

## Pall Retrofit Coalescers and After Filters for SPX Flow/Pneumatic Products and Other Manufacturers

**Many industrial facilities use compressed air to power pneumatic operations. However, the compression and cooling process loads compressed air with liquid aerosols that can foul components, impacting production rate and forcing component replacement.**

In order to ensure that clean, dry compressed air gets to pneumatic components plants often use air dryers. These dryers use desiccant to pull moisture from compressed air. Typical life of desiccant is 3-5 years, with desiccant material replacement costing up to tens of thousands of dollars.

To maximize desiccant life, liquid/gas coalescers are typically installed upstream of the dryer to remove water and oil aerosols. In addition, After Filters are installed downstream of the dryer to capture particulates generated as the desiccant ages.

Pall Corporation, a leader in coalescing technologies, now offers replacement coalescers and After Filters for users of SPX Flow/Pneumatic Products and other coalescer manufacturers.

### Pall-Fit Replacement Coalescers

Featuring Pall's SepraSol™ Plus coalescer medium, our liquid/gas coalescers remove liquids and solids from high flow gas streams that contain high concentrations of liquids. Pall's SepraSol Plus liquid/gas coalescers receive our proprietary full element oleophobic/hydrophobic treatment. Chemically treating the coalescer lowers the surface energy of the media and promotes rapid drainage of the coalesced liquids. This significantly increases the amount of liquid per square foot of media the coalescer can handle, and optimizes liquids removal in the existing housing size. Added benefits of the chemical treatment include lower saturated pressure drop for reduced operating costs, and rapid recovery from liquid slugs to protect the desiccant from upstream upsets.

Separating aerosols before entering the dryer maximizes desiccant life and helps prevent damage to the dryer inlet valve. The result is reduced desiccant replacement costs and extended valve life for significant savings in material, labor and downtime costs.

### Feature

- SepraSol Plus media pack
- Proprietary Oleophobic/Hydrophobic element treatment
- High-effective filtration area
- High-efficiency media
- 304 Stainless steel hardware

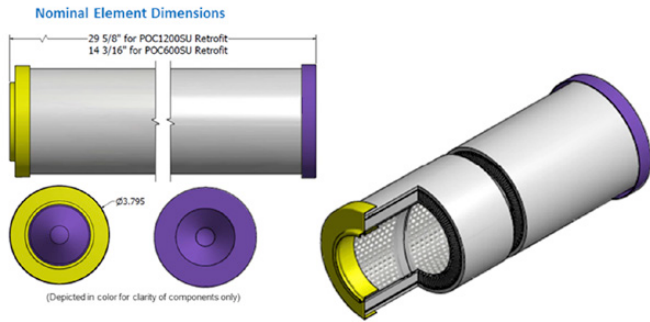
### Benefit

- High liquid removal per unit area
- Rapid liquid drainage
- Long element service life
- Low operating and maintenance costs
- Consistently high liquid removal efficiency
- Reduced liquid losses and availability
- Protection of downstream equipment
- Low maintenance costs
- Structural integrity in high water environments



### Specifications

- **Coalescer Medium:** SepraSol Plus fully treated glass fiber pleated medium
- **Surface Area:** up to 30 % greater surface area for long service life
- **Efficiency:** 99.999 % removal of 0.3 Micron Aerosols
- **End Caps, Core and Cage:** 304 Stainless Steel to prevent oxidation and maintain structural integrity
- **Flow Direction:** In to Out
- **O-Ring:** Viton

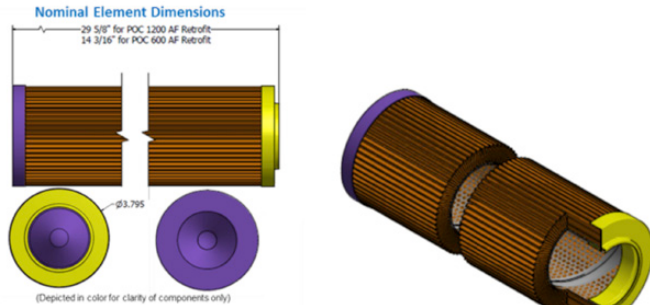


### Pall-Fit Replacement After Filters

Pall's high area After Filter cartridges have been designed specifically for use downstream of desiccant dryers. These long-life filters have up to 1.5X the area of other cartridges and have a 0.9 micron particle rating to capture abrasive dust particles coming off the dryer that can erode instruments, valve seats, air cylinders and pneumatic tools. Preventing particles from entering the stream means sustained equipment performance, longer component service life, and reduced maintenance and downtime costs.

### Specifications

- Rating: 0.9 Micron
- Flow Direction: Out to In
- End Caps, Core and Cage: 304 Stainless Steel
- O-Ring: Viton
- After Filter:
  - Medium: Pleated Cellulose
  - Maximum Temperature: 200 °F (93 °C)
- High Temp After Filter:
  - Medium: Pleated Glass Fiber
  - Maximum Temperature: 450 °F (232 °C)



## Ordering Information

Manufacturer	Part Number	Product	Pall Retrofit P/N
SPX/Pneumatics	POC1200SU	Coalescer	RLG013PG430S0003V
SPX/Pneumatics	PPC1200SU	Coalescer	RLG013PG430S0003V
SPX/Pneumatics	POC600SU	Coalescer	RLG013PG414S0003V
SPX/Pneumatics	POS060SU	Coalescer	PFS4463ZMH13
SPX/Pneumatics	POC1001SU	Coalescer	PFS1001ZMH13
SPX/Pneumatics	POS1001SU	Coalescer	PFS1001ZMH13
SPX/Pneumatics	POC1201SU	Coalescer	PFS1201ZMH13
Parker	6QP30-143X1	Coalescer	RLG013PG414S0003V
Parker	6QP30-295	Coalescer	RLG013PG430S0003V
Filtersoft	FP30295XE-CB1	Coalescer	RLG013PG430S0003V
SPX/Pneumatics	PCC600AF	After Filter	RPF013PE414S0009V
SPX/Pneumatics	PCC1200AF	After Filter	RPF013PE430S0009V
SPX/Pneumatics	PCC600HT	Hi Temp After Filter	RPF013GF414S0009
SPX/Pneumatics	PCC1200HT	Hi Temp After Filter	RPF013GF430S0009
SPX/Pneumatics	PCC1001AF	After Filter	MCS1001ECH13
SPX/Pneumatics	PCS1001AF	After Filter	MCS1001ECH13
SPX/Pneumatics	PCC4463AF	After Filter	MCS4463ECH13
SPX/Pneumatics	PCC060AF	After Filter	MCS4463ECH13
Parker	3PP30-295X1	After Filter	RPF013PE430S0009V
Parker	3PP30-143X1	After Filter	RPF013PE414S0009V
		Connector to stack 2 MCS1001 elements	T11093030

### Summary

Pall's new retrofit products allow users of other manufacturers' elements to benefit from Pall technology without the need to replace the existing housing/vessel. Pall retrofit products are direct replacements for existing elements, offering the performance and value you have come to expect from Pall.

### Advantages of Pall Technology

Pall's filter media and element designs bring together industry leading technologies and advanced manufacturing processes to deliver excellent performance and value in each and every element.

### Global Presence – Local Support

Pall is a global company with offices in Asia-Pacific, Americas, Europe, and the Middle East. This global presence gives us the ability to provide local commercial or technical support whenever or wherever there is a customer need.



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