

Filtro de línea principal (AFL)

Main Line Filter (AFL)



La serie 150-550 se puede combinar con otros equipos modulares.

La serie AFL instalada en la línea principal mejora la función del post-secador, extiende la vida útil esperada del filtro de precisión y previene problemas de maquinaria al eliminar impurezas como humedad y sustancias extrañas del aceite del aire comprimido.

The 150-550 series can be combined with other modular equipment.

The AFL series installed in the main line improves the function of the after dryer, extends the expected life of the precision filter and prevents machinery problems by removing impurities such as moisture and foreign substances from the compressed air oil.

How to order

AFL 350 - 03 BD - MeP - S

- ① Main Line Filter
- ② Body Size
 - 150 - 1/8
 - 250 - 1/4
 - 350 - 1/2
 - 450 - 3/4
 - 550 - 1
 - 650 - 1 1/2
 - 850 - 2
- ③ Thread type
 - Nil - Rc(PT)
 - N - NPT
 - G - G(PF)
- ④ Port Size

Symbol	Size	150	250	350	450	550	650	850
01	1/8	●						
02	1/4	●	●					
03	3/8		●	●				
04	1/2			●				
06	3/4				●	●		
10	1					●		
12	1 1/4						●	
14	1 1/2						●	●
20	2							●
- ⑤ Accessory(Optional)
 - Nil - None Bracket / Manual Drain
 - B - Bracket
 - D - Auto Drain

Symbol	Drain connector	Material
D	One-touch fitting(Φ6mm)	Acetal
Dn	Nipple(PT 1/8)	Brass
- ⑥ Bowl
 - Nil - Metal bowl with flat type sight glass(MeF)
 - PcS - Polycarbonate bowl with Steel guard
 - MeP - Metal bowl with pipe type sight glass

Note) 150 and 250 are the integral cover and bowl(MeF type).
- ⑦ Option
 - Nil - None
 - S - Differential Pressure Indicator

Symbol

www.rsmation.com, Info@rsmation.com



Specification

Fluid	Compressed Air
Max. operating pressure	10bar (1.0MPa)
Min. operating pressure	1.5bar (0.15MPa)
Max. supply pressure	15bar (1.5MPa)
Ambient and Media temp.	5 ~ 60℃
Filtration	1μm (Filtration efficiency: 99%)
Life of element	When pressure drop reached at 1bar

Precautions

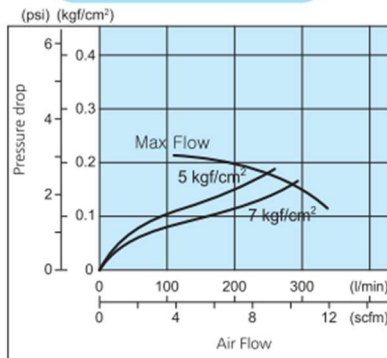
- ① Filter element should be changed after 2years of use or when pressure drop reached at 1bar(0.1MPa).
- ② When auto drain is used, drain piping should be both 4mm or greater in diameter and less than 1m in length. Avoid installing drain piping upwards.
- ③ When auto drain is used it is recommended to use at least 1.5bar pressure.
- ④ When auto drain is inoperable, drain manually by pushing the one-touch fitting upward.
- ⑤ Before disassembling the equipment on the compressed air side to inspect the auto drain or to replace the filter element, confirm that the pressure is set to zero.
- ⑥ Please consult with SKP when using the product in applications other than compressed air.

FLOW CHARACTERISTICS

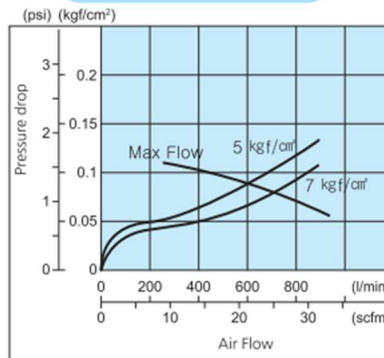
Oil saturated state of element

Note : If compressed air is above max. flow, main line filter cannot be operated well or element may be damaged.

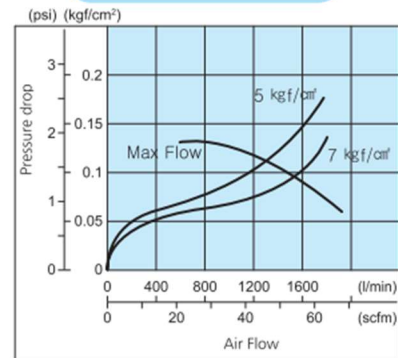
AFL 150



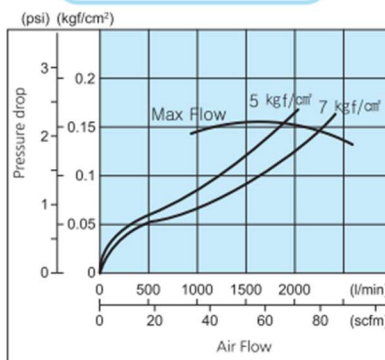
AFL 250



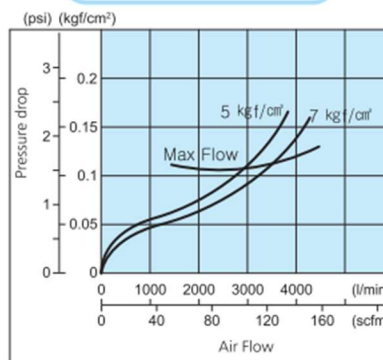
AFL 350



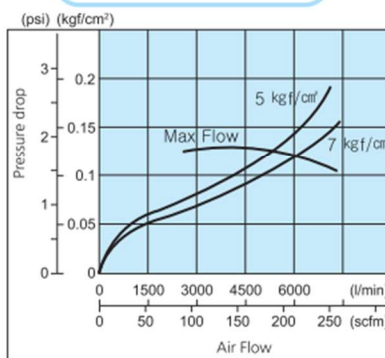
AFL 450



AFL 550



AFL 650



AFL 850

