

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
- Cylform® clay, silica gel and custom elements available



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

	Specialty Filters	T-Line Filters	In-Line Filters
	 <ul style="list-style-type: none"> • Ideal for instrument air and pneumatic controls • Constructed of 100% Polyclear II® • Inexpensive • Replaceable elements (F-40C) 	 <ul style="list-style-type: none"> • Triple-action filtration against contaminants • Clearview bowl of Polyclear II® • No-tools servicing • Replaceable elements, cleanable coalescer scrubber 	 <ul style="list-style-type: none"> • Dependable filtration against contaminants • Constructed of acrylic and/or aluminum • Aluminum filter available with sight glass • Replaceable elements
Filter Models	F-GGC F-40C	F-T20C F-T40C F-T60C	F-65C F-125C F-300C F-600C F-1200AW F-65AL F-125AL F-300AL F-600AL F-65AW F-125AW F-300AW F-600AW
scfm at 100 psi	5-15	20-60	20-1200
Maximum psi	250	250	150-250
Maximum Operating Temperature	180° F	180° F	150° F
Number of Elements	disposable/1	1-2	2-3

Desiccant 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.

- Three stage bi-directional filtration removes grit, sludge, oxides and eliminates rust-forming condensation
- Filters to 3 microns absolute, exceeding most industry standards
- Non-toxic silica gel desiccant changes color when replacement is needed
- Integrated standpipe extends life.



DISPOSABLE

- Miniature and standard disposable breathers address over 80% of the applications
- Clear, tough polycarbonate body and adjustable flow to extend life



REBUILDABLE STEEL

- Designed for larger systems, 80 to 270 cfm in harsh or even corrosive environments
- Rebuild kits include desiccant pouch, pleated particulate element, and new sight-glass



AQUAGUARD® HYBRID

- Designed for pumps, gear boxes, and suitable for wash-down and other high humidity environments
- Expansion chamber with dual check valves keeps lube systems dry



EXTREME DUTY

- XD-6 Extreme Duty breathers are designed for the harshest environments, especially construction, mining and marine applications.
- With a shock and vibration resistant shell, the toughest, longest lasting disposable breather.



Humidity Control

Beach Filters offers two solutions for keeping products clean and dry during shipping and storage. 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.



- Ideal for long-term, corrosion-sensitive applications
- Controls moisture in both storage and shipping environments below 40% relative humidity
- Available in 1/2, 1, 2, 3 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
- Environmentally friendly bentonite clay is naturally occurring, inert and can be heated to safely release trapped moisture
- 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



Portable Offline Filtration



Industry spends millions of dollars annually treating the negative effects of contamination caused by dirt and moisture. Contaminated lubricating oil and hydraulic fluid results in excess machine wear, production downtime, and repair costs.

Actively filtering lubricants can prevent contamination-related problems. Heavy duty, lots of options, exceptional value ... our FluidGuard™ filter carts are uniquely yours. You can select from dozens of components with our online customizer at www.beachfilters.com.



Introducing the Latest 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 sfcms at a maximum pressure of 125 psig, they will fit most compressors.



7682 Glenville Road
Glen Rock, PA 17327-8809
1.800.BEACH.85 (1.800.232.2485)
phone: 717.235.1136
fax: 717.235.4858
email: beachsta-dri@comcast.net

www.beachfilters.com



For over 60 years, Beach Filter Products, Inc. has been providing industry with solutions for keeping industrial compressed air, hydraulic oil and storage spaces clean and dry. We offer a full line of compressed air filters for point-of-use, hygroscopic reservoir/tank breather filters, oil filter carts and moisture control products.

Distribution:

Beach Filter Products are sold only through a network of over 100 distributors to all manufacturing segments.

Shipments:

Shipments are made within 24 hours of receipt of order.

FOB Glen Rock, PA 17327 via UPS, Fed Ex or preferred freight forwarder.

Drop shipments are encouraged by Beach distributors to reduce shipping time and wasted resources.

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.

