

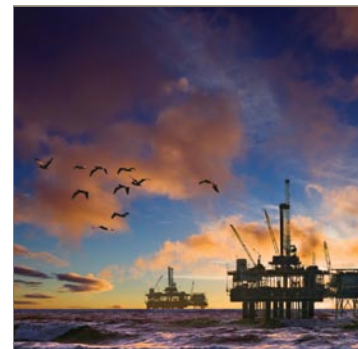


aerospace  
climate control  
electromechanical  
filtration  
fluid & gas handling  
hydraulics  
**pneumatics**  
process control  
sealing & shielding



# Stainless Steel Air Preparation Units

Filters, Regulators, Lubricators



ENGINEERING YOUR SUCCESS.

[www.comoso.com](http://www.comoso.com)

# Essential Air Preparation Solutions for Critical Markets

Parker's Stainless Steel Air Preparation components ensure maximum performance from your Pneumatic System. For applications ranging from caustic & corrosive to laboratory environments, Parker's 316 Stainless Steel Filters, Regulators, and Lubricators provide the performance you require.

Parker's Stainless Steel Air Preparation components serve numerous industries and applications including:

## Industrial

Pulp & Paper  
Food & Beverage  
Dairy  
Instrumentation  
Marine & Offshore  
Wastewater Treatment  
Laboratory Equipment  
Irrigation



## Petrochemical

Oil & Gas Rigs & Production  
Petrochemical  
Instrumentation  
Chemical & Petroleum Plants  
Pollution Control



## Life Sciences

Medical / Dental  
Laboratory Equipment



## Why customers choose Parker

### A history of product quality and reliability

Over 100 years of experience have produced long-term customer relationships based on the quality of our products and service.

### Easy Access to technical product support

Parker's Applications Support Team and network of Pneumatic Distributors provide easy access to accurate technical and applications support and are ready to answer your questions.

### Accurate on-time deliveries

Parker has a large network of distributors in North America and a 98+% on time (to customer request date) shipment history. We make sure your delivery requirements are met.

[www.parker.com/pneu/ssfrl](http://www.parker.com/pneu/ssfrl)

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# Stainless Steel Air Preparation Products – Miniature

## PF504 Particle Filter



- 1/4" ports
- 23 SCFM flow
- High efficiency water & particle removal
- 20 micron standard; 5 micron optional
- Fluorocarbon seals standard
- 1/8" female threaded drain
- Manual or automatic pulse drain available

## PF501 Coalescing Filter



- 1/4" ports
- 16 SCFM flow
- Removes oil & water aerosols down to 0.3 micron
- Fluorocarbon seals standard
- Manual or automatic pulse drain available

## PR354, PR364 Pressure Regulator



PR354



PR364

- 1/4" ports
- 12 SCFM flow
- Standard or stainless steel adjustment knob
- Large diaphragm to valve area ratio for precise regulation and high flow capacity
- Multiple reduced pressure ranges
- Relieving or non-relieving available
- Fluorocarbon seals standard



## PB548, PB558 Filter / Regulator



PB548



PB558

- 1/4" ports
- 12 SCFM flow
- Standard or stainless steel adjustment knob
- Large diaphragm to valve area ratio for precise regulation and high flow capacity
- Multiple reduced pressure ranges
- Relieving or non-relieving available
- 20 micron standard; 5 micron optional
- Fluorocarbon seals standard
- 1/8" female threaded drain
- Manual or automatic pulse drain available

## Accessories



# Stainless Steel Air Preparation Products – Standard

## PF10 Particle Filter



- 1/2" ports
- 70 SCFM flow
- High efficiency water & particle removal
- 40 micron standard; 5 micron optional
- Fluorocarbon seals standard
- 1/8" female threaded drain
- Manual or automatic float drain available

## PL10 Lubricator



- 1/2" ports
- 100 SCFM flow
- Fillable under pressure
- Fluorocarbon seals standard
- 1/8" female threaded drain

## PF11 Coalescing Filter



- 1/2" ports
- 45 SCFM flow
- Removes oil & water aerosols down to .01 micron
- Fluorocarbon seals standard
- 1/8" female threaded drain
- Manual or automatic float drain available

## PB11, PB12 Filter / Regulator



PB11



PB12

- 1/2" ports
- 72 SCFM flow
- Standard or stainless steel adjustment knob
- Large diaphragm to valve area ratio for precise regulation and high flow capacity
- Multiple reduced pressure ranges
- Relieving or non-relieving available
- 40 micron standard; 5 micron optional
- Fluorocarbon seals standard
- 1/8" female threaded drain
- Manual or automatic float drain available

## PR10, PR11 Pressure Regulator



PR10



PR11

- 1/2" ports
- 80 SCFM flow
- Multiple reduced pressure ranges
- Fluorocarbon seals standard
- Standard or stainless steel adjustment knob
- Large diaphragm to valve area ratio for precise regulation and high flow capacity
- Relieving or non-relieving available
- Low temperature version available

# New Product Features Tailored for your Applications

## All Stainless Steel Drains:

The Parker Stainless Steel FRLs now have the added feature of a pipe-away drain. The drains have a 1/8" NPT female tapping in the bottom to accommodate a 1/8" male threaded fitting, to ensure a positive seal for the drain connection. This feature is included for all sizes and models, including automatic drains.

## Stainless Automatic Float Drain for 1/2" Series:

The automatic float drain for the 1/2" series filters and filter/regulators has an all stainless threaded body for durability.



## Stainless Automatic Pulse Drain for 1/4" Series:

The semi-automatic pulse drain for the 1/4" filters and filter/regulators operates on a pressure differential and drains the bowl.



## NEW All Stainless Steel Adjustment Option:

Both the 1/4" and 1/2" series stainless steel regulators and filter/regulators now have an all metal pressure adjustment option available. Please see the updated catalog for details.



## Bowl Sight Gauges:

Sight gauges on bowls are available as an option on the 1/2" series filters, lubricators, and filter/regulators.



## NEW Low Temperature Option for Stainless Steel:

The 1/2" series stainless steel regulators and filter/regulators are now available with a low temperature option that allow the units to be used in environments down to -40°F (-40°C). Please see the updated catalog for details.

## NACE Compliant Stainless Steel Construction:

The 316 stainless steel metal components in these FRLs meet the NACE MR-01-75 and ISO 15156 standards for corrosion resistance.

## Fluorocarbon Elastomers:

All of the Stainless Steel FRLs come with fluorocarbon elastomers as standard, making them suitable for use in a large variety of applications.

# Other Related Products...



- Prep-Air II FRL
- Dial Regulators
- Precision Regulators
- P3HP / P3KN Electronic Proportional Regulators
- LV Lockout Valves
- Flow Controls & Accessories
- Fittings, Tubing & Hose

[www.parker.com/pneu/frls](http://www.parker.com/pneu/frls)



- Isys ISO Valves
- Isysnet Serial Interface
- EZ Inline Valves
- Viking Xtreme Valves
- Manual / Mechanical Valves
- Isys Micro Valves
- Moduflex Valves

[www.parker.com/pneu/valves](http://www.parker.com/pneu/valves)



- P1D ISO Air Cylinders
- 3MA / 4MA NFPA Air Cylinders
- SR Stainless Steel Air Cylinders
- P1M Low Profile Cylinders
- P5T Guided Cylinders
- PTR Rotary Actuators

[www.parker.com/pneu/actuators](http://www.parker.com/pneu/actuators)



- Vacuum Cups
- MPS Pressure Sensors
- Vacuum Generators

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