

SAP 054-075 series

Polyamide air breather filter

SA series

Metal air breather filter



Technical data

Air breathers & Filler plugs

Polyamide air breather filter

Flow rate up to 400 l/min

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

They are directly fitted on the tank.

Available features:

- Male threaded connections up to 3/4", for a maximum flow rate of 400 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

	Flow rate [l/min]	
	Filtration rating	
SAP054	L03	L10
SAP075	350	400

Materials

- Cover: Polyamide
- Connection: Polyamide
- Filter element: Resin impregnated paper

Temperature

From -25 °C to +100 °C

Weight

SAP 054 - 0.06 kg

SAP 075 - 0.15 kg



Designation & Ordering code

COMPLETE AIR FILTER

Series and size

SAP054

SAP075

Configuration example: **SAP054** **G2** **L10** **A** **P01**

Connections

	SAP054	SAP075
G1	G 3/8"	G 1/2"
G2	G 1/2"	G 3/4"

Filtration rating

L03 Resin impregnated paper 3 µm

L10 Resin impregnated paper 10 µm

Seals

A NBR

Execution

P01 MP Filtri standard

Pxx Customized

FILTER ELEMENT

Filter element series and size

A4 SAP054

A7 SAP075

Configuration example: **A4** **L10** **P01**

Filtration rating

L03 Resin impregnated paper 3 µm

L10 Resin impregnated paper 10 µm

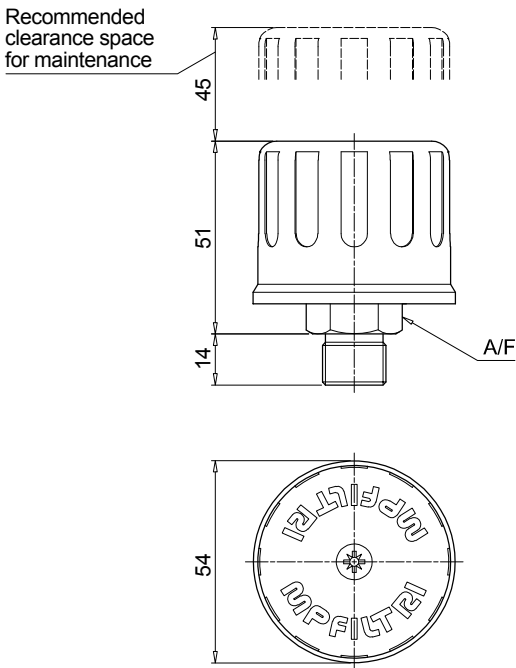
Execution

P01 MP Filtri standard

Pxx Customized

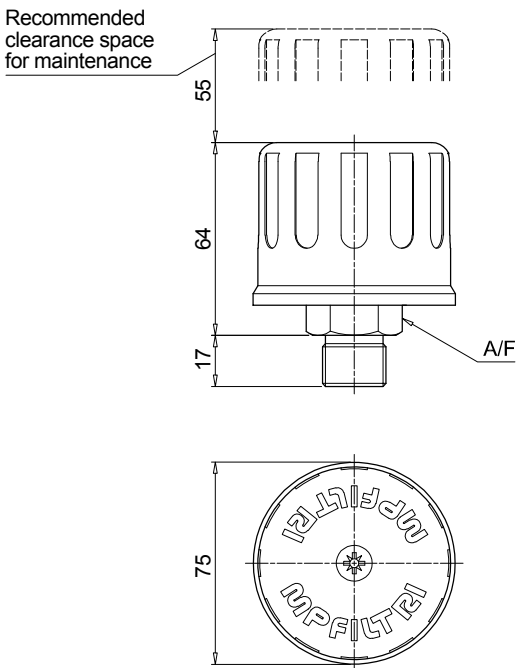
SAP054

Connections	A/F [mm]
G1	22
G2	27



SAP075

Connections	A/F [mm]
G1	27
G2	32



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 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

	Flow rate [l/min]	
	Filtration rating	
	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 impregnated 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

SA036 | SA053 | SA075 | SA115 | SA145 | SA185

Configuration example: **SA115** **G1** **L10** **A** **P01**

Connections

	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 impregnated paper	3 µm
L10	Resin impregnated paper	10 µm
S	Without filter element	

Seals

A NBR

Execution

P01 MP Filtri standard

Pxx Customized

FILTER ELEMENT

Filter element series and size

A05 | A5 | A7 | A8 | A10 | A11

Configuration example: **A8** **L10** **P01**

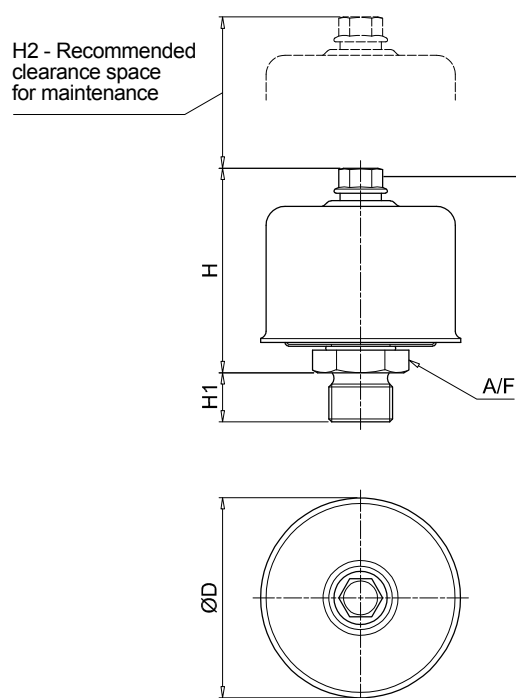
Filtration rating

L03	Resin impregnated paper	3 µm
L10	Resin impregnated paper	10 µm

Execution

P01 MP Filtri standard

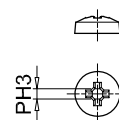
Pxx Customized



Type of bolt/nut

Phillips:

SA036

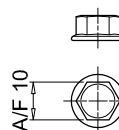
**Hexagonal:**

SA053

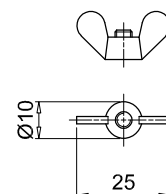
SA075

SA115

SA145

**Wings:**

SA185



Type	Connections	ØD [mm]	H [mm]	H1 [mm]	H2 [mm]	A/F [mm]
036	G1 ÷ G6	36	37	13	30	22
053	G1-G2-G4-G5	53	53	13	50	22
075	G1	75	69	13	60	27
	G2			17		32
	G4			15		27
	G5			20		32
115	G1 - G4	115	80	17	70	38
145	G1 - G4	145	115	25	100	55
185	G1 - G4	185	164	25	150	90