

Monnier has become known as the air preparation manufacturer where “custom solutions become standard” because of its extensive expertise in developing application specific products for customers. The following provides just a few examples of the custom product solutions Monnier has developed:

Custom Black Anodized Filter Regulator



- Application: Natural gas scrubbers
- Requirement: A filter/regulator capable of flowing natural gas or compressed air in a corrosive environment.
- Solution: A custom black anodized filter/regulator with internals designed to withstand natural gas and its byproducts. The glass filled acetal bonnet offers convenient adjustment while minimizing the susceptibility to chemical attack. Custom designed for enhanced resistance and performance in corrosive environments.

Custom Green Anodized Four-Ported Particulate Filter



BEFORE



AFTER

- Application: Injection Molding Material Hopper
- Requirement: Filter designed to reduce excessive fittings, and labor requirements..
- Solution: Custom green anodized four-ported particulate filter that eliminates redundant components and improves aesthetics.

Custom Air Filter with Impulse Drain



- Application: After-market air ride suspension kits
- Requirement: Provide dry filtered air to promote efficiency in air ride suspension kits.
- Solution: Private labeled 204-3202-1DA2 air filter that reduces all moisture related failures by 87% according to extensive testing done by customers. The filter is also equipped with an impulse drain which eliminates the need for manual draining filters in tight spaces.



Regulator with Custom Manifold

- Application: Integrated manifold for cell door operation.
- Requirement: Regulator small enough to fit in limited space and maintain efficiency.
- Solution: 101-3100 M regulator with custom manifold, that eliminates multiple fittings, reduces assembly time, efficient performance with a small envelope size.



Clear Anodized Custom Regulator

- Application: Biomaterial Applicator
- Demands: Applying biomaterial in a sterile surgical environment to promote healing.
- Solution: Clear anodized custom regulator with custom mounting fits to fit in tight spaces, with a tamper resistant design, and corrosion resistant anodized aluminum.



Plunger Actuated Regulator

- Application: Food service
- Requirement: A regulator that provides regulated pressure in relation to the actuation of a lever.
- Solution: A plunger actuated regulator that increases secondary pressure as the plunger is depressed.



Railcar Filters

- Application: Transportation
- Requirement: High flow compressed air filters that can withstand the harsh conditions of railcar service.
- Solution: Custom filters based on the 201-5000 series of particulate filters. The all machined aluminum construction allows them to perform in even the most challenging environments. The depth filtration elements provide a long service life with minimal pressure drop.



Regulator/Valve Manifold

- Application: Instrumentation
- Requirement: Helium compatible regulator integrated into valve manifold.
- Solution: Custom cartridge style regulator designed with special “zero leak” internals assembled into custom manifold.



Bus/Truck Driver Seat Regulator

- Application: Transportation
- Demands: Accuracy, repeatability, compact size
- Solution: Custom regulator with lower profile bonnet, custom mounting connection, preset to +/- 2 PSIG of the set point.



CO2 Beverage Regulator

- Application: Food & Beverage
- Demands: Preset, accurate CO2 regulator to fit preexisting manifold.
- Solution: Miniature regulator with custom manifold mounting interface preset to OEM specifications.

WARRANTY: Monnier warrants each product against defects in material and workmanship for a period of one year from the date of manufacture providing its use was in accordance with Monnier recommendations. If the product fails to perform as warranted, Monnier will, at its option, repair or replace the product free of charge. The company will not be liable for incidental or consequential damages. We make no other warranty, expressed or implied, including warranties of merchantability or fitness for a particular purpose.