

New Rebuildable Steel Breathers

For harsh or corrosive environments



Benefits of Beach Breathers

- Elimination of:
 - Water and particulate contamination in oil and related fluids.
 - Rust and corrosion inside the container.
 - Chemical reactions or spoilage.
- Increased oil and oil filter life.
- Reduced abrasive wear, downtime, and repair costs.
- Improved lubricant performance.
- More reliable equipment performance.

Features	Benefits
Integrated Standpipe	Resilient construction provides durability and allows oil mist to coalesce and drain back into a reservoir
Pleated Filter Element	Replaceable polyethylene microglass filter prevents particles to 1-micron absolute from entering the system
Silica Gel/Desiccant	Easy-to-replace desiccant bags remove moisture from incoming air, extending fluid and system life
Carbon Steel or Stainless Steel Housing	Handles high temperatures and extreme environments, prevents corrosion
Various Sizes	Adaptation to virtually any system

Patent process underway.

BEACH
BREATHERS

For clean, dry air

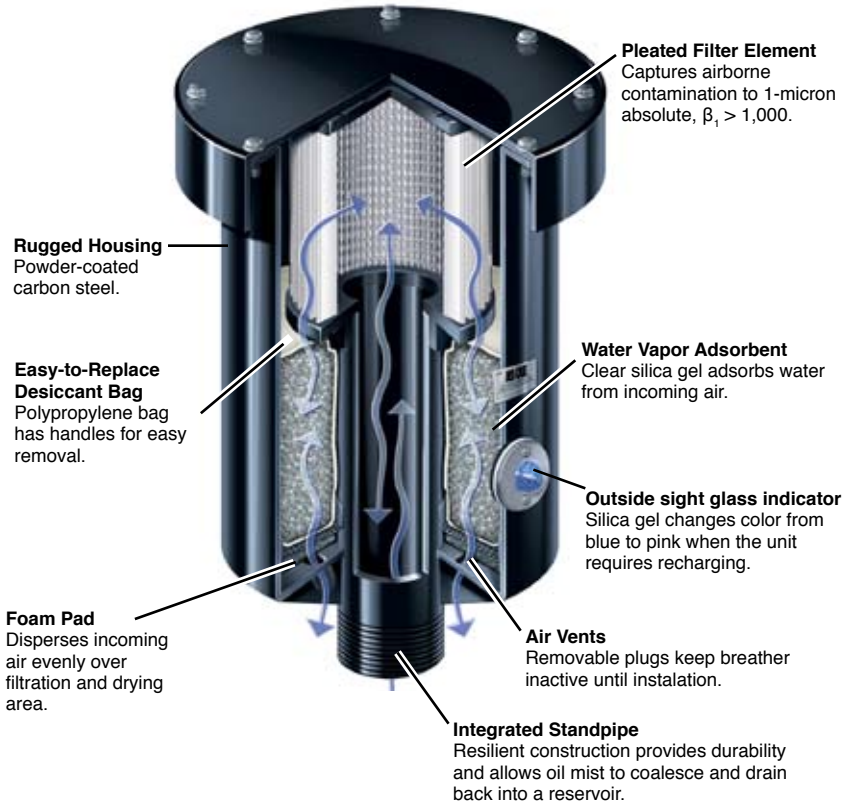
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How the Product Works

As wet, dirty air is drawn through the unit, a 1-micron pleated filter element removes solid particulate and the hygroscopic agent extracts moisture.

When the air is expelled from the container, the foam pad cleans itself by releasing dirt back into the atmosphere. The hygroscopic agent is partially reactivated by the dry air passing back through, thereby permitting longer periods between recharging or replacing.



Model Number	BB-RS-3	BB-RS-5	BB-RS-9	BB-RS-15	BB-RS-25	BB-RS-50	BB-RS-75	BB-RS-100	BB-RS-150	BB-RS-200
Height (in./cm.)	11.5/29.2	13.75/34.9	18.25/46.4	19.25/48.9	22.5/57.1	31.25/79.4	39.75/101	31/78.7	36.75/93.3	42.75/108.6
Width (in./cm.)	10.13/25.72	10.13/25.72	10.13/25.72	15.5/39.37	15.5/39.37	15.5/39.37	15.5/39.37	23.5/59.69	23.5/59.69	23.5/59.69
Connection Size (NPT)	2"	2"	2"	3"	3"	3"	3"	4"	4"	4"
Amount of Desiccant (lbs./kg)	3/1.36	5/2.27	9/4.08	15/6.80	25/11.34	50/22.68	75/34.02	100/45.36	150/68.04	200/90.72
Flowrate at 0.5 PSID (cfm)	85	85	80	205	140	115	80	270	250	240
Approx. Dry Weight (lbs./kg)	16/7.26	20/9.07	27/12.25	49/22.23	64/29.03	100/45.36	144/65.32	190/86.18	253/114.76	315/142.88
Adsorption Capacity (L/gal)	0.54/0.14	0.90/0.24	1.62/0.43	2.7/0.71	4.5/1.19	9.0/2.38	13.5/3.57	18.0/4.75	27.0/7.13	36.0/9.51
Operating Temperature	-20 to 220°F / -29 to 104°C									

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