

Providing excellence for over 60 years



AEROSPACE • AUTOMOTIVE • CONSTRUCTION • CHEMICAL • ELECTRONICS • FOOD • BEVERAGE • MEDICAL • COSMETICS • PAINT

BEACH
FILTERS

Compressed Air Filters

Point-of-Use

It's a fact: industrial compressed air will inevitably be contaminated by water droplets and vapor, rust and pipe scale, carbon particles, and oil vapor. It's a problem industry has wrestled with for years. The presence of these contaminants is damaging to sensitive equipment, leading to

- Lost production time
- Shortened service life of mechanical components
- Increased cost of sub-standard products
- Reduced product purity, quality and safety

The net gain in efficiency of filtering compressed air at the point-of-use more than pays for the initial investment.

Beach filters are highly efficient point-of-use filters, removing oil, moisture, vapors, and particulate left in the air or picked up in the air line. When a Beach filter is installed at or near the point-of-use, no additional filters are needed afterward.

- Removal of oil vapors, hydrocarbons, moisture and particulate down to 0.3 microns – a 99.9% efficiency rate
- Polyclear II® filters and bowls provide clear view of elements, superior UV protection and resistance to synthetic oils
- Operating temperatures up to 180° F

BEACH FILTERS

Beach offers a complete line of desiccant and mechanical/coalescing/desiccant filters for point-of-use filtration.

Specialty Filters



- Ideal for instrument air and pneumatic controls
- Constructed of 100% Polyclear II®
- Inexpensive
- Replaceable elements

F-GGC | F-40C

T-Line Filters



- Triple-action filtration against contaminants
- Clearview bowl of Polyclear II®
- No tools servicing
- Replaceable elements, cleanable coalescer chamber

F-T20C | F-T40C | F-T60C

In-Line Filters



- Dependable filtration against contaminants
- Constructed of acrylic and/or aluminum
- Aluminum filter available with sight glass
- Replaceable elements

F-45C | F-125C | F-300C | F-600C | F-1200W
F-65AL | F-125AL | F-300AL | F-600AL
F-65AW | F-125AW | F-300W | F-600W

Filter Models

scfm at 100 psi

Maximum psi

Maximum Operating Temperature

Number of Elements

5-15

250

180° F

disposable - 1

20-60

250

180° F

1-2

20-1200

150-250

150° F

2-3

Introducing the latest innovation from Beach.

Blocks moisture completely.

There are times when moisture-free air is essential. Designed specifically for this, the MoistureBloc™ filter by Beach blocks moisture from the air stream and eliminates moisture-related defects in welding and paint industries.

For over ten years, these filters have been proven performers in the welding industry with robotic and hand-held plasma cutting machines. Because the MoistureBloc™ filter blocks water and does not absorb it, consumable parts life is extended two to four times and arc stability is increased two times over use of unfiltered air. And because MoistureBloc™ filters will flow at 25 scfm at a maximum pressure of 125 psig, they will fit most compressors.

MOISTURE BLOC
by Beach

How it works:

- As the patented filter element becomes contaminated with moisture, the filter molecules expand to block moisture from the air stream.
- When fully contaminated, the filter element expands to block airflow completely, preventing defects and damage to tools.
- Changing the element of the MoistureBloc™ filter is quick, easy, and tools-free, providing a minimum of lost production time.
- To further reduce downtime, the tandem unit is available. A unique shuttle and exhaust valve arrangement enables instant filter changeover, allowing the contaminated filter to be changed when convenient.



Hydraulic Breather Filters

Seventy-five percent of hydraulic system failures occur because of contaminated fluids in reservoirs and process tanks. These failures often result in lost production, added cost, potential injuries and delayed deliveries. Fortunately, Beach Filters offers a solution. Replacing a standard breather cap with a Beach Hygroscopic Breather provides superior air filtration and water removal.

BEACH BREATHERS

- Three-stage filtration removes grit, sludge and oxides and eliminates rust-forming condensation.
- Filters to three microns absolute, exceeding most industry standards
- Non-toxic, disposable filter changes color when replacement is needed
- Available in three models:
 - Disposable breather for general use filters from 3.5 to 20 cfm
 - PVC tank breather for larger systems filters from 30 to 900 cfm
 - Steel breather for corrosive and extremely hot environments filters from 20 to 300 cfm



AquaGuard®

Specifically designed for gearbox and pump applications where air flow is at a minimum, AquaGuard® desiccant breathers attack high humidity, keeping lube systems clean and dry.

- Prevents pressure and temperature build-up
 - Overpressure bladder design
 - Unique dual check-valve system
- Blocks the introduction of raw moisture during clean-up and wash-down operations
- Suitable for 1 and 4 cfm applications



Humidity Control

For over sixty years, Beach Filters has specialized in the desiccant filtration of compressed air and gases, protecting operating systems from contamination. In addition, Beach offers two solutions for keeping products clean and dry. Safe, non-toxic Sta-Dri® and Container Dri® II desiccants absorb moisture from the air, preventing rust, mildew and corrosion during storage and shipping. By controlling humidity and condensation, Sta-Dri® and Container Dri® II ensure your products arrive without water damage or spoilage.

STA-DRI® by Beach

- Ideal for long-term, corrosion-sensitive applications
- Controls moisture in both storage and shipping environments below 40% relative humidity
- Available in 1/4, 1/2, 1, 2, and 4 pound polyester pouches
- Effective in areas up to 15 cubic feet per pound of Sta-Dri®
- Active ingredient clay remains dry to the touch, even when saturated
- Reusable up to 3 times



Container Dri® II

- Ideal for industrial uses, especially in container shipping
- Controls dew point temperature in both refrigerated and non-refrigerated containers, preventing "container rain"
- Available in adhesive-backed single envelope or strips of 6 envelopes
- Effective in areas up to 50 cubic feet per envelope
- Active ingredients calcium chloride and starch absorb moisture and trap it as a thick, no-spill gel
- Single use



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BEACH FILTERS

Beach Filters and replacement elements are sold only through a network of over 150 authorized distributor locations.

Shipments:

- F.O.B. Glen Rock, PA 17327 via UPS, or preferred freight forwarder.
- Shipments are made within 24 hours of receipt of order.

Drop Shipments:

- Drop shipments are encouraged by Beach Distributors to reduce time between shipment and receipt of the order by the customer. The Beach Filters element replacement reminder program increases sales.

Examples of application success. For more, visit www.beachfilters.com.

- Linear Dynamics Inc., of Montgomery, PA, a manufacturer of highway maintenance products and thermoplastic equipment, uses Beach Filters exclusively on their line painting equipment. "Uniform appearance and superior adhesion are crucial elements... That's why consistently clean, dry compressed air filtration is the key," expressed Gary Mark, technical service manager at Linear Dynamics.
- McCormick and Company, Inc., the largest manufacturer of spices in the United States, relies on Beach Filters for assuring product quality. During the renovation of the Hunt Valley, MD, processing plant, McCormick specified Beach's compressed air filters for use in each production line, dry mixing area and the new robot-operated packaging area.
- Y2K Fluid Power, Inc., a manufacturer of contamination control products, incorporated the Beach Breather Model BB-2 into a quick-change kit for hydraulic fluid. Used for CH-47 Chinook helicopters, the kit allows quick and safe access to oils while preventing contamination from entering during oil transfer.

For complete product specifications or more information about Beach Filters products, call 1.800.BEACH.85 or visit www.beachfilters.com.