

Same Breather, Longer Life

More desiccant and increased airflow without increasing the external dimensions of the breather



Des-Case is proud to announce the roll out of a *new and improved*, patent-pending breather construction for the following models.



**INCREASED
DESICCANT VOLUME**



**INCREASED
AIRFLOW**



**NEW
FEATURES**



**SAME EXTERNAL
DIMENSIONS**

Enhanced seal eliminates potential for airflow bypass

Increased space inside the breather providing more desiccant

Larger, high-capacity check valves for increased airflow at low cracking pressure (VG & HG)



Domed cap to allow for better washdown runoff

External ribs on shell to create greater durability and grip when installing or replacing breather

Integrated drip ring keeps shedding water from entering the vent holes

These improvements dramatically **increase breather life** by

25-50%

Percentage of Breather Life Gained

MODEL	PERCENTAGE GAIN
DC-2	54%
DC-3	42%
DC-4	21%
DC-VG-2	54%
DC-VG-3	42%
DC-VG-4	21%
DC-HG-8	54%

Excludes the DC-BB, DC-1, VG-BB, VG-1 and HG-1 models.

Amount of Silica Gel (lbs / kg)			
BREATHER MODEL	CURRENT AMOUNT	NEW AMOUNT	PERCENTAGE GAIN
DC-2	0.7 / 0.3	0.8 / 0.4	22%
DC-3	1.2 / 0.6	1.4 / 0.6	15%
DC-4	1.9 / 0.9	2.0 / 0.9	7%
DC-VG-2	0.7 / 0.3	0.8 / 0.4	22%
DC-VG-3	1.2 / 0.6	1.4 / 0.6	15%
DC-VG-4	1.9 / 0.9	2.0 / 0.9	7%
DC-HG-8	0.7 / 0.3	0.8 / 0.4	22%
Adsorption Capacity (fl oz / ml)			
BREATHER MODEL	CURRENT CAPACITY	NEW CAPACITY	PERCENTAGE GAIN
DC-2	4 / 118	5 / 144	22%
DC-3	7 / 220	9 / 253	15%
DC-4	11 / 334	12 / 359	7%
DC-VG-2	4 / 118	5 / 144	22%
DC-VG-3	7 / 220	9 / 253	15%
DC-VG-4	11 / 334	12 / 359	7%
DC-HG-8	4 / 118	5 / 144	22%
Air Flow Rate (cfm @ 1 Psid)			
BREATHER MODEL	CURRENT RATE	NEW RATE	PERCENTAGE GAIN
DC-2	16	16	0%
DC-3	16	16	0%
DC-4	16	16	0%
DC-VG-2	2	12	392%
DC-VG-3	2	11	344%
DC-VG-4	3	10	236%
DC-HG-8	3	7	180%
Flow Rate (gpm / lpm @ 1 Psid)			
BREATHER MODEL	CURRENT RATE	NEW RATE	PERCENTAGE GAIN
DC-2	120 / 453	120 / 453	0%
DC-3	120 / 453	120 / 453	0%
DC-4	120 / 453	120 / 453	0%
DC-VG-2	18 / 69	90 / 340	392%
DC-VG-3	18 / 70	82 / 311	345%
DC-VG-4	22 / 84	75 / 283	237%
DC-HG-8	19 / 71	52 / 198	179%