

Expel 100 Technical Datasheet

The Expel 100 is our latest advancement in our industry-leading filtration technology. Designed for **flow rates up to 100 cfm**, it ensures that even larger compressed air systems can benefit from Expel's industry-leading performance with **zero consumables** and **no drop in efficiency**.

Technical Specifications

Flow Rate for a 7 bar(g) System	17-170 m ³ /hr 10-100 cfm 283-2832 litres/min
Operating Pressure	1-15 bar(g) 15-217 psi(g)
Operating Temperature	0 to + 80 ⁰ C 32-176 ⁰ F
Maximum Recommended Inlet Temperature	35 ⁰ C 95 ⁰ F
Liquid Water Removal	Yes
Oil Emulsion Removal	Yes
Particulate Removal	1 micron
Inlet/Outlet Connection	2" BSPP
Drain Connection	1/2" (m) BSPT
Weight (Out of Box)	6.97 kg
Product Dimensions	456 x 109 mm
Material (Housing)	Stainless steel 316
Material (Internal)	ABS

Part Number: 6000-020

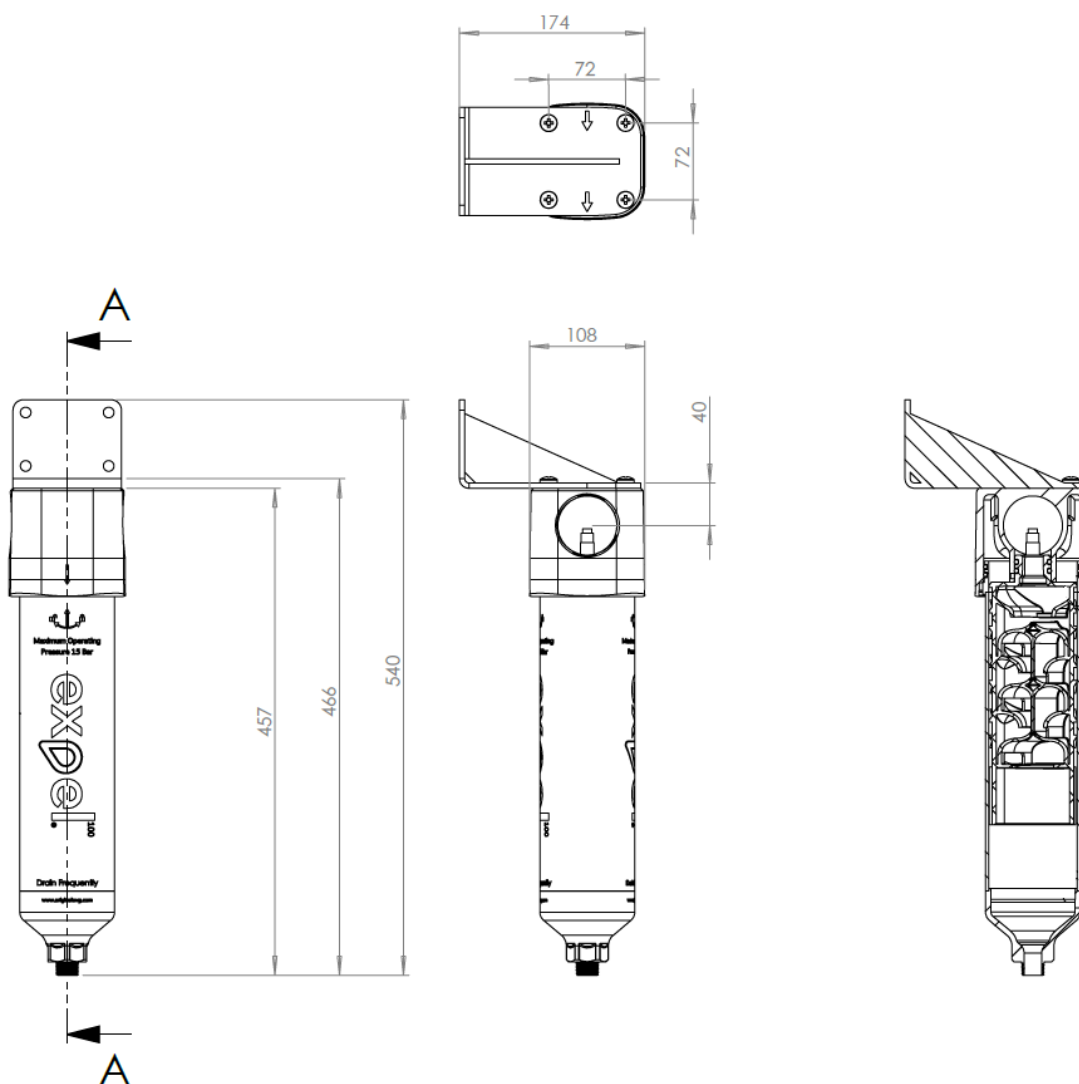
Product Overview

- Removes 99.999% of liquid water, oil emulsion fluids, and solid particulates to 1 micron.
- 10-year guarantee.
- Stops downtime and part replacement costs caused by compressed air contamination.
- Designed and tested in accordance with ISO 12500 standards.
- No replacement filter elements are required.
- Fit and forget.

Features

- Robust and built to last: Stainless steel 316 exterior.
- Easy to install and maintenance-free.
- Mount bracket and fixings included.
- Consistently high performance.
- Fully dismantlable.
- Energy-efficient design: No disposable filter elements to increase pressure drop.
- No decrease in performance over the lifetime of the unit.
- No moving parts to fail.

Technical Drawings and Dimensions



Disclaimer: The manufacturer reserves the right to modify technical specifications and product designs without prior notice. Specifications are subject to change at any time to ensure continuous improvement.