

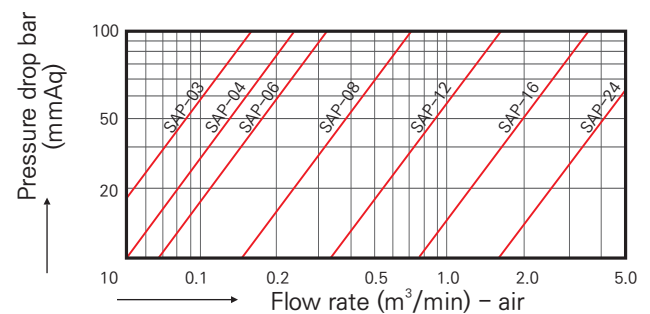
Specifications

- SAP Air Breather is installed on the top cover of the reservoir.
- Port size $\frac{3}{8}$ " ~ 10" needs PT female thread on the top cover for installation.
- Simple design and easy replacement.
- Filtration is 40Micron standard and can be made from various materials according to order.
- SAP produces two products depending on the material.
 - SAP-(03~16)-PP : Plastic Cap + Plastic Body
 - SAP-(03~16)-SA : Steel Cap + Aluminum Body (up to 2" for plastic cap and body)
- KS-5K Flange (JIS5K-FF) for SAP-F
- Max. working temperature 80°C.

Option

- Available various filtration.
- Available STS

Pressure Drop Curve



SAP Air Breather Filter

Part Number	Thread	D (mm)	H (mm)	H1 (mm)	Air flow (m ³ /min)
N SAP-03S-PP	PT $\frac{3}{8}$ "	50	60	36	0.08
SAP-03	PT $\frac{3}{8}$ "	76	64	46	0.10
SAP-04	PT $\frac{1}{2}$ "	76	78	46	0.15
SAP-06	PT $\frac{3}{4}$ "	76	83	46	0.20
SAP-08	PT 1"	100	88	61	0.40
SAP-10	PT $1\frac{1}{4}$ "	100	100	61	0.65
SAP-12	PT $1\frac{1}{2}$ "	116	112	73	0.90
SAP-16	PT 2"	131	116	84	2.00
SAP-20	PT $2\frac{1}{2}$ "	174	125	98	4.00
SAP-24	PT 3"	174	125	98	4.00
SAP-32	PT 4"	222	155	115	6.00
R SAP-40	PT 5"	270	265	205	10.00
R SAP-48	PT 6"	330	265	220	10.00
R SAP-64	PT 8"	330	290	220	14.00
SAP-80	PT 10"	370	335	270	18.00

※ Non-standard products available to order

SAP-I Air Breather Filter

Part Number	Thread	D (mm)	H (mm)	H1 (mm)	Air flow (m ³ /min)
SAP-I-32-SA	PT 4"	222	155	115	6.00
R SAP-I-40-SA	PT 5"	270	265	205	10.00
R SAP-I-48-SA	PT 6"	330	265	220	10.00
R SAP-I-64-SA	PT 8"	330	265	220	14.00
SAP-I-80-SA	PT 10"	370	335	270	18.00

SAP-F Air Breather Filter

Part Number	Connection Flange	D (mm)	H (mm)	H1 (mm)	Air flow (m ³ /min)
R SAP-F-32	KS-5K-100A	330	335	220	6.00
R SAP-F-40	KS-5K-125A	330	335	220	10.00
R SAP-F-48	KS-5K-150A	330	335	220	10.00
SAP-F-64	KS-5K-200A	370	375	270	14.00
SAP-F-80	KS-5K-250A	460	405	270	18.00