

Technical data

Air breathers & Filler plugs

Metal air breather filter

Flow rate up to 2500 l/min

SA is a range of metal air breathers for protection of the tank against the solid contamination contained into the air.

They are usually directly fitted on the tank. The robust design allows the use of these filters in any heavy-duty application.

Available features:

- Male threaded connections up to 2 1/2", for a maximum flow rate of 2500 l/min
- Replaceable filter element
- Fine cellulose filtration, to get a good cleanliness level into the reservoir
- Polyester media is an option for heavy environmental conditions (high humidity, sand ...)

Common applications:

- Mobile machines (construction and agriculture machines)
- Industrial equipment

Flow rate Δp 0.02 bar

Filtration rating	Flow rate [l/min]	
	L03	L10
SA036	140	140
SA053	250	250
SA075	350	400
SA115	800	850
SA145	1800	1850
SA185	2300	2500

Materials

- Cover: Steel
- Connection: Anodized steel, Galvanized steel
- Filter element: Resin impregnate paper
- Screws: Galvanized steel
- Washer: Teflon
- Ring: Galvanized steel
- Seals: NBR

Temperature

From -25 °C to +100 °C

Weight

- SA 036 - 0.08 kg
- SA 053 - 0.15 kg
- SA 075 - 0.26 kg
- SA 115 - 0.40 kg
- SA 145 - 0.59 kg
- SA 185 - 1.22 kg



Designation & Ordering code

COMPLETE AIR BREATHER

Series and size							Configuration example : SA115 G1 L10 A P01				
SA036	SA053	SA075	SA115	SA145	SA185						
Connections to the tank											
	SA036	SA053	SA075	SA115	SA145	SA185					
G1	G 1/4"	G 1/4"	G 1/2"	G 1"	G 1 1/2"	G 2 1/2"					
G2	G 3/8"	G 3/8"	G 3/4"	-	-	-					
G3	G 1/2"	-	-	-	-	-					
G4	1/4" NPT	1/4" NPT	1/2" NPT	1" NPT	1 1/2" NPT	2 1/2" NPT					
G5	3/8" NPT	3/8" NPT	3/4" NPT	-	-	-					
G6	1/2" NPT	-	-	-	-	-					
Filtration rating											
L03	Resin impregnate paper		3 μ m								
L10	Resin impregnate paper		10 μ m								
S	Without filter element										
							Seals	A NBR		Execution	P01 MP Filtri standard
										Pxx Customized	

FILTER ELEMENT

Filter element series and size						Configuration example : A8 L10 P01		
A05	A5	A7	A8	A10	A11			
Filtration rating (filter media)								
L03	Resin impregnate paper		3 μ m					
L10	Resin impregnate paper		10 μ m					
						Execution	P01 MP Filtri standard	
								Pxx Customized