

Maintenance Instructions for Particle and Desiccant Breather Type SDB



To secure optimum efficiency from the STAUFF Particle and Desiccant Breather, please read this Instructions carefully and follow the instructions.

Installation

- remove the vacuum bag
- remove the plastic plug from the stud
- remove the seal sticker from the bottom
- install the desiccant breather on the reservoir

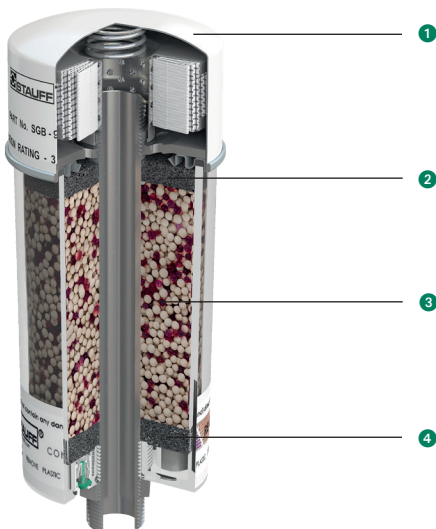
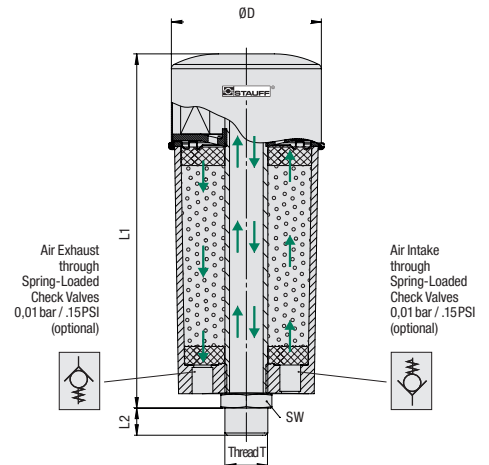
Indication

A change in the color of the desiccant material from red to orange in the standard version indicates that it needs to be replaced. Saturated Drying Agent, as well as the screw-on spin-on element, should be replaced after a pre-set service and during the regular maintenance interval or upon indication of the filter minder..



Dimensions and Technical Data

Type	Thread T	Dimensions (mm/in)				Weight (g/lbs)	Max. Water Absorption (g/lbs)	Air Breather Element			
		ØD	L1	L2	Hex			Complete Unit	Type	Filter Material	Micron Rating
SDB-093	G3/4 BSP Male (ISO 228)	98	160	18	32	1200	86	SGB-090-03-B	Inorganic Glass Fibre	3µm	0,70 m³/min
		3.86	6.30	.71	1.26	2.65	.19				24.71 cfm
SDB-093N	3/4 NPT Male (ANSI B1.20.1)	98	160	18	32	1200	86	SGB-090-03-B	Inorganic Glass Fibre	3µm	0,70 m³/min
		3.86	6.30	.71	1.26	2.65	.19				24.71 cfm
SDB-096	G3/4 BSP Male (ISO 228)	98	220	18	32	1500	172	SGB-090-03-B	Inorganic Glass Fibre	3µm	0,70 m³/min
		3.86	8.66	.71	1.26	3.31	.38				24.71 cfm
SDB-096N	3/4 NPT Male (ANSI B1.20.1)	98	220	18	32	1500	172	SGB-090-03-B	Inorganic Glass Fibre	3µm	0,70 m³/min
		3.86	8.66	.71	1.26	3.31	.38				24.71 cfm
SDB-121	G1-1/4 BSP Male (ISO 228)	130	258	25	50	2700	288	SGB-120-03-B	Inorganic Glass Fibre	3µm	1,50 m³/min
		5.12	10.16	.98	1.98	5.92	.63				52.97 cfm
SDB-121N	1-1/4 NPT Male (ANSI B1.20.1)	130	258	25	50	2700	288	SGB-120-03-B	Inorganic Glass Fibre	3µm	1,50 m³/min
		5.12	10.16	.98	1.98	5.92	.63				52.97 cfm
SDB-122	G1-1/4 BSP Male (ISO 228)	130	355	25	50	4000	576	SGB-120-03-B	Inorganic Glass Fibre	3µm	1,50 m³/min
		5.12	13.98	.98	1.98	8.82	1.27				52.97 cfm
SDB-122N	1-1/4 NPT Male (ANSI B1.20.1)	130	355	25	50	4000	576	SGB-120-03-B	Inorganic Glass Fibre	3µm	1,50 m³/min
		5.12	13.98	.98	1.98	8.82	1.27				52.97 cfm



Disassembly

Unscrew the spin-on element 1 by hand and then remove the black PUR filter disc 2. Pour out the saturated drying agent 3 and remove the lower black PUR filter disc 4.

Note: Pour out the saturated drying agent into a bucket or equivalent. Drying agent on the floor may cause accidents by slipping. Wear gloves, safety goggles and a mask as dust might appear.

Assembly

Replace the lower black PUR filter disc 4, refill the housing with the new drying agent 3, replace the upper black PUR filter disc 2, screw-on the new spin-on element 1 by hand.

Refill and Maintenance Kits

- for Size 093 and 096: **KIT-SDB-090-MAINTAIN**
- for Size 121 and 122: **KIT-SDB-120-MAINTAIN**

Maintenance Instructions for Particle and Desiccant Breather Type SDBL



To secure optimum efficiency from the STAUFF Particle and Desiccant Breather, please read this Instructions carefull and follow the instructions.

Installation

- remove the vakuu bag
- remove the plastic plug from the thread on the buttom
- remove the seal sticker from the bottom
- install the desiccant breather on the reservoir

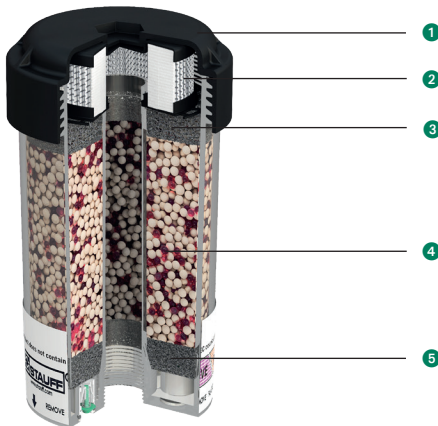
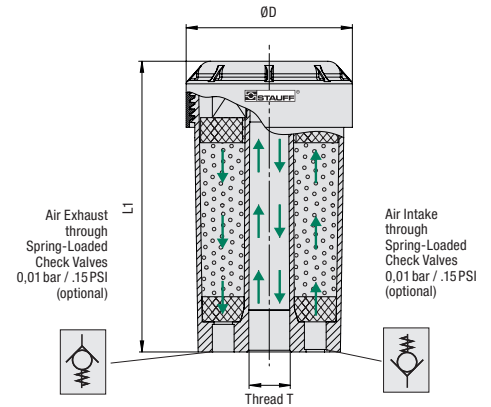
Indication

A change in the color of the desiccant material from red to orange in the standard version indicates that it needs to be replaced. Saturated Drying Agent, as well as the Air Breather element, which is placed under the plastic cap, should be replaced after a pre-set service and during the regular maintenance interval or upon indication of the filter minder..



Dimenensions and Technical Data

Type	Thread T	Dimensions (mm/in)		Weight (g/lbs) Complete Unit	Max. Water Absorption (g/lbs)	Air Breather Element			
		ØD	L1			Type	Filter Material	Micron Rating	Max. Air Flow Rate
SDBL-061	G3/8 BSP Female (ISO 228)	70,5	117,5	250	29	LUF-SDBL-061/3-E-03	Inorganic Glass Fibre	3µm	0,05 m³/min
		2.78	4.63	.55	.06				1.77 cfm
SDBL-093	G3/4 BSP Female (ISO 228)	99	119,5	500	86	LUF-SDBL-093/3-E-03	Inorganic Glass Fibre	3µm	0,70 m³/min
		3.90	4.70	1.10	.19				24.71 cfm
SDBL-096	G3/4 BSP Female (ISO 228)	99	174,5	770	172	LUF-SDBL-096/3-E-03	Inorganic Glass Fibre	3µm	0,70 m³/min
		3.90	5.81	1.70	.38				24.71 cfm
SDBL-121	G 1-1/4 BSP Female (ISO 228)	129	204,5	1380	288	LUF-SDBL-121/3-E-03	Inorganic Glass Fibre	3µm	1,50 m³/min
		5.08	8.05	3.04	.63				52.97 cfm
SDBL-122	G 1-1/4 BSP Female (ISO 228)	129	322,5	2300	576	LUF-SDBL-122/3-E-03	Inorganic Glass Fibre	3µm	1,50 m³/min
		5.08	12.70	5.07	1.27				52.97 cfm



Disassembly

Unscrew the the black cap ① by hand and then remove the Air Breather element ② and the black PUR filter disc ③. Pour out the saturated drying agent ④ and remove the lower black PUR filter disc ⑤.

Note: Pour out the saturated drying agent into a bucket or equivalent. Drying agent on the floor may cause accidents by slipping. Wear gloves, safety goggles and a mask as dust might appear.

Assembly

Replace the lower black PUR filter disc ⑤, refill the housing with the new drying agent ④, replace the upper black PUR filter disc ③ and place the Air Breather element ② screw-on the black cap ① clockwise by hand or hex wrench with torque: 6 (2 Nm).

Note: Use hex wrench perpendicular, carefully and do not exceed a torque of 15Nm by using a hex-wrench. Screw-on the black cap by hand is recommended.

Refill and Maintenance Kits

- for Size 061: **KIT-SDBL-060-MAINTAIN**
- for Size 093 and 096: **KIT-SDBL-090-MAINTAIN**
- for Size 121 and 122: **KIT-SDBL-120-MAINTAIN**