

Water Separator (AMG)

Separador de Agua (AMG)



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

El filtro Serie AMG tiene como objetivo eliminar las gotas de agua hasta en un 99% en la zona de entrada de los equipos de maquinaria neumática y en la última etapa de uso del aire en la sala de trabajo.

La serie AMG es eficaz en lugares como

1. No tiene que estar tan seco como el secador de aire.
2. No se puede instalar un secador de aire debido a su restricción.

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

The AMG Series filter aims to eliminate water droplets by up to 99% in the inlet area of pneumatic machinery equipment and in the last stage of air use in the work room.

The AMG series is effective in places like

1. It doesn't have to be as dry as the air dryer.
2. You cannot install an air dryer due to its restriction

www.rsmation.com, Info@rsmation.com

How to order

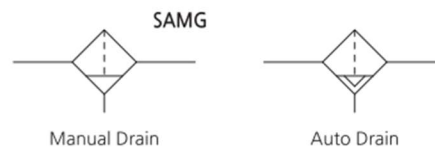
AMG 350 - 03 BD - MeP - S

- Water Separator**
- Body Size**
 - 150 - 1/8"
 - 250 - 1/4"
 - 350 - 1/2"
 - 450 - 3/4"
 - 550 - 1"
 - 650 - 1 1/2"
 - 850 - 2"
- Thread type**
 - Nil - Rc(PT)
 - N - NPT
 - G - G(PF)
- 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"							●
- 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
- Bowl**
 - Nil - Metal bowl with flat type sight glass(MeF)
 - PcS - Polycarbonate bowl with Steel guard
 - MeP - Metal bowl with pipe type sight glass
 - N - 150 and 250 are the integral cover and bowl(MeF e).
- Option**
 - Nil - None
 - S - Differential Pressure Indicator

Symbol



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℃
Removal rate of water	99%
Life of element	When pressure drop reached at 1bar

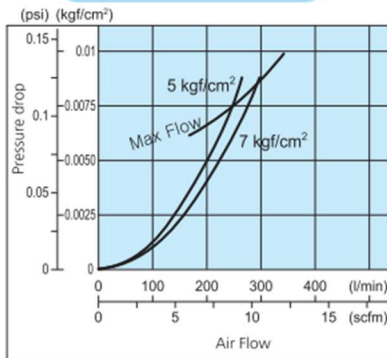
Precautions

- ① Water separator can remove water droplets, but it cannot remove moisture.
- ② Filter element should be changed after 2years of use or when pressure drop reached at 1bar(0.1MPa).
- ③ 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.
- ④ When auto drain is used it is recommended to use at least 1.5bar pressure.
- ⑤ When auto drain is inoperable, drain manually by pushing the one-touch fitting upward.
- ⑥ 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.

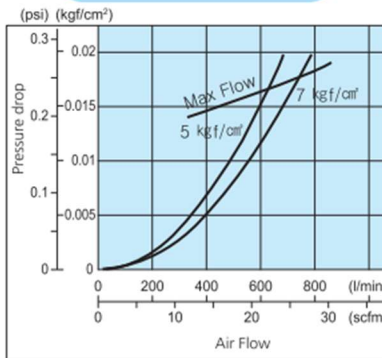
FLOW CHARACTERISTICS

Note : If compressed air is above max. flow, water separator cannot operate well.

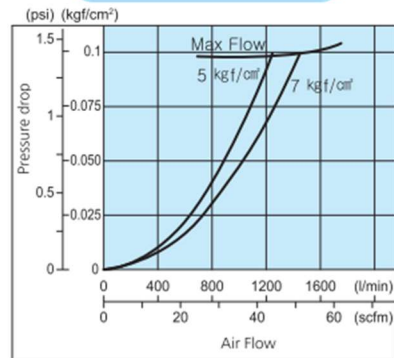
AMG 150



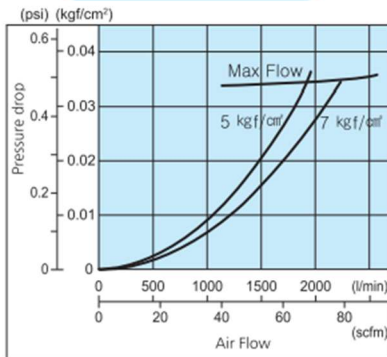
AMG 250



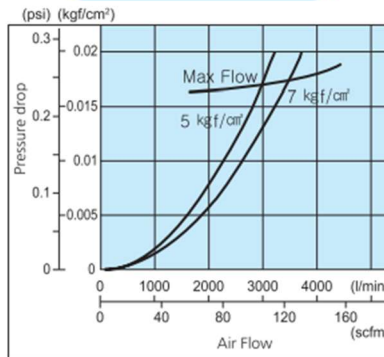
AMG 350



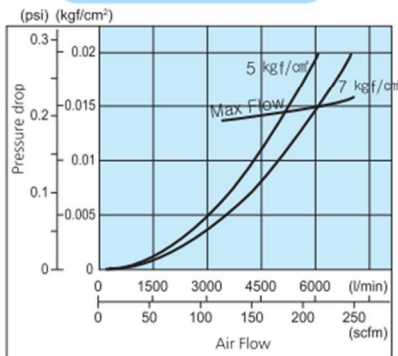
AMG 450



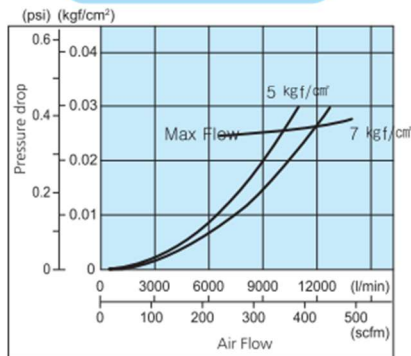
AMG 550



AMG 650



AMG 850



■ Replacement Parts

(mm)

No.	PARTS	Part No. & Size(Φ x Height)						
		AMG-EL150	AMG-EL250	AMG-EL350	AMG-EL450	AMG-EL550	AMG-EL650	AMG-EL850
④	Filter	45 x 42	58 x 52.5	70 x 77	82 x 87	95 x 117	122 x 144	130 x 260

■ Sectional drawing (SAMG Filter)

