



# Custom Product Solutions

Here at United Filtration we are always motivated to fulfill our customers' filter needs. Below are a handful of Custom Product Solutions that we provided clients. Many are slight modifications based upon existing products, while some are simple value-added assembly tasks to minimize a customer's work load. While still others are completely new products that fit a specific niche and fall within our natural expertise.

If you require a Custom Product Solution, regardless of quantity, please contact us at 1-800-311-5561 or [sales@unitedfiltration.com](mailto:sales@unitedfiltration.com).

## Carbon Assembly

- New Mold Cavity Produced Specifically for OEM
- Low Cost
- Turn Key Solution
- UFS Holds Your Inventory
- No Upfront Tooling Charges

We are proud to create specific, custom filter solutions for any challenge our partners face. We were asked to develop a low-cost carbon vent filter for hydrocarbon removal. Our design had to fit an existing footprint, provide cost savings, and maintain a just in time inventory position. We are more than a standard product line. How can we help you?



## Molded Elements

- Custom Polyethylene Filters
- New Mold Cavity Produced Specifically for OEM
- Low Cost
- Turn Key Solution
- No Upfront Tooling Charges

As your needs evolve so do our solutions. We are now producing sintered polyethylene elements for specific OEM specifications. Please provide your details so that we may partner a solution to your challenge. Pictured are two recent examples of polyethylene filters produced specifically for our OEM clients. Contact our Custom Product Solutions team with your details.



## Custom Float Drain

- Compact Float
- Built To Meet OEM Needs
- Shipped Off A Yearly Blanket
- Simple and Easy Solution Based From Standard Product

A major manufacturer of desiccant dryers approached us to supply an external aluminum float drain. The issue was that our standard drain has a ¼" MNPT top connection, the OEM requested 1/2MNPT. We produced what was needed, added hex flats to aid with installation, saved them monies based upon eliminating adaptor fittings and best of all we ship off a yearly blanket removing delivery issues that they experienced with another supplier.



## Vacuum Exhaust Filter

- Completely Disposable
- Low Cost Solution
- High Efficiency Vacuum Lab Filtration
- Built To Meet OEM Needs

A small OEM requested a disposable version of our aluminum 920E. The 920E has a replaceable filter element which customers would remove, but not replace. Our OEM client wanted to offer a low cost completely disposable unit which would entice customers to change the filter and replace with a new unit protecting the equipment. The solution was an economical PVC version of the 920E, with an encapsulated filter element, making it completely disposable. The 920PVC provided the desired results. If you require housings in specific materials we can help.



## DIF-BNSS

- Great for Liquid Filtration
- Many Micron Sizes Available
- Fast Delivery
- Purchase Low Quantities

We offer our standard DIF series with stainless steel screen elements providing more alternatives for air, gas and liquid applications. The SS screen filters round out our range for point of use Filtration. A wide variety of microns are available from inventory for quick delivery.



## Turn Key Piping

- Panel Mounted Filters
- Diverter Valves and Other Valve Set-Ups
- Simple Filter Pipe Work
- Save Time and Money by Getting a Turn-Key, Leak Tested Product

Need us to pipe filters together?  
Mount product on a panel?  
Assemble manifolds?

For example, we had a major refinery customer ask us to assemble a prefilter catch-pot, followed by a coalescing filter with a diverter valve. The diverter valve allows continuous flow to the instrument field while the technicians can quickly, simply, and safely change out the filter element, while still allowing air flow where needed. Let us see if we can provide turn-key set up for you.

United Filtration Systems offers **Diverter Valve** assemblies that can installed on any of our products to provide uninterrupted service when the filter cartridge needs to be changed. This can be done with a single non-filtered by-pass or we can provide a duplex system using 2 filter assemblies.



## Flanges

- Many Options
- Quick Delivery
- Cost Effective Connection Alternatives
- Built to Your Dimension Requirements

In addition to our standard NPT connections we offer a slew of flange option connections: slip- on, butt weld, raised face, threaded.

Simply give us your details so that we may provide a quick and comprehensive quote. Testing, and certification is available upon request.



## Mass-Vac Elements

- Meets Original OEM Specifications
- Cost Effective Alternative to the Original
- Durable Design

We occasionally are asked to produce alternatives to OEM filters. We will accept the challenge if we can improve the solution. Pictured are two OEM vacuum pump filters that we duplicated for a distributor. The issue was rising costs and long lead times. We were able to meet both requests and ensure the quality was equal to the original. Validating our products for customer satisfaction is integral to our success.

