

# DES-CASE<sup>®</sup>

## CORPORATION

**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

Comments	Des-Case Part #	lbs. of desiccant	Liters	Storage tank	Hyd. Res.	GB	GPM	At 1 PSID	Max air flow	NPT
			of water to	Volume max					in CFM	
			be held	in gallons	max gal.	max gal.				
Use very cautiously*	DC-1	0.3	0.30	35	n/a	2	22.5	At 1 PSID	3	3/8"
Same as DC-1 but with check valves built in*	VG-1	0.3	0.30	n/a	n/a	5	7.5	At 1 PSID	1	3/8"
Ventguard	DC-VG-4	0.3	0.30	n/a	n/a	8	7.5	At 1 PSID	1	3/8"
Hydroguard**	DC-HG-8	0.65	0.47	n/a	n/a	400	18.75	At 1 PSID	2.5	1"
Standard disposable units	DC-2	0.6875	0.13	200	20	200	120	At 1 PSID	16	1"
Standard disposable units	DC-3	1.25	0.23	350	100	350	120	At 1 PSID	16	1"
Standard disposable units	DC-4	1.875	0.35	500	200	500	120	At 1 PSID	16	1"
Disposable steel breather**	DC/DS-6	1.5	0.27	400	200	450	150	At 1 PSID	20	adapter dependent
Rebuildable steel breather	DC-RS-3	3	0.50	800	400	please call	638	At 0.5 PSID	85	2"
Rebuildable steel breather	DC-RS-5	5	0.90	1,300	600	please call	638	At 0.5 PSID	85	2"
Rebuildable steel breather	DC-RS-9	9	1.60	2,400	1200	please call	600	At 0.5 PSID	80	2"
Rebuildable steel breather	DC-RS-15	15	2.70	4,000	1800	please call	1538	At 0.5 PSID	205	3"
Rebuildable steel breather	DC-RS-25	25	4.50	7,000	please call	please call	1050	At 0.5 PSID	140	3"
Rebuildable steel breather	DC-RS-50	50	9.10	14,000	please call	please call	863	At 0.5 PSID	115	3"
Rebuildable steel breather	DC-RS-75	75	13.60	21,000	please call	please call	600	At 0.5 PSID	80	3"
Rebuildable steel breather	DC-RS-100	100	18.20	30,000	please call	please call	2025	At 0.5 PSID	270	4"
Rebuildable steel breather	DC-RS-150	150	27.30	50,000	please call	please call	1875	At 0.5 PSID	250	4"
Rebuildable steel breather	DC-RS-200	200	36.40	75,000	please call	please call	0	At 0.5 PSID		4"

\* low air flow and small quantity of desiccant

\*\* must have special adaptor as per price list

**Hydroguard** (bladder breather) for extreme

humidity, low-airflow applications

**Ventguard** is a smaller version of the Hydroguard,

with a replaceable desiccant cartridge

Optimum cost efficiency normally achieved with larger units

of each type-i.e. DC-4 would be more cost effective than a

DC-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.*