

Filter Separators

Expro's filter separators are designed to ensure safety, durability, and efficiency and meet the highest standards (ASME / NACE) in the pipeline industry. Our filter separator design allows for higher flow rates while keeping the foot print to a minimum.

Our filter separators are built by professionals with the most filtration knowledge in the industry (Champion Process). Equipped with safe and durable Sentry Closures, pressure relief valve, and the use of only CPI filter elements, Expro provides you with the best choice to meet your needs.

Our filter separators are 36" OD x 12' 0" S-S 1,480 psi. w.p. vessels, equipped with 12" ANSI 600 inlet and outlets, and use (9) 30" to 80' elements per vessel. If you need is for liquid or gas filtration, single unit or units placed in tandem and manifold together for continuous flow during element change outs, we have what you need.

If your need is to remove minimal liquids from gas prior to filtering your gas, or to remove minimal water from your liquid product prior to filtering your liquid product, our filter separators are designed to do just that. With pneumatic controllers, these unwanted liquids are evacuated from the filter barrel and dumped to your storage tanks.



Expro can provide you with any element micron size, element material design, and elements to meet all your product needs.

Flow-rate capacities (examples only – rates vary from product to product and operating pressures)

- Liquid / Liquid (water from LPG) = 1,800 GPM using 60" coalescers
- Liquid / Solid (LPG) = 7,200 GPM using 80" elements
- Gas / Liquid (Natural Gas) = 250 MMSCFD @ 800 psig w/ 60" coalescers
- Dry Gas (Natural Gas) = 275 MMSCFD @ 800 psig w/ 60" or 80" elements