

**QUICK REFERENCE CHART**



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**NOTE:** 1 LB. Desiccant adsorbs approximately .73 cups of water at 38 % weight by volume  
 Efficiency of desiccant usage varies per breather type and is paramount to breather life span

<u>Comments</u>	<u>Beach Part #</u>	<u>lbs. of desiccant</u>	<u>Liters of water to be held</u>	<u>Storage tank volume max. in gallons</u>	<u>Hyd. res. max gal.</u>	<u>GB max gal.</u>	<u>GPM</u>		<u>Max air flow in CFM</u>	<u>Port size NPT</u>
Low flow disposable units*	BB-B	0.125	0.024	10	n/a	1	7.5	At 1 PSID	1	3/8"
Low flow disposable units*	BB-1	0.250	0.045	35	n/a	2	7.5	At 1 PSID	1	3/8"
Standard disposable units	BB-2	0.688	0.130	200	20	200	120	At 1 PSID	16	1"
Standard disposable units	BB-3	1.250	0.230	350	100	350	120	At 1 PSID	16	1"
Standard disposable units	BB-4	1.875	0.350	500	200	500	120	At 1 PSID	16	1"
Ventguard	BB-AG-1	0.250	0.300	n/a	n/a	5	7.5	At 1 PSID	1	3/8"
Aquaguard***	BB-AG-8	0.650	0.475	n/a	n/a	400	18.75	At 1 PSID	2.5	1"
Extreme duty breather**	BB-XD-6	1.750	0.315	800	400	500	120	At 1 PSID	16	1 1/8"
Rebuildable steel breather	BB-RS-3	3	0.500	800	400	please call	638	At 0.5 PSID	85	2"
Rebuildable steel breather	BB-RS-5	5	0.900	1,300	600	please call	638	At 0.5 PSID	85	2"
Rebuildable steel breather	BB-RS-9	9	1.600	2,400	1200	please call	600	At 0.5 PSID	80	2"
Rebuildable steel breather	BB-RS-15	15	2.700	4,000	1800	please call	1538	At 0.5 PSID	205	3"
Rebuildable steel breather	BB-RS-25	25	4.500	7,000	please call	please call	1050	At 0.5 PSID	140	3"
Rebuildable steel breather	BB-RS-50	50	9.100	14,000	please call	please call	863	At 0.5 PSID	115	3"
Rebuildable steel breather	BB-RS-75	75	13.600	21,000	please call	please call	600	At 0.5 PSID	80	3"
Rebuildable steel breather	BB-RS-100	100	18.200	30,000	please call	please call	2025	At 0.5 PSID	270	4"
Rebuildable steel breather	BB-RS-150	150	27.300	50,000	please call	please call	1875	At 0.5 PSID	250	4"
Rebuildable steel breather	BB-RS-200	200	36.400	75,000	please call	please call	1800	At 0.5 PSID	240	4"

\* Use with caution - low airflow and small amount of desiccant

\*\*Special adaptors per price list

\*\*\*Aquaguard (bladder breather) and Ventguard for high humidity, low-airflow applications (e.g. gearbox in washdown area)

Optimum cost efficiency normally achieved with larger units of each type

For example, a BB-4 would be more cost effective than a BB-2, even for smaller reservoirs

*This is intended as a general guideline for sizing; other considerations, such as humidity level, frequency of air flow, ambient temperatures, MTBR, etc. are at least as important in sizing a desiccant breather properly. Larger applications and special circumstances typically require the most thorough analysis.*