

Schroeder offers high quality breathers to effectively combat the ingression of airborne contamination and moisture, therefore increasing the efficiency and reliability of the system.

Available breather series are ABF, PAB, SAB, and D-AB. Many are available with filler strainer, dipstick, indicator and check/relief valve options. The ABC air breather check can takes the guesswork out of when to change your breather.

ABE-3/10 ABF-3/10-M-P12 ABF-S40 ABF-S40-M-P12 MBF-3-M-P20 MBF-10-M-P20

Features and Benefits

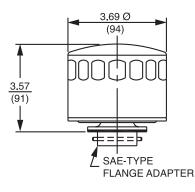
- Durable metal housing
- Optional filler strainer
- Large pleated surface areas offers high dirt holding and air flow capacity
- NPT or Flange adapter available
- Available with three micron rating

Model Number	A	В	Adapter Type	Minimal Micron Retention	Max Flow Rate	Air Flow/ psi Drop
ABF-3/10 ABF-3/10-M-P12	3.69 (94)	4.28 (109)	.75" NPT Nylon .75" NPT Steel	3 3	40 SCFM	0.4 psi at 20 SCFM- 1.25 psi at 40 SCFM
ABF-S40 ABF-S40-M-P12	3.69 (94)	4.28 (109)	.75" NPT Nylon .75" NPT Steel	40 40	40 SCFM	0.29 psi at 20 SCFM- 1.06 psi at 40 SCFM
MBF-3-M-P20 MBF-10-M-P20	5.06 (128)	8.31 (211)	1.25" NPT Steel	3 10	200 SCFM	0.3 psi at 70 SCFM- 1.25 psi at 200 SCFM

SCFM = Standard Cubic Feet per Minute

ABF-3/10-F ABF-S40-F

These breathers are designed for retrofit on hydraulic reservoirs using the SAE-type flange fill port assembly.



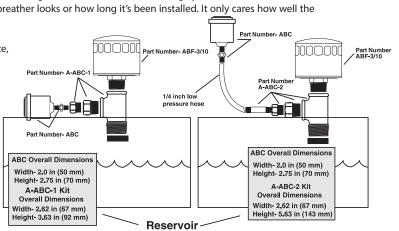
В

Breathers with Flange **Adapters**



The Air Breather Check (ABC) takes the guesswork out of when to change your air breather because it doesn't care how dirty the air breather looks or how long it's been installed. It only cares how well the

breather is working. The air breather check is calibrated in inches of water and will activate, providing a visual indication, when a vacuum equivalent of 15 inches of water (3.75 kPa) is reached. The ABC can be reset simply by depressing the yellow button and used over and over again.



Air **Breathers**

Air Breathers

Breathers with **NPT** Adapters



Specifications

Air Breather Check (ABC) An Indicator For Your Air Breather



ABF-3/10-S

ABF-3/10-S6

Filler Breather with Strainer

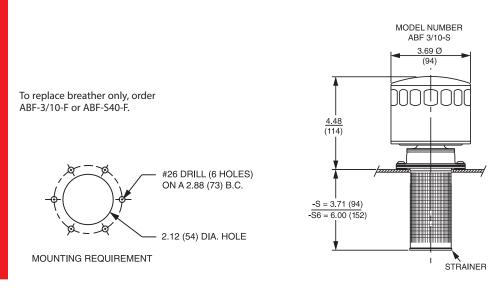
The strainer used here is #24 mesh and is available in the lengths shown.

Model Number	Adapter Type	Minimal Micron Retention	Max Flow Rate	Air Flow/ psi Drop
ABF-3/10-S ABF-3/10-S6	SAE-type flange	10 10	40 SCFM	0.4 psi at 20 SCFM - 1.25 psi at 40 SCFM
ABF-S40-S ABF-S40-S6	SAE-type flange	40 40	40 SCFM	0.29 psi at 20 SCFM - 1.06 psi at 40 SCFM

ABF-S40-S

ABF-S40-S6

SCFM = Standard Cubic Feet per Minute



Features and Benefits

- Durable synthetic Nylon 6 housing
- Phenolic resin impregnated filter element
- Standard Buna N O-Ring

<u>2.76</u> (70)

> 0.79 (20) 0.63 (16)

0.08 (2)

<u>6.10</u> (155)

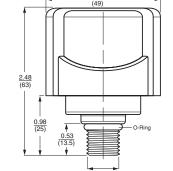
Available with anti-splash or relief valve

2.17

1.93 (49)

(23) 1.10 (28) 2.01 (51)

- Optional customer logo (contact factory)
- Optional dipstick (contact factory)

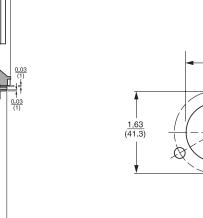


1.18 (30)

G

 $\frac{0.18}{(4.5)}$

1.93

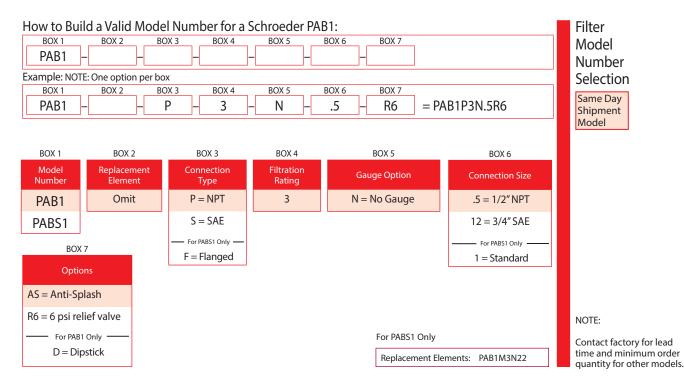




PABS1 Breather

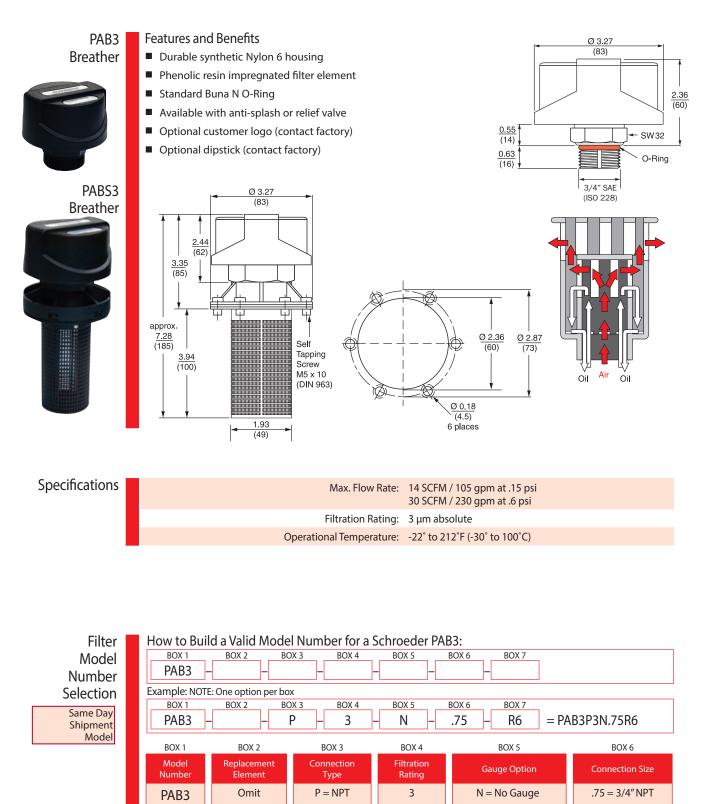


Max. Flow Rate: 7 SCFM / 51 gpm at .15 psi 13 SCFM / 100 gpm at .6 psi	Specifications
Filtration Rating: 3 µm absolute	
Operational Temperature: -22° to 212°F (-30° to 100°C)	



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Air Breathers



S = SAE

For PABS3 Only

F = Flanged

12 = 3/4'' SAE

For PABS3 Only

1 = Standard

For PABS3 Only

Replacement Elements: PAB3M3N42



Contact factory for lead time and minimum order quantity for other models.

R6 = 6 psi relief valve

For PAB3 Only

PABS3

BOX 7

Options

AS = Anti-Splash

Features and Benefits

Standard Buna N O-Ring

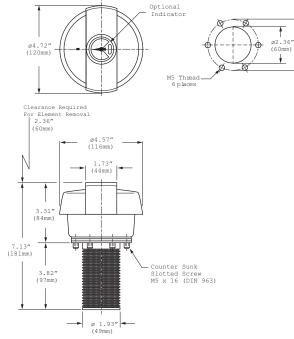
Optional differential gauge

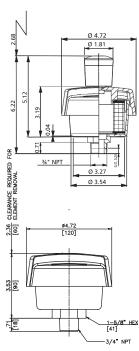
Durable synthetic Nylon 6 housing Phenolic resin impregnated filter element

Optional customer logo (contact factory)

Air Breathers

Air Breathers PABR7 **Breather** <u>Ø 4.72</u> (120) Integrated anti-splash insert for PABR7 only

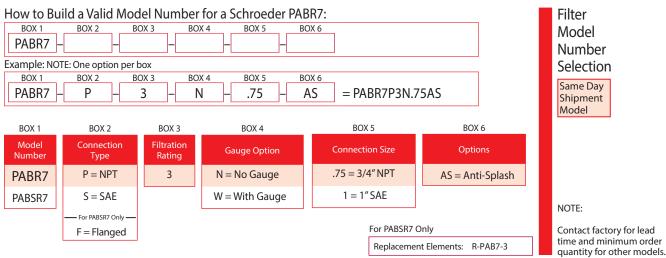






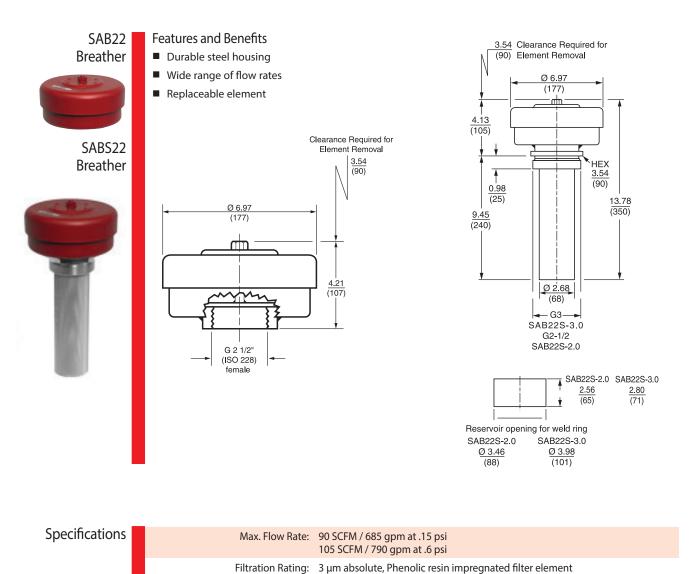
Max. Flow Rate:	35 SCFM / 260 gpm at .15 psi 64 SCFM / 475 gpm at .6 psi	Specifications
Filtration Rating:	3 µm	
Operational Temperature:	-22° to 212°F (-30° to 100°C)	
Range of Indication:	0.5 psi	

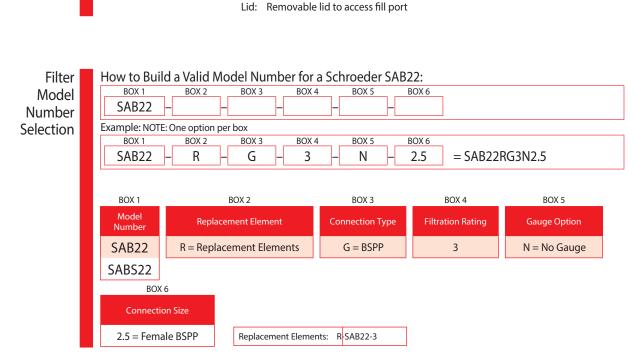
ø2.87 (73mm



time and minimum order

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G2 1/2" female thread

Connection:

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BOX 6

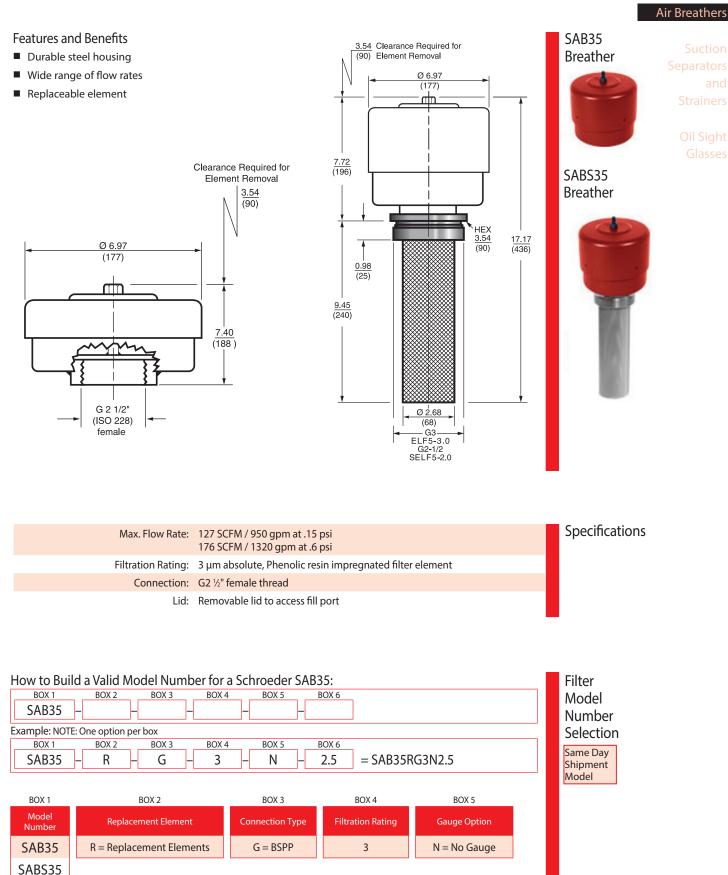
Connection Size

2.5 = Female BSPP

Replacement Elements:

R-SAB22-3 (2 per breather)

Air Breathers



NOTE: Contact factory for lead time and minimum orde

time and minimum order quantity for other models.

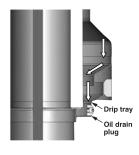
SAB70 Breather

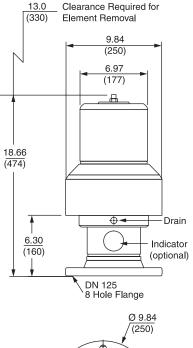
Features and Benefits

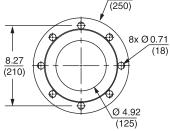
- Ideal for large reservoir with high return flow
- Durable steel housing
- Replaceable element
- Unique Oil Mist Trap design
- Optional pressure indicator

Oil Mist Trap

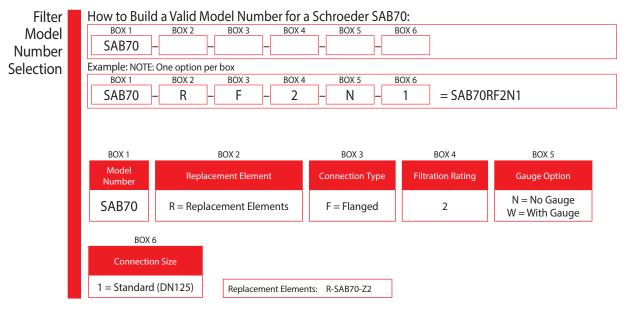
The oil mist in the filter is collected in a "drip tray"and is returned safely to the tank, or it can be drained via an oil drain plug.







Specifications		340 SCFM / 2560 gpm at .15 psi 528 SCFM / 3960 gpm at .6 psi
	Filtration Rating:	2 μm Excellement Z-Media
	Connection:	8 bolt DN 125 flange



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