



 **Where Ideas Meet Industry**

**Established:**

**1790**

**Common Applications:**

**Oil & Gas, Petrochemical, Water, Gas Processing, Gas Transmission, Refining, LNG, Power Generation, Offshore, Protection Systems**



- Complete range of liquid and gas elements
- Available in various materials of construction including metal, fiberglass and polypropylene
- Degree of filtration from 10mm – 1 micron
- Flow tested both liquid and gas elements to ensure process warranties can be offered



### LIQUID FILTERS

- Plenty Process Filters design a range of filters in a variety of materials in accordance with international pressure vessel codes
- Single basket and Dual basket (Duplex) filters
- Fully automatic backflush filters
- Hi-Flow Filters
- Designed to incorporate either quick release or bolted closures
- Elements are either cleanable or disposable



### CARTRIDGE FILTERS

- Custom design Filters to meet specific application details
- Designed and manufactured in accordance with international pressure vessel code
- Range of materials of construction to meet customers specific operating parameters



### BACKFLUSH FILTERS - METAL

- Custom designed range available
- Stand alone or skid mounted
- Internals available in a range of materials to meet specific applications
- Line sizes 6" – 90"



### BACKFLUSH FILTERS - GRP

- Developed primarily for sea water with high corrosion where metal bodies are unsuitable
- Custom designed range available
- Stand alone or skid mounted
- Internals available in a range of materials to meet specific applications
- Line sizes 6" – 90"



### DRY GAS FILTERS

- Designed to remove solids from gas streams
- Available in both horizontal or vertical units, in a variety of materials to meet international codes
- Quick opening or bolted cover
- Elements include cleanable stainless steel or disposable fiberglass or polypropylene
- Designed to meet customer operating conditions

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### FILTER SEPARATORS

- Designed to remove both solids and liquids from gas streams
- Constructed using Plenty Coalescing cartridges, vane units and/or cyclones to achieve required solid and liquid removal efficiency
- Unit available from pipe sizes 2" and above to suit any pressure class
- Available in a range of materials suitable for all operating conditions



### COALESCERS

- Designed to coalesce fine liquid mist in gas streams into droplets considerably larger than their original size, such that they can be drained by gravity from the vessel
- Units available in both horizontal and vertical orientation with single or two stage construction



### CARBON BED FILTERS

- Custom design Filters to meet specific application details
- Designed and manufactured in accordance with international pressure vessel code
- Range of materials of construction to meet customers specific operating parameters



### SKID MOUNTED PACKAGES - LIQUID

- Custom designed range available
- Skid mounted packages
- Modular
- Can include mechanical, electrical, instrumentation, ladders, platforms to be compatible with site requirements



### SKID MOUNTED PACKAGES - GAS

- Custom designed to application requirements
- Skid mounted packages
- Modular
- Can include mechanical, electrical, instrumentation, ladders, platforms to be compatible with site requirements



### SKID MOUNTED PACKAGES - CARBON BED

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Global Headquarters  
13515 Ballantyne Corporate Place  
Charlotte, North Carolina 28277  
United States

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