Compressed Air and Gas Filtration Products

Finite®
**Finite® Large Capacity**

**ASME Vessels**

Finite Filter’s large capacity ASME filter vessels have been designed specifically for our coalescing elements and incorporate large sump capacities and generous exit cavities for maximum performance with low differential pressures.

All units are “U” stamped and conform to ASME Section VIII standard code for pressure vessels. With flow capacities to 37,000 SCFM and optional materials of construction, most compressor source filtration requirements can be met.

**Specifications:**

**Porting to:** 16” Flange  
**Flows to:** 37,000 SCFM (63,000 m³/hr)  
**Design:** ASME Code/CRN (Canadian Registration)

**Available Options:**  
- High Temperature  
- High Pressure  
- All Stainless Construction

**Typical Applications**

**Coalescing (Oil Removal)**
- Compressed air system protection
- Dryer protection
- Paint spray booths
- Microelectronics prefiltration

**Interceptor (Particulate Removal)**
- Natural gas systems
- Desiccant dryer afterfilter
- Prefilter for coalescer
- Systems with high particulate concentration
- Particulate protection for non-lubricated systems

**Adsorber (Vapor Removal)**
- Odor removal
- Food packaging
- Powder paint systems
**BA-Series**

*Dual-Stage Compressed Air Filters*

- Coalescer/Adsorber Combination Unit
- Flows 75 SCFM (128 m³/hr)
- Pressures to 500 PSIG (34 bar)

*Bulletin 1300 - 905/USA*
Micro-Series
Air/Gas Microfiltration Products

Membrane Elements and Housing Assemblies For:

- Semiconductor/Microelectronics
- Medical/Pharmaceutical
- Food and Beverage

Bulletin 1300 - 450/USA
Finite’s Air and Gas Microfiltration Products - Micro-Series

Finite Filter’s Micro-Series filters are designed to provide absolute rated membrane filtration for the semiconductor, pharmaceutical, and food and beverage markets. Our pleated membrane media offers absolute removal ratings for contaminants as small as 0.01 µm while providing lower differential pressures than competitive membrane products.

Finite’s pleated PTFE media has the lowest pressure drop at rated flow and the highest efficiency in the filtration industry. These important factors provide substantial savings for our customers.

All filter housings are constructed of 316L stainless steel and have a Maximum pressure rating of 150 PSIG/10 bar. Connection sizes range from 1” NPT to 6” flange.
Instrumentation and Gas Sampling Filters

- Stainless steel, aluminum & plastic housings
- Clear bowls available
- Connections from 1/8” to 2” NPT
- Pressures to 5000 PSIG

Bulletin 1300 - 694/USA
Steam plays a very important role in a variety of industries including food and beverage, hospital, and pharmaceutical. In order to ensure effective and continuous operation of many processes in these industries, it is often critical that high quality steam is used. A Finite Steam Filter can be used to produce high quality steam by removing both particulate and condensate prior to critical processes. Although each industry’s steam requirements may vary slightly, the solution is always the same… Finite® Steam Filters!

**Features**
- 98% efficient at 0.1 micron
- Removes rust and other particle contamination
- Removes Excessive condensate from steam
- Disposable filter elements

**Benefits**
- Easy to install
- Lower yearly maintenance costs than competitive filters
- No costly downtime associated with the cleaning and backflushing of filter elements - just replace element every 6 weeks

**Specifications**
- Connection Size: 1” NPT
- Max. Pressure: 125 PSIG
- Max. Temp: 353°F
- Max. Flow Rate: 400 lbs./hr. at 125 PSIG
- Overall Height: 36 inches
- Minimum 14” clearance for element removal
- Weight: 25 pounds

**Materials of Construction**
- 304 Stainless Steel
- EPR Seals (2)
- Microfibre®

**Part Numbers**
- Steam Filter: SFN4-SE13-145
- Replacement Element: SE13-145 x 8

Note: Steam Filter is sold with one spanner wrench and preinstalled element. Replacement elements are sold in Boxes of eight. Contact factory for other connection configurations.
High Pressure Filters
Compressed Air & Gas

- CNG and Alternative Fuel Filters
- Pressures to 6000 PSIG
- Ductile Iron, Stainless Steel & Aluminum Housings

Bulletin 1300 - 997/USA
Bulletin 1300 - 775/USA

Stainless Steel Air Preparation Units
Filters, Regulators and Lubricators

Finite®
Vacuum Pump Exhaust Filters

- Eliminate 99.9% oil mist and smoke from vacuum pump Exhaust
- Easily adapts to most vacuum pumps
- Flows to 200 CFM

Bulletin 1300 - 310/USA
Compressed Air & Gas Desiccant Dryers

For Point of Use and OEM Applications

Bulletin 1300 - 850/USA

Finite®
Compressed Air Hollow Fiber Membrane Dryers

Bulletin 1300 - 800/USA

Finite®
About Parker Hannifin Corporation

With annual sales exceeding $8 billion, Parker Hannifin is the world’s leading diversified manufacturer of motion and control technologies and systems, providing precision-engineered solutions for a wide variety of commercial, mobile, industrial and aerospace markets.

The company employs more than 50,000 people in 46 countries around the world. Parker has increased its annual dividends paid to shareholders for 49 consecutive years, among the top five longest-running dividend-increase records in the S&P 500 index.

For more information, visit the company’s web site at http://www.parker.com, or its investor information site at http://www.phstock.com.