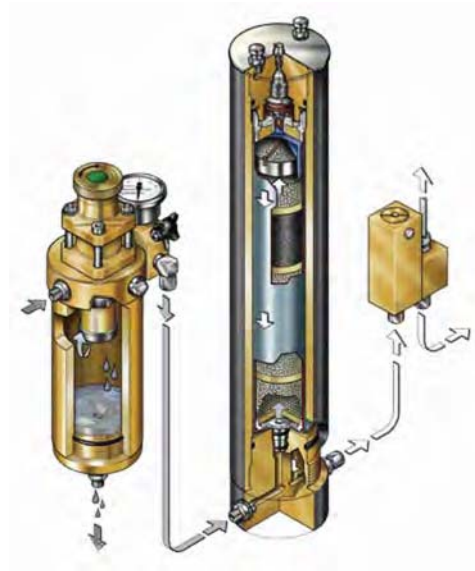


## P-FILTER SYSTEM

Perfect treatment of air, process air and gases

- › **Separation**  
Oil and water droplets
- › **Drying**  
-94 °F atmospheric dewpoint
- › **Purifying**  
Removal of oil vapor and hydrocarbons
- › **Conversion**  
Carbon monoxide to carbon dioxide
- › **Pressure**  
2000 to 7000 psig



**These systems work by the process of adsorption which is safe, effective, efficient and economical.**


P-FILTER systems use replaceable cartridge(s) that makes operation and maintenance clean, safe and simple. P-FILTER systems have no moving parts, do not require power or lose any of the compressed medium for purging. All filter cartridges exceed the limit values of DIN EN 12021, the European Pharmacopeia and DIN EN 8573-1 for industrial air and gases.

## P-FILTER System

 <p>› <b>TRIPLEX P21 = 1</b> 4000 cf</p>	 <p>› <b>SUPER TRIPLEX P31 = 1</b> 16,000 cf</p>	 <p>› <b>P41 = 1</b> 48,000 cf › <b>P42 = 2</b> 112,000 cf › <b>P43 = 3</b> 176,000 cf</p>	 <p>› <b>P2 = 1</b> 79,000 cf › <b>P5 = 2</b> 186,000 cf › <b>P10 = 3</b> 287,000 cf</p>	 <p>› <b>P12 = 2</b> 555,000 cf › <b>P14 = 3</b> 858,000 cf</p>
<p>› JR II &amp; OCEANUS</p>	<p>› I100 to I12.14</p>	<p>› I100 to I18.x</p>	<p>› I100 to I220</p>	<p>› I230 to I28</p>
				

Processing capacity referenced to an ambient temperature of 68 °F and 4350 psig. Processing capacity is applicable to drying only and for P-Filter Systems equipped with Securus. All values are approximate. Temperature and pressure affect results. Actual results may vary. Photos are not to scale.

## Accessories

<p>› <b>B-TIMER</b></p>  <p>Purification and compressor maintenance monitor for Triplex through P41.</p>	<p>› <b>SECURUS</b></p>  <p>Moisture sensor is embedded in cartridge to ensure 100% utilization. Available for P41-P14.</p>	<p>› <b>AIR KOOL</b></p>  <p>Refrigerated dryer extends cartridge life up to 6 times. For compressor models I100 through I18.x.</p>
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## Technical Data

Oil and aerosols	< 0.1 mg/m <sup>3</sup> (DIN EN 12021 max. 0.5 mg/m <sup>3</sup> )
Carbon monoxide	< 5 ppm (V/V) (DIN EN 12021 max. 15 ppm (V/V))
Water vapor	< 10 mg/m <sup>3</sup> (DIN EN 12021 max. 25 mg/m <sup>3</sup> )
Odor and taste	taste and odorless
Sulfur dioxide	< 0.5 ppm (V/V)
Nitrogen monoxide/dioxide	< 1 ppm (V/V)

- › Molecular sieve is used for drying.
- › Activated carbon is used for hydrocarbon removal.
- › A catalyst is used to convert carbon monoxide to carbon dioxide.
- ››› See our Seccant flyer for regenerative dryers.



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