

BREATHER SIZING CHART

Please Note: This sizing guide is intended as a general guideline for sizing only; other considerations, such as; humidity level, frequency of air flow, ambient temperatures, and chemical compatibility are very important in sizing a desiccant breather properly. Larger applications and special circumstances typically require the most thorough analysis.

Product Line	Des-Case Part #	lbs. of desiccant	Storage Tank Volume Max in Gallons	Hyd. Res. Max Gallons	GB Max Gallons	GPM	Max Air Flow in CFM	PSID	Port Size	Ideal For	Comments
Standard Mini Disposable Units	DC-BB	0.130	15	2	15	34.125	4.55	At 1 PSID	3/8"	Intermittent Operations, Transformers, Small Totes, Pumps	Use very cautiously* Low air flow and small quantity of desiccant, Multi-fit thread (NPT, BSPT, NPSM)
Standard Mini Disposable Units	DC-1	0.28	35	5	35	31.2	4.16	At 1 PSID	3/8"	Intermittent Operations, Transformers, Small Totes, Pumps	Use very cautiously* Low air flow and small quantity of desiccant, Multi-fit thread (NPT, BSPT, NPSM)
Standard disposable units	DC-2	0.66	200	60	200	120	16	At 1 PSID	1"	Intermittent Operations, Transformers, Storage Tanks, Totes	Multi-fit thread (NPT, BSPT, NPSM)
Standard disposable units	DC-3	1.220	350	100	350	120	16	At 1 PSID	1"	Intermittent Operations, Transformers, Storage Tanks, Totes	Multi-fit thread (NPT, BSPT, NPSM)
Standard disposable units	DC-4	1.88	500	200	500	120	16	At 1 PSID	1"	Intermittent Operations, Transformers, Storage Tanks, Totes	Multi-fit thread (NPT, BSPT, NPSM)
New** Ventguard (First Ships 6-1-11)	DC-VG-BB	0.13	15	2	15	10.875	1.45	At 1 PSID	3/8"	Gearboxes, Low-flow Applications, Frequent Washdowns, Gearbox Storage	Use very cautiously* Low air flow and small quantity of desiccant, Multi-fit thread (NPT, BSPT, NPSM)
Ventguard	DC-VG-1	0.28	35	5	35	10.875	1.45	At 1 PSID	3/8"	Gearboxes, Low-flow Applications, Frequent Washdowns, Gearbox Storage	Use very cautiously* Low air flow and small quantity of desiccant, Multi-fit thread (NPT, BSPT, NPSM)
New** Ventguard (First Ships 6-1-11)	DC-VG-2	0.66	200	60	200	18.75	2.5	At 1 PSID	1"	Gearboxes, Low-flow Applications, Frequent Washdowns, Gearbox Storage	Multi-fit thread (NPT, BSPT, NPSM)
New** Ventguard (First Ships 6-1-11)	DC-VG-3	1.22	350	100	350	17.1	2.28	At 1 PSID	1"	Gearboxes, Low-flow Applications, Frequent Washdowns, Gearbox Storage	Multi-fit thread (NPT, BSPT, NPSM)
Hydroguard	DC-HG-1	0.28	n/a	n/a	50	10.575	1.41	At 1 PSID	3/8"	Gearboxes, High-humidity Applications, Frequent Washdowns	Use very cautiously* Low air flow and small quantity of desiccant, Multi-fit thread (NPT, BSPT, NPSM)
Hydroguard	DC-HG-8	0.650	55	n/a	400	18.75	2.5	At 1 PSID	1"	Gearboxes, High-humidity Applications, Frequent Washdowns	Multi-fit thread (NPT, BSPT, NPSM)
New** Non-Desiccant Breather (Shipping Now)	DC-ND-2	n/a	5 to 15	n/a	5 to 15	5.025	0.67	At 1 PSID	3/8" NPT	Oil Sight Glasses, Small Gearboxes	
New** Non-Desiccant Breather (First Ships 7-1-2011)	DC-ND-35	n/a	See Comments			5.025	0.67	At 1 PSID	1"	Low-humidity Applications, Continuous Operations w/ Frequent Washdowns, Arid, High-Dust Environments, Oil Mist Applications	Sizing should be made per flow rate, w/o desiccant, good for oil mist applications
Extreme Duty Breather	DC-XD6	1.75	500	200	500	120	16	At 1 PSID	1 1/2" x 16 UN Female Thread	Harsh Environment, Mobile Equipment, Nautical Applications	
Rebuildable steel breather	DC-RS-3	3	800	400	please call	637.5	85	At 0.5 PSID	2" NPT		All RS Breathers can be customized based on the customer's needs. RS Breathers can be ordered in a variation of the below: Steel Housings Carbon Steel 304 stainless 316 stainless Gasket Material Buna-n Viton EPDM SBR Rubber Filter Material Standard Plastisol (units ordered with plastisol should not include the foampad)
Rebuildable steel breather	DC-RS-5	5	1,300	600	please call	637.5	95	At 0.5 PSID	2" NPT		
Rebuildable steel breather	DC-RS-9	9	2,400	1200	please call	600	80	At 0.5 PSID	2" NPT		
Rebuildable steel breather	DC-RS-15	15	4,000	1800	please call	1537.5	205	At 0.5 PSID	3" NPT	High-flow Applications, Harsh Environments, Chemical Compatibility Solution	
Rebuildable steel breather	DC-RS-25	25	7,000	please call	please call	1050	140	At 0.5 PSID	3" NPT		
Rebuildable steel breather	DC-RS-50	50	14,000	please call	please call	862.5	115	At 0.5 PSID	3" NPT		
Rebuildable steel breather	DC-RS-75	75	21,000	please call	please call	600	80	At 0.5 PSID	3" NPT		
Rebuildable steel breather	DC-RS-100	100	30,000	please call	please call	2025	270	At 0.5 PSID	4" NPT		
Rebuildable steel breather	DC-RS-150	150	50,000	please call	please call	1875	250	At 0.5 PSID	4" NPT		
Rebuildable steel breather	DC-RS-200	200	75,000	please call	please call	1800	240	At 0.5 PSID	4" NPT		