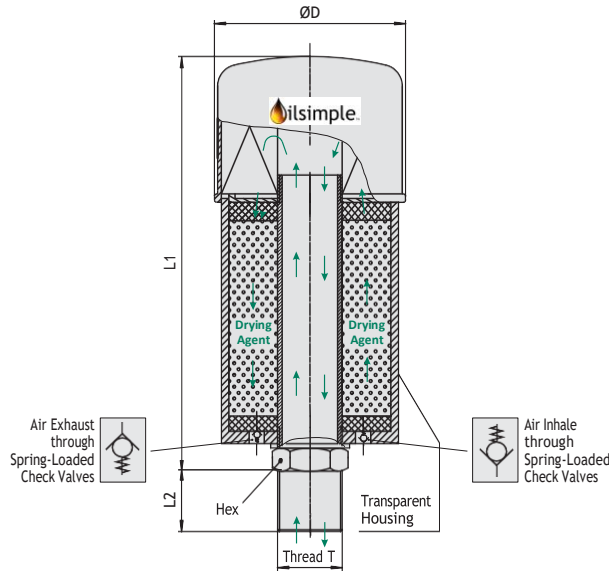




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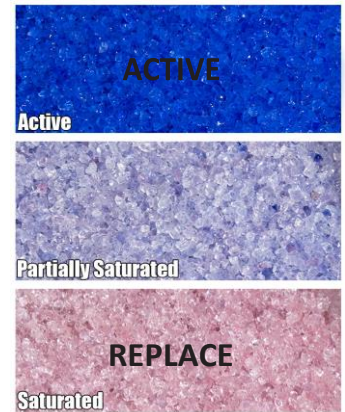
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## Oilsimple Desiccant Air Breather incl. Air Filter Element Type SDB



### Drying Agent

Capable of changing colours with increasing moisture



This product does not contain any dangerous substances according to EC Council directives 99/45/EC and 2001/60/EC.

### Dimensions & Technical Data

Type	Thread T	Dimensions				Weight		Volume		Max. Water Absorption	Air Filter Elements				
		ØD*	L1*	L2*	Hex	Complete Unit	Drying Agent	(cm³ / in³)	Drying Agent		(g/100g)	Type	Filter Material	Micron Rating	Filter Surface
SSR-096/CV	Male G3/4 BSP (ISO 228)	98	220	18	32	1500	450	600	172	SGB-090-03-B	Synthetic Fibre	3µm	752 cm²	0,70 m³/min	
		8.66	.71	1.26	3.31	.99	36.6	.38	115 in²				24.71 cfm		
SSR-121/CV	Male G1-1/4 BSP (ISO 228)	130	258	25	50	2700	750	1000	288	SGB-120-03-B	Synthetic Fibre	3µm	2095 cm²	1,50 m³/min	
		5.12	10.16	.98	1.98	5.92	1.65	61.0	.63				320 in²	52.97 cfm	
SSR-122/CV	Male G1-1/4 BSP (ISO 228)	130	355	25	50	4000	1500	2000	576	SGB-120-03-B	Synthetic Fibre	3µm	2095 cm²	1,50 m³/min	
		5.12	13.98	.98	1.98	8.82	3.31	122.0	1.27				320 in²	52.97 cfm	

\* ± 2 mm / .08 in

Refillable Silica Desiccant Breather with air filter and check valves				
Type	Part No	Description	Quantity	Price(Each)
SSR SDBCVCV 096	SSR SDBCVCV 096	SDB-096-CV	1	£156.36
	SSR TAF 096	Top air filter	1	
	SSR 0.75 CAM-M-PP	3/4 Camlock male	1	
	SSR 0.75 CAM-F-PP	3/4 Camlock coupling	1	
SSR SDBCVCV 121	SSR SDBCVCV121	SDB-121-CV	1	£187.93
	SSR TAF121/22	Top air filter	1	
	SSR 1.25 CAM-M-PP	1 1/4 Camlock male	1	
	SSR 1.25 CAM-F-PP	1 1/4 Camlock coupling	1	
SSR SDBCVCV 122	SSR SDBCVCV122	SDB-122-CV	1	£230.64
	SSR TAF121/22	Top air filter	1	
	SSR 1.25 CAM-M-PP	1 1/4 Camlock male	1	
	SSR 1.25 CAM-F-PP	1 1/4 Camlock coupling	1	

Breather kit contains all items described above prices excludes postage and VAT @ 20%

### Characteristics

Combination of air breather and water removal filter with integrated check valves to increase the lifetime of the desiccant material; particularly suited for gearbox applications.

When a reservoir or gearbox breathes, air containing water vapor is ingested into the system. Temperature fluctuations will cause this water vapor to condense which can speed up the oxidation of the fluid and lead to damage in the system.

While inhaling, Desiccant Air Breathers SDB-CV first dry the air as it passes through the drying agent. The air then passes through a 3 µm air filter element to remove any solid contamination particles.

Thanks to the spring-loaded check valves with an opening pressure of 0,01 bar / .15 PSI, the drying agent will be isolated from the atmosphere unless inhaling or exhaling, which increases the lifetime of the Desiccant Air Breather SDB-CV as well.

As moisture is absorbed, the drying agent will gradually change from blue to pink. When it is pink, replace the drying agent. If required, an optional visual indicator gives an indication of the status of the air breather. With the moisture absorbed, the oxidation process can be decreased and the lifetime of the oil and the entire machinery will be extended.

### Features

- Available in 3 different sizes with diameter of Ø68 mm / Ø2.68 in, Ø100 mm / Ø3.94 in or Ø130 mm / Ø5.12 in
- Standard with Camlock connections
- Equipped with spring-loaded check valves in opposing directions with an opening pressure of 0,01 bar / .15 PSI
- Refillable with drying agent (non-toxic ZR gel grain) or a mix of drying agent and active carbon
- Replaceable air filter element SGB
- Connection: BSP thread (ISO 228)
- Operating temperature range:
  - 40 °C ... +90 °C / -40 °F ... +194 °F