL 30 - AUTOMATIC FLOAT DRAIN: TECHNICAL DATA

Part Number	Inlet Thread	Outlet	Min. Working Pressure	Max. Working Pressure	Min. Working Temp.	Max. Working Temp.	Initial Discharge Value	Maximum discharge Capacity
EXPEL AUTODRAIN	½" Female BSPT	6mm Diameter	21.7 PSI	232 PSI	35° F	185° F	0.75 fl. oz.	84 L/H