



## EXPEL INSTALLATION MANUAL

Before getting started you will need the following:

- Auto-drain
- Screwdriver
- PTFE tape
- Pneumatic fittings
- Spanner
- Pneumatic tubing
- Drill and drill bits
- Pneumatic pipe cutter



1. Carefully unpack the unit to ensure that all parts are present.
2. The Expel filter should always be installed vertically and **NOT** horizontally or at an angle.
3. The Expel unit comes with a **pressure indicator** which is located at the top of the head of the filter which indicates a red flag when the unit is under pressure. Before installing make sure the indicator is not flagged (red).
4. Before installation ensure that the bowl is properly locked into the head by pulling the head and the bowl away from each other, it may make a slight shift but should not pull apart.
5. Push the bowl and the head of the filter towards each other and twist the bowl **clockwise to lock** and **anticlockwise to open**.
6. Make sure the supplied air pressure does not exceed the filter pressure rating.
7. Ensure the compressed air flow rate does not exceed the flow capacity of the filter.
8. Connect the **pneumatic fittings** to the inlet and outlet ports of the filter (these are not supplied and must be purchased for the specific use).
9. **Ensure that the filter is installed with the arrows engraved on top of the head pointing in the correct AIR FLOW direction, it will show airflow direction for the inlet and outlet port.**
10. Finally, the outlet port at the bottom of the filter cannot be left in a continuously open position, we therefore recommend our range of auto drains for effective discharge of moisture and debris. **Please note that some Expel filters do not come with an auto drain if this is the case, then you will need to purchase one separately.** To install the auto-drain onto the bottom of the Expel simply use the **fittings** (provided with the auto drain) along with **PTFE tape** then screw the drain into position manually

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