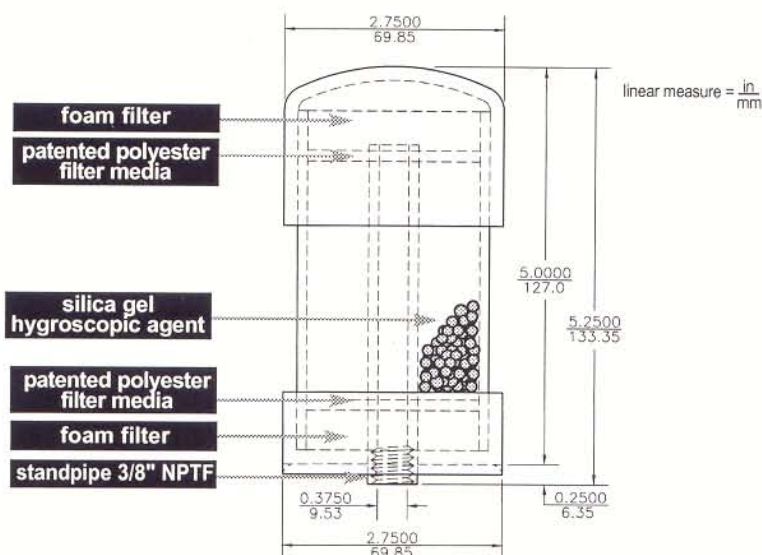
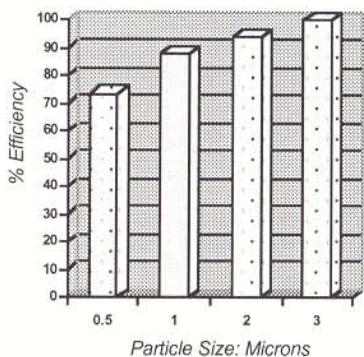


BEACH BB-1 PRODUCT INFORMATION

BB-1 desiccant breathers prevent moisture & particulates from entering your small to medium size gearboxes &/or hydraulic reservoirs. Designed to replace standard breather caps, Beach breathers will keep your system running clean & dry.



Filter Efficiency



The BB-1 retains particulate matter down to 3 microns (74% efficient at 0.5 micron). This level exceeds most industry standards & provides the protection necessary to ensure maximum component life & system performance.

Features:

- Designed for smaller applications
- 3 layers of protection to 3 micron absolute (see chart)
- Airflow rating of 3 cfm
- Patented airflow design
- Spin-on element for easy installation
- Durable construction
- Design allows partial regeneration of desiccant
- Indicator window (color change from blue to pink indicates need to replace breather)
- Environmentally safe disposal

Benefits:

- Size permits installation on smaller equipment & in tight or confined areas
- Eliminates rust forming condensation
- Prevents sludge deposits & water-contaminated oil
- Provides longer oil and filter life
- Reduces wear & tear on equipment, prolongs life
- Helps reduce operating costs due to repair parts, labor costs, & production downtime
- Allows optimum performance & ongoing reliability of industrial machinery

TECH SPECS

General Data

Element model BB-1
 Unit size 5 in. tall, 2 3/4 in. diameter
 Filtration area 4.12 sq.in.
 Amount of silica gel 4 oz.
 Adsorption capacity 0.10 cup
 Max. permissible flow 3 cfm
 Net weight of unit 14.1 oz.
 Micron rating efficiency ... 3/100%, 0.5/74%
 Direction of flow Out-in & In-out
 Op. temp. range -20° to +250° F

Hygroscopic Agent

Type & quantity Silica gel
 Apparent bulk density 49 lb./cu.ft.
 Avg. particle diameter 0.145 in.
 Avg. surface area 0.65 sq. m/gm
 Pore volume 0.38 cc/gm

Hygroscopic Agent Cont'.

Avg. pore diameter 21 A
 Specific heat 0.25 BTU/lb. °F
 Nominal mesh range 4 x 8
 Crush strength avg. 35 lb.

Filter Media

Material Polyester
 Porosity 100-130 cmf @ 1/2 in. w.g.

Unit Material Data

Material* PVC & Polypropylene
 Max. op. temp. 250° F
 Melting point 350° F
 Tensile strength 8000 psi

* Resistant to acids, alkalides, solvents, all mineral & synthetic lubricants

For additional product information, please contact:

BEACH
BREATHERS

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