

Modular Connection Type

Compressed Air Preparation Filter

RoHS

New

- Sizes 50 and 60 have been added.
- An element service indicator has been added.*1

*1 Excludes the AMK

Compressed Air Purity Class ISO 8573

Solid/Oil Separation

Line Filter *AFF Series*

1 μ m

Water droplet removal

Mist Separator *AM Series*

0.1 μ m

Oil mist separation and removal

Micro Mist Separator *AMD Series*

0.01 μ m

Oil mist separation and removal

Decolorization

Activated Carbon Filter *AMK Series*

Oil concentration
0.003 mg/m³

Oil vapour and odour removal

Flow capacity l/min (ANR)

20	Up to 300
30	Up to 750
40	Up to 1500
New 50	Up to 2200
New 60	Up to 3700

Weight reduced by 50 % p. 3

AFF/AM/AMD20-D: 0.19 kg (Existing model: 0.38 kg)

Modular connection is possible. p. 1

Face-to-face and depth dimensions reduced by 30 %

AFF/AM□30-D: □53 mm (Existing model: □76 mm)



New



New With element service indicator



AFF/AM/AMD/AMK Series

SMC

CAT.EUS30-22C-UK

Reduced pressure drop contributes to energy saving.

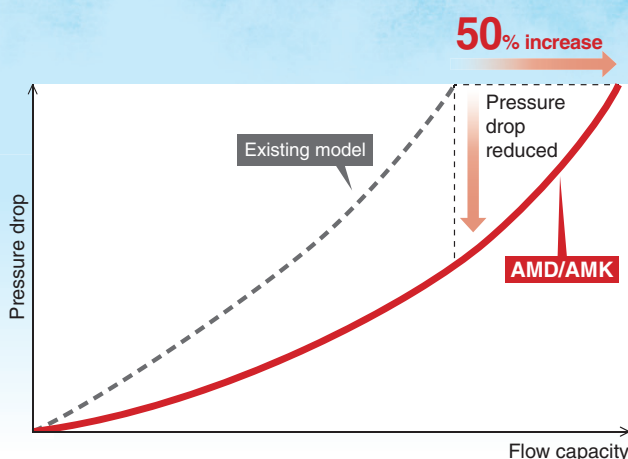
Flow capacity

3700 l/min (ANR)

Pressure drop

Max. 50 % reduction

AMD40: 6.8 kPa (Existing model AMD350C: 13.6 kPa)
AMK40: 4.7 kPa (Existing model AMF350C: 9.4 kPa)



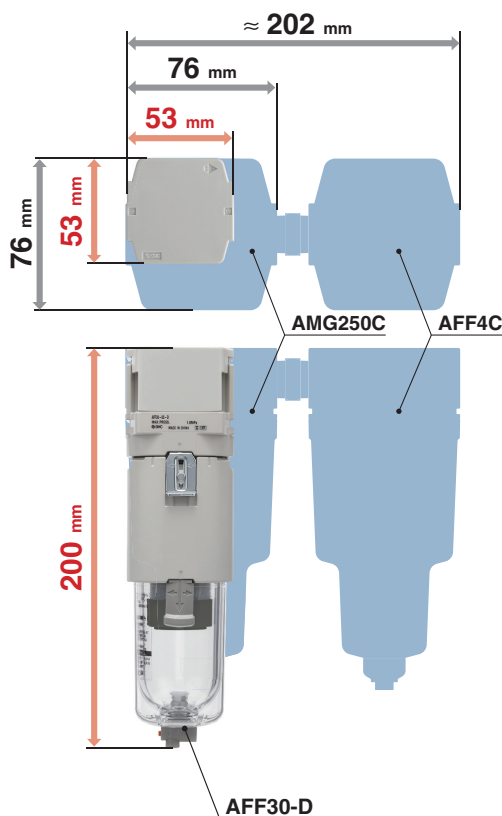
Space-saving design and reduced piping labor

AFF Series

	AMG250C + AFF4C	AFF30-D	
Face-to-face dimension	≈ 202 mm	53 mm	Approx. 150 mm reduction

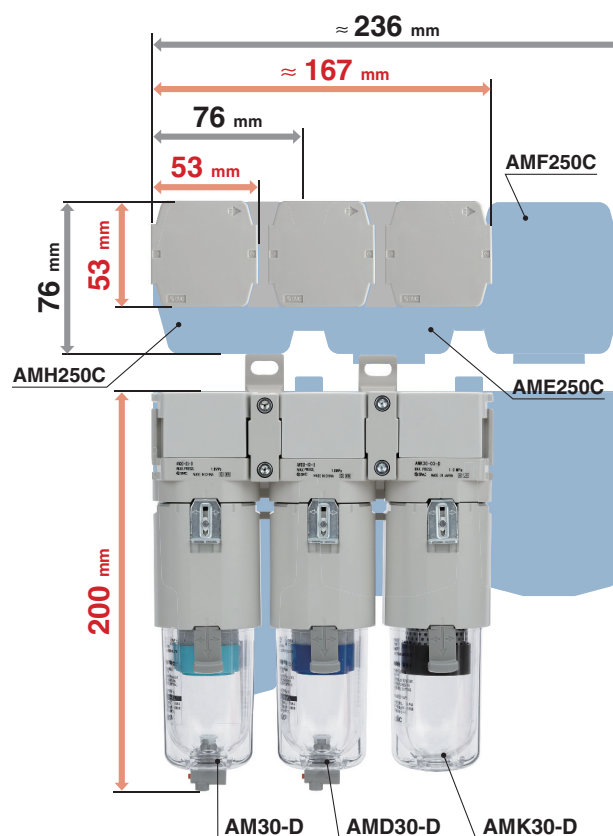
The AFF series line filter removes both water droplets and solid particles. It eliminates*1 the need for a separate filter for removing water droplets (water separator, AMG series), thus greatly reducing the face-to-face dimension and also reducing the required installation space and piping work.

*1 When used within the product's specification range



Modular connection (AM + AMD + AMK)

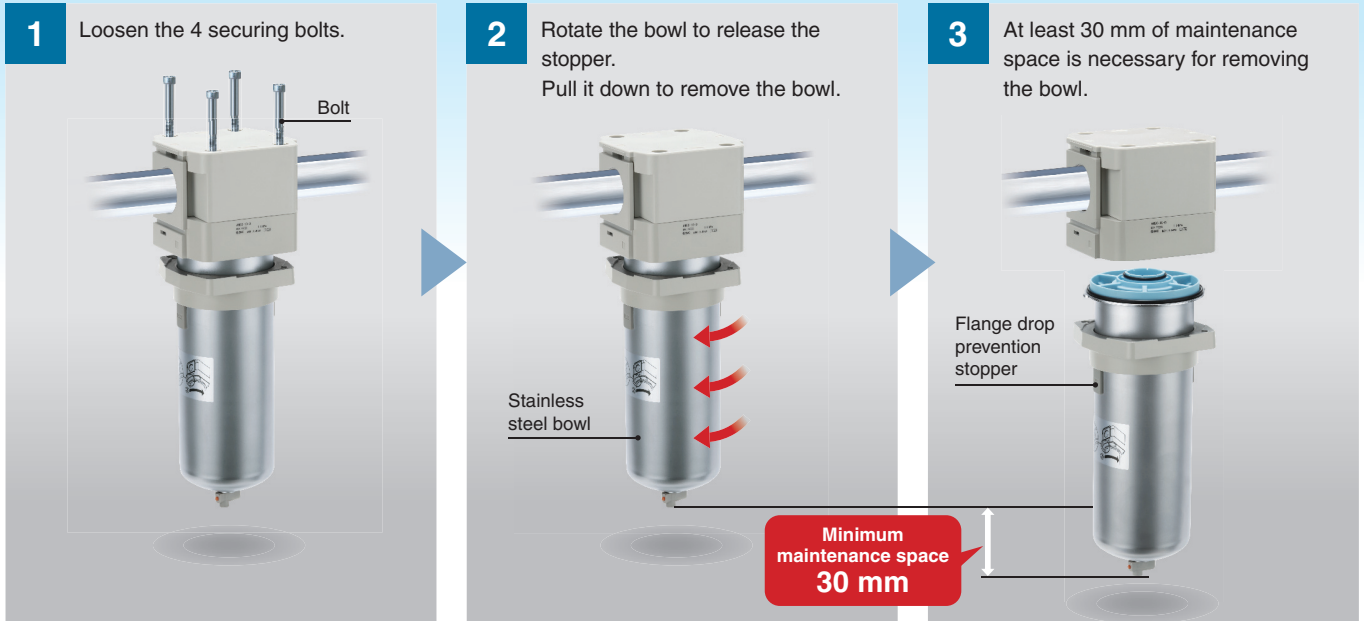
	AMH250C + AME250C + AMF250C	AM30-D + AMD30-D + AMK30-D	
Face-to-face dimension	≈ 236 mm	≈ 167 mm	Approx. 69 mm reduction
Weight	1.51 kg	1.17 kg	23 % reduction
Flow capacity	500 l/min (ANR)	750 l/min (ANR)	50 % increase



Easier replacement of the element

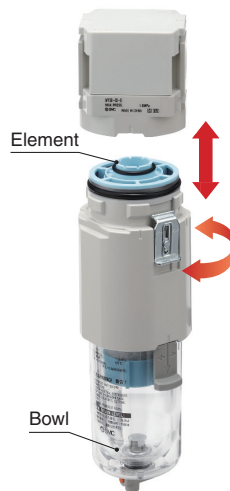
Size 50/60 **The stopper function prevents the bowl from falling.**

The bowl will not fall even if the bolts are loosened. It is not necessary to hold the bowl when removing the bolts. Safe and secure mounting and removing of the bowl with both hands is possible. The lightweight stainless steel bowl with reduced thickness allows for easier element replacement.

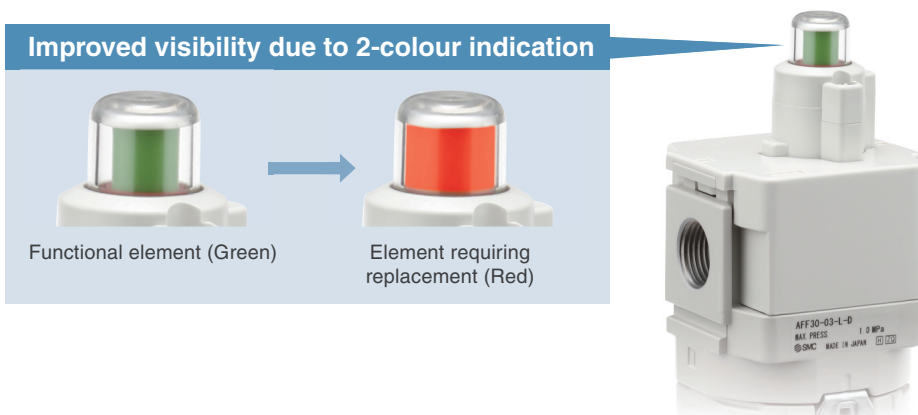


Size 20 to 40 **No tools are required.**

Easy replacement of the element is possible as the element and the bowl are in one piece. Replacement can be done in hand.



New The time for replacement can be checked visually.



Lightweight

Weight

Max. 50 % lighter*1

0.19 kg ← 0.38 kg

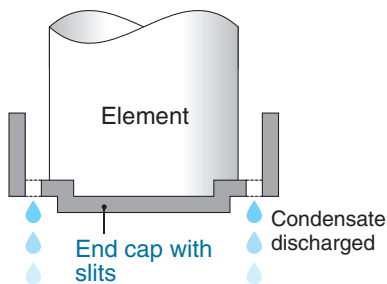
*1 Compared with existing products (AFF□C, AM□C, and AMD□C series)

*2 Compared with existing products (AMF□C series)

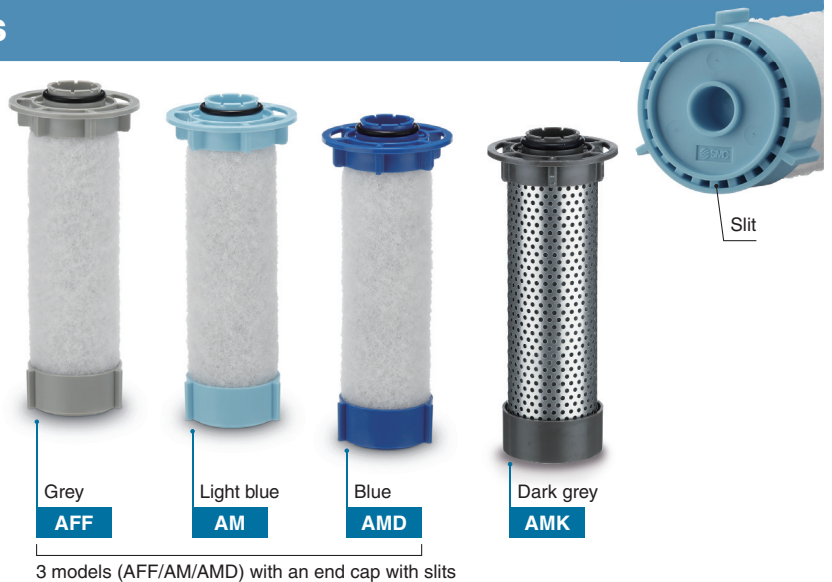
Series	Size	Weight [kg]	Reduction rate [%]
AFF/AM/AMD*1	20	0.19 ← 0.38	50
	30	0.39 ← 0.55	29
	40	0.79 ← 0.9	12
	New 50	1.23 ← 1.4	12
	New 60	1.46 ← 2.1	30
AMK*2	20	0.19 ← 0.3	37
	30	0.39 ← 0.48	19
	40	0.79 ← 0.8	1.3
	New 50	1.25 ← 1.3	4
	New 60	1.50 ← 2.0	25

Colour-identifiable elements

This eliminates the accumulation of condensate. Even high-velocity fluid is not spattered. The result is a compact bowl design.

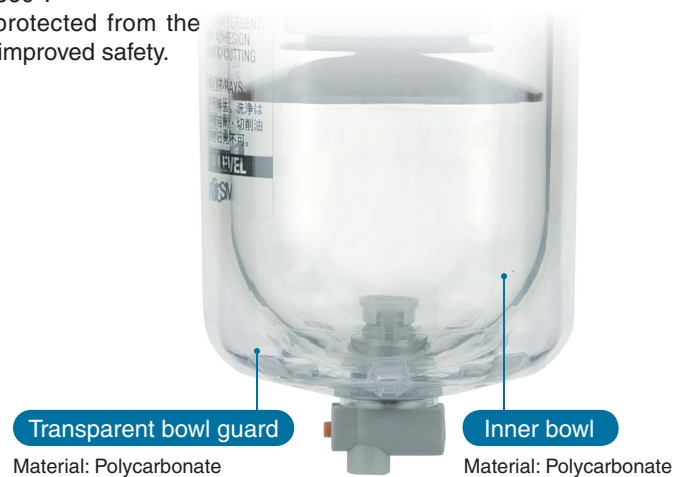


Condensate is not accumulated, so no water flows to the downstream side.







Transparent bowl guard (2-layer construction)*1

- The inside is visible from 360°.
- The bowl is completely protected from the environment, allowing for improved safety.



*1 Size 20 to 40 only

Variations

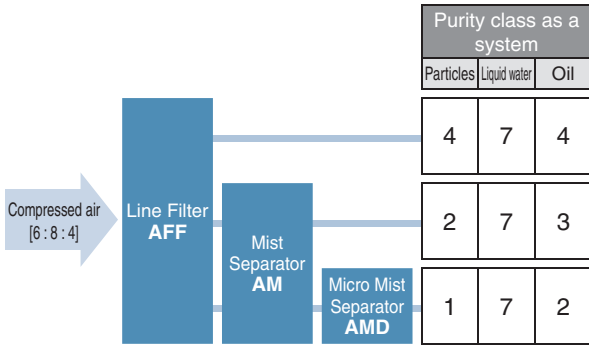
Series	Size	Port size						Flow capacity l/min (ANR)	Option/ Accessory
		1/8	1/4	3/8	1/2	3/4	1		
AFF Series <small>p. 6</small> Line Filter Large dust particle filtration, Water droplet separation Water droplet removal ratio: 99% Nominal filtration rating: 1 µm [Filtration efficiency: 99 %] 	20	●	●					300	
	30		●	●				750	
	40		●	●	●			1500	
	New 50					●	●	2200	
	New 60						●	3700	
AM Series <small>p. 6</small> Mist Separator Dust filtration, Oil mist separation Nominal filtration rating: 0.1 µm [Filtration efficiency: 99 %] Oil mist concentration on the outlet side: Max. 1.0 mg/m ³ [= 0.8 ppm] 	20	●	●					300	
	30		●	●				750	
	40		●	●	●			1500	
	New 50					●	●	2200	
	New 60						●	3700	
AMD Series <small>p. 6</small> Micro Mist Separator Dust filtration, Oil mist separation Nominal filtration rating: 0.01 µm [Filtration efficiency: 99.9 %] Oil mist concentration on the outlet side: Max. 0.1 mg/m ³ [= 0.08 ppm] 	20	●	●					300	
	30		●	●				750	
	40		●	●	●			1500	
	New 50					●	●	2200	
	New 60						●	3700	
AMK Series <small>p. 18</small> Activated Carbon Filter Removes oil vapour and odour from compressed air Oil concentration on the outlet side: Max. 0.003 mg/m ³ [= 0.0025 ppm] 	20	●	●					300	Flow capacity increased by 50 % Existing model: 200 l/min (AMF150C)
	30		●	●				750	Flow capacity increased by 50 % Existing model: 500 l/min (AMF250C)
	40		●	●	●			1500	Flow capacity increased by 50 % Existing model: 1000 l/min (AMF350C)
	New 50					●	●	2200	Flow capacity increased by 10 % Existing model: 2000 l/min (AMF450C)
	New 60						●	3700	

· Bracket
· Auto drain

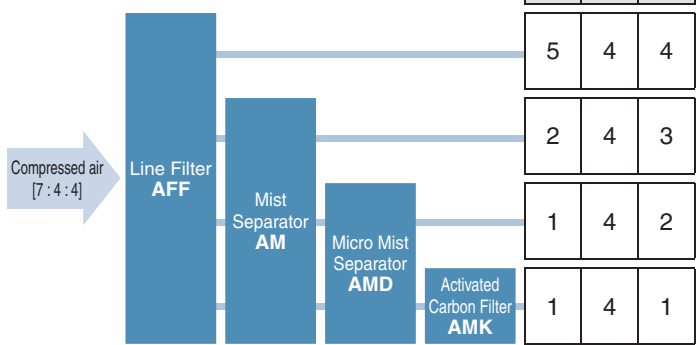
Compliant with ISO 8573 Compressed Air Purity Class

Systems which are in compliance with the degree of purity required for compressed air (For details → page 28)

System example 1)

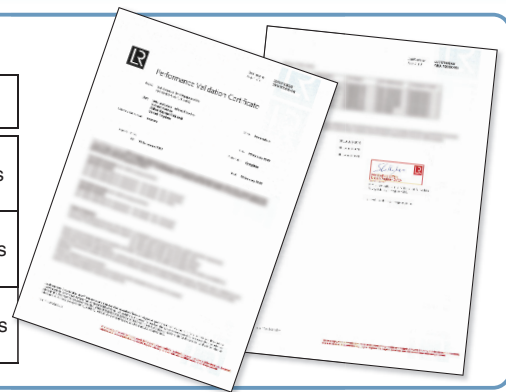


System example 2)



Certified by a third party organization

Contaminants	ISO 12500: Filters for compressed air – test methods	ISO 8573: Compressed air
Particles	ISO 12500-3:2009 Filters for compressed air – test methods – Particulates	ISO 8573-4:2001 Compressed air – Test methods for solid particle content
Liquid water	ISO 12500-4:2009 Filters for compressed air – test methods – Water	ISO 8573-9:2004 Compressed air – Test methods for liquid water content
Oil	ISO 12500-1:2007 Filters for compressed air – test methods – Oil aerosols	ISO 8573-2:2007 Compressed air – Test methods for oil aerosol content



Simple Specials System

A system designed to respond quickly and easily to your special ordering needs. For modular connection units (shipped assembled), the simple specials system can be used.



Short lead times

This system enables us to respond to your special needs (additional machining, accessory assembly, or the designing of a modular unit) and deliver your personalized products as quickly as standard products.

Repeat orders

Once we receive a simple special part number from one of your previous orders, we will process the order, manufacture the product, and deliver it to you as quickly as possible.

Please contact your local sales representative for more details.

CONTENTS

Modular Connection Type Compressed Air Preparation Filter **AFF/AM/AMD/AMK Series**



AFF AM AMD

Compressed Air Preparation Filter **AFF/AM/AMD Series**

How to Order	p. 6
Line Filter AFF Series	
Standard Specifications	p. 7
Flow Rate Characteristics	p. 8
Mist Separator AM Series	
Standard Specifications	p. 9
Flow Rate Characteristics	p. 10
Micro Mist Separator AMD Series	
Standard Specifications	p. 11
Flow Rate Characteristics	p. 12
Construction	p. 13
Dimensions	p. 15



Activated Carbon Filter **AMK Series**

How to Order	p. 18
Activated Carbon Filter AMK Series	
Standard Specifications	p. 19
Flow Rate Characteristics	p. 20
Construction	p. 21
Dimensions	p. 23
· Modular Connection Example	p. 25
· Accessories Sold Separately	p. 27
· International Standard ISO 8573-1:2010	p. 28
· Specific Product Precautions	p. 29

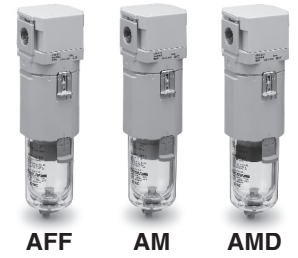
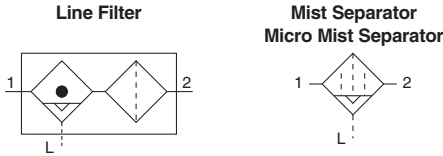
Compressed Air Preparation Filter

Line Filter/Mist Separator/Micro Mist Separator

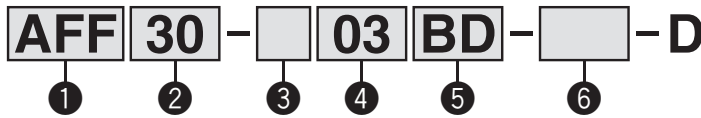
AFF/AM/AMD Series



Symbol



How to Order



· Option/Semi-standard: Select one each for a to g.
 · Option/Semi-standard symbol: When more than one specification is required, indicate in alphanumeric order.
 Example) AM30-N03BD-6RZ-D

		Symbol	Description	②					
				Body size					
				20	30	40	50	60	
①	Filter type	AFF	Nominal filtration rating: 1 μm Water droplet removal ratio: 99 %	●	●	●	●	●	
		AM	Nominal filtration rating: 0.1 μm Oil mist concentration on the outlet side: 1 mg/m ³	●	●	●	●	●	
		AMD	Nominal filtration rating: 0.01 μm Oil mist concentration on the outlet side: 0.1 mg/m ³	●	●	●	●	●	
		+							
③	Thread type	—	Rc	●	●	●	●	●	
		N*1	NPT	●	●	●	●	●	
		F*2	G	●	●	●	●	●	
④	Port size	01	1/8	●	—	—	—	—	
		02	1/4	●	●	●	—	—	
		03	3/8	—	●	●	—	—	
		04	1/2	—	—	●	—	—	
		06	3/4	—	—	—	●	—	
		10	1	—	—	—	●	●	
⑤	Option	a	—	Without mounting option	●	●	●	●	●
			B*3	With bracket	●	●	●	●	●
	b	Float type auto drain	—	Without auto drain	●	●	●	●	●
			C*4	N.C. (Normally closed)	●	●	●	●	●
D*5			N.O. (Normally open)	—	●	●	●	●	
⑥	Semi-standard	c	—	Polycarbonate bowl	●	●	●	—	—
			—	Stainless steel bowl	—	—	—	●	●
			2	Metal bowl	●	●	●	—	—
			6	Nylon bowl	●	●	●	—	—
			8	Metal bowl with level gauge	—	●	●	—	—
			C	With bowl guard	●	—*7	—*7	—	—
	6C	With bowl guard (Nylon bowl)	●	—*8	—*8	—	—		
	d	Drain port*9	—	With drain cock	●	●	●	●	●
			J*10	Drain guide 1/8	●	—	—	—	—
			W*11	Drain cock, Barb fitting (Ø 6)	—	●	●	●	●
	e	Indicator*12	—	Without indicator	●	●	●	●	●
			L	With element service indicator	●	●	●	●	●
f	Flow direction	—	Flow direction: Left to right	●	●	●	●	●	
		R	Flow direction: Right to left	●	●	●	●	●	
g	Unit	—	Name plate and caution plate for bowl in SI units: MPa, °C	●	●	●	●	●	
		Z*13	Name plate and caution plate for bowl in imperial units: psi, °F	○*14	○*14	○*14	○*14	○*14	

*1 The drain guide is either NPT 1/8 (applicable to the AFF 20, AM 20, and AMD 20) or NPT 1/4 (applicable to the AFF 30 to AFF 60, AM 30 to AM 60, and AMD 30 to AMD 60). The auto drain port comes with a Ø 3/8" One-touch fitting (applicable to the AFF 30 to AFF 60, AM 30 to AM 60, and AMD 30 to AMD 60).
 *2 The drain guide is either G1/8 (applicable to the AFF 20, AM 20, and AMD 20) or G1/4 (applicable to the AFF 30 to AFF 60, AM 30 to AM 60, and AMD 30 to AMD 60).
 *3 The assembly consists of 2 types of brackets and 2 mounting screws.
 *4 When pressure is not applied, condensate which does not start the auto drain mechanism will be left in the bowl. Releasing the residual condensate before ending operations for the day is recommended.
 *5 If the compressor is small (0.75 kW, discharge flow is less than 100 l/min (ANR)), air leakage from the drain cock may occur during the start of

operations. The N.C. type is recommended.
 *6 Refer to the chemical data on page 29 for chemical resistance of the bowl.
 *7 A bowl guard is provided as standard equipment (polycarbonate).
 *8 A bowl guard is provided as standard equipment (nylon).
 *9 The combination of float type auto drain C and D is not available.
 *10 Without a valve function
 The mounting screws are the same as the thread of ③.
 *11 The combination of metal bowl 2 and 8 is not available.
 *12 After purchase, option "—" (Without indicator) cannot be changed to option "L" (With element service indicator).
 *13 For pipe thread type: NPT
 *14 ○: For pipe thread type: NPT only

AFF/AM/AMD Series

Line Filter AFF Series

Standard Specifications

Model		AFF20	AFF30	AFF40	AFF50	AFF60	
Fluid		Compressed air					
Ambient and fluid temperatures		°C					
Proof pressure		MPa					
Max. operating pressure		MPa					
Min. operating pressure		MPa					
Auto drain minimum operating pressure	(N.C.)	MPa	0.1	0.15			
	(N.O.)	MPa	—	0.1			
Nominal filtration rating*1		µm	1 (99 % filtered particle size)				
Water droplet removal ratio*2		%	99				
Compressed air purity class*3		—	ISO 8573-1:2010 [4 : 7 : 4]*4				
Max. flow capacity*5		l/min (ANR)	300	750	1500	2200	3700
Port size		—	1/8, 1/4	1/4, 3/8	1/4, 3/8, 1/2	3/4, 1	1
Weight		kg	0.19	0.39	0.79	1.23	1.46
Bowl material		Polycarbonate			Stainless steel		
Bowl guard		Semi-standard (Steel)		Standard (Polycarbonate)		—	
Drain capacity		cm ³	8	25	45	100	

*1 For the following conditions in accordance with [Measurement: ISO 8573-4:2001, Test method ISO 12500-3:2009 compliant] in addition to the conditions above

- When the air flow capacity, inlet pressure, and the amount of solid or liquid particles on the filter inlet side are stable
- When a new element is used

*2 For the following conditions in accordance with [Test condition: ISO 12500-4:2009 compliant] in addition to the conditions above

- Water droplet on the filter inlet side = 33 g/m³
(Water droplet indicates condensed moisture. Water vapour which is not condensed is not included.)
- Inlet temperature = 25 °C
- When the air flow capacity, inlet pressure, and the amount of water droplets on the filter inlet side are stable
- When a new element is used

*3 The compressed air purity class is indicated based on ISO 8573-1:2010 Compressed air – Part 1: Contaminants and purity classes. For details on this standard, refer to page 28.

*4 The compressed air quality class on the inlet side is [6 : 8 : 4].

*5 Inlet pressure: 0.7 MPa

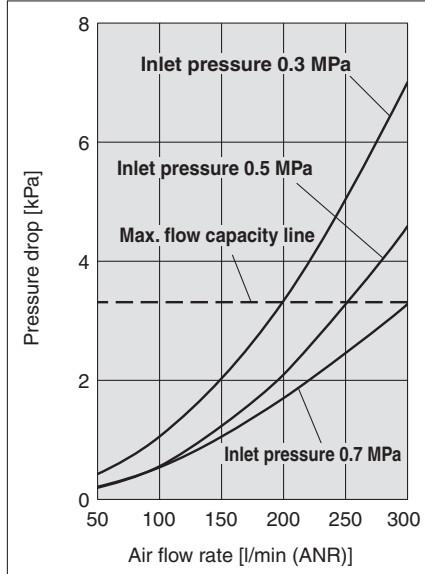
Flow at 20 °C, atmospheric pressure, and 65 % of the relative humidity

Line Filter AFF Series

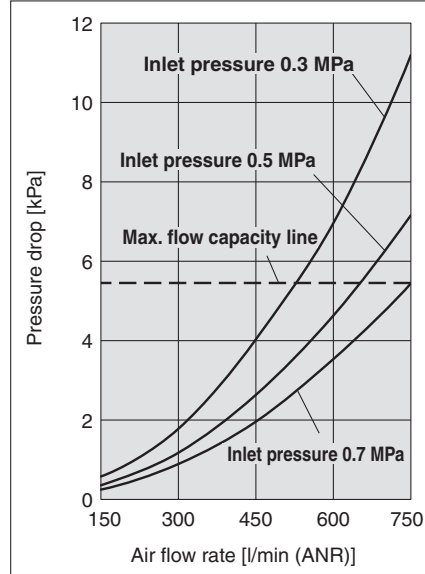
Flow Rate Characteristics (Representative values)

* Compressed air over the max. flow capacity line in the table below may not meet the specifications of the product.

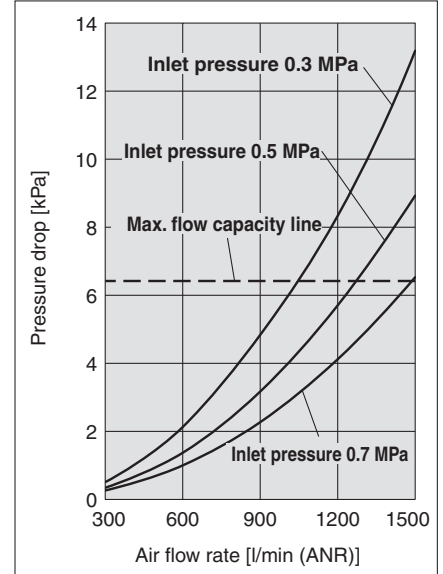
AFF20



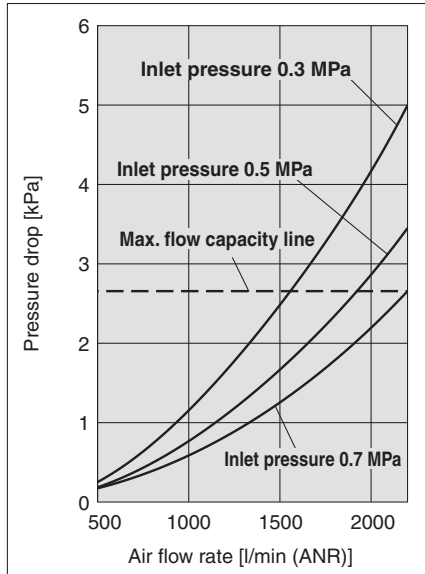
AFF30



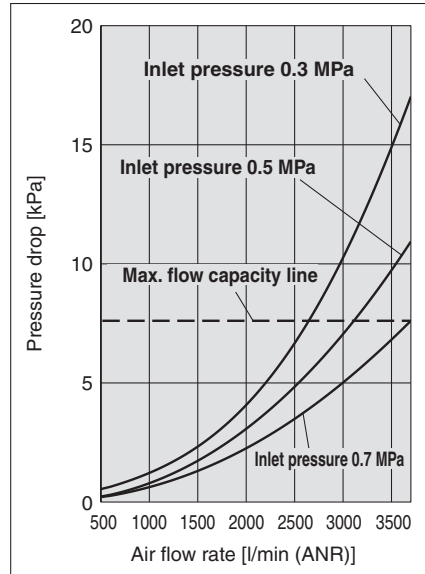
AFF40



AFF50



AFF60



AFF/AM/AMD Series

Mist Separator AM Series

Standard Specifications

Model		AM20	AM30	AM40	AM50	AM60
Fluid		Compressed air				
Ambient and fluid temperatures		°C				
Proof pressure		-5 to 60 (No freezing)				
Max. operating pressure		MPa				
Min. operating pressure		MPa				
Auto drain minimum operating pressure		MPa				
(N.C.)		0.1				
(N.O.)		0.15				
Nominal filtration rating*1		μm				
Oil mist concentration on the outlet side*2, *3		mg/m ³				
Compressed air purity class*4		—				
Max. flow capacity*6		l/min (ANR)				
Port size		—				
Weight		kg				
Bowl material		Polycarbonate			Stainless steel	
Bowl guard		Semi-standard (Steel)		Standard (Polycarbonate)		—
Drain capacity		cm ³				

*1 For the following conditions in accordance with [Measurement: ISO 8573-4:2001, Test method ISO 12500-3:2009 compliant] in addition to the conditions above

- When the air flow capacity, inlet pressure, and the amount of solid or liquid particles on the filter inlet side are stable
- When a new element is used

*2 For the following conditions in accordance with [Measurement: ISO 8573-2:2007, Test method ISO 12500-1:2007 compliant] in addition to the conditions above

- Oil mist concentration on the filter inlet side = 10 mg/m³
- When the air flow capacity, inlet pressure, and the oil mist concentration on the filter inlet side are stable
- When a new element is used

*3 The bowl seal and other O-rings are slightly lubricated.

*4 The compressed air purity class is indicated based on ISO 8573-1:2010 Compressed air – Part 1: Contaminants and purity classes. For details on this standard, refer to page 28.

*5 The compressed air quality class on the inlet side is [4 : 7 : 4].

*6 Inlet pressure: 0.7 MPa

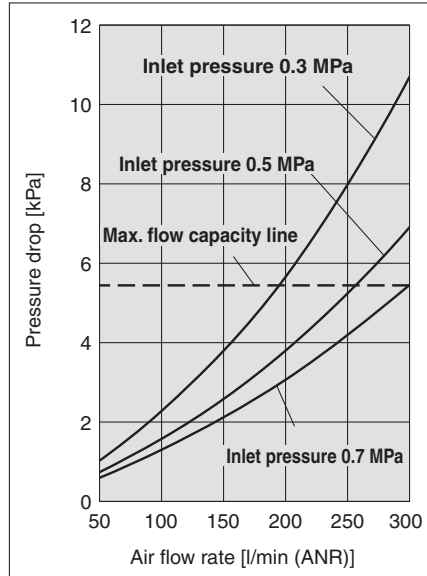
Flow at 20 °C, atmospheric pressure, and 65 % of the relative humidity

Mist Separator AM Series

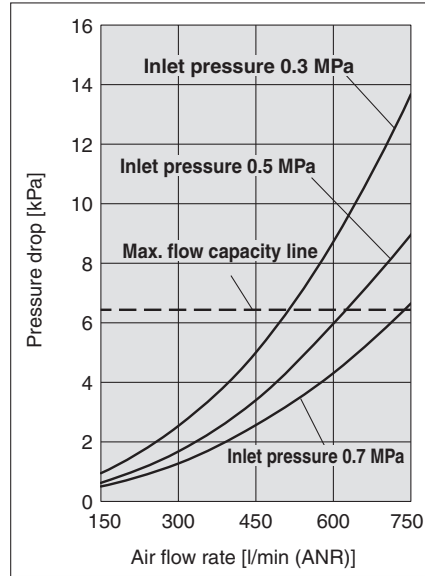
Flow Rate Characteristics (Representative values)

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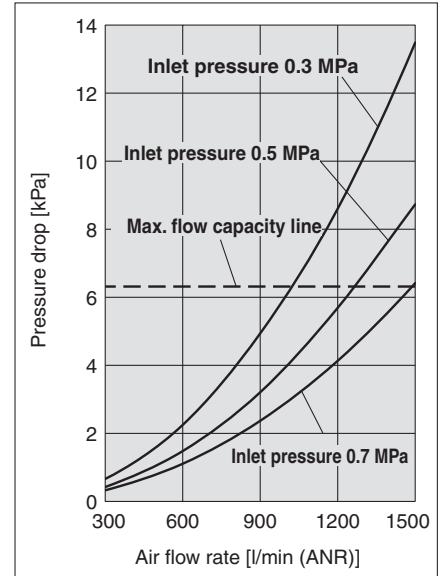
AM20



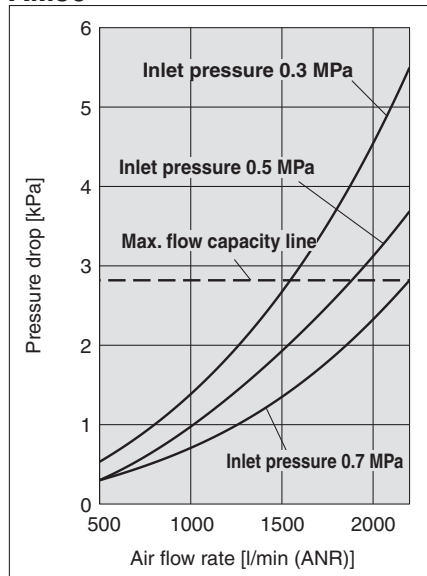
AM30



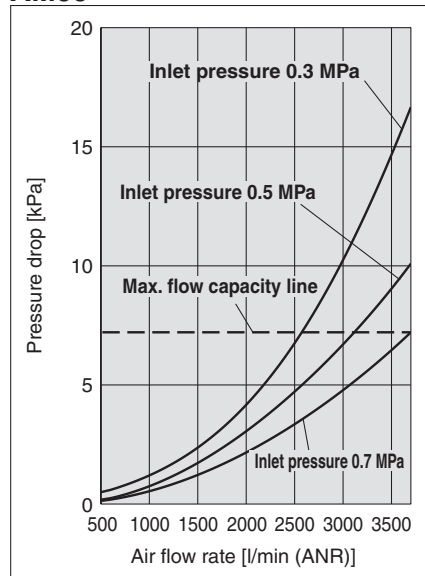
AM40



AM50



AM60



AFF/AM/AMD Series

Micro Mist Separator AMD Series

Standard Specifications

Model		AMD20	AMD30	AMD40	AMD50	AMD60
Fluid		Compressed air				
Ambient and fluid temperatures		°C				
Proof pressure		-5 to 60 (No freezing)				
Max. operating pressure		MPa				
Min. operating pressure		MPa				
Auto drain minimum operating pressure		MPa				
(N.C.)		0.1				
(N.O.)		—				
Nominal filtration rating*1		µm				
Oil mist concentration on the outlet side*2, *3		mg/m ³				
Compressed air purity class*5		—				
Max. flow capacity*7		l/min (ANR)				
Port size		—				
Weight		kg				
Bowl material		Polycarbonate			Stainless steel	
Bowl guard		Semi-standard (Steel)		Standard (Polycarbonate)		—
Drain capacity		cm ³				

*1 For the following conditions in accordance with [Measurement: ISO 8573-4:2001, Test method ISO 12500-3:2009 compliant] in addition to the conditions above

- When the air flow capacity, inlet pressure, and the amount of solid or liquid particles on the filter inlet side are stable
- When a new element is used

*2 For the following conditions in accordance with [Measurement: ISO 8573-2:2007, Test method ISO 12500-1:2007 compliant] in addition to the conditions above

- Oil mist concentration on the filter inlet side = 1 mg/m³
- When the air flow capacity, inlet pressure, and the oil mist concentration on the filter inlet side are stable
- When a new element is used

*3 The bowl seal and other O-rings are slightly lubricated.

*4 0.01 (≈ 0.008 ppm) or less in the initial state

*5 The compressed air purity class is indicated based on ISO 8573-1:2010 Compressed air – Part 1: Contaminants and purity classes. For details on this standard, refer to page 28.

*6 The compressed air quality class on the inlet side is [2 : 7 : 3].

*7 Inlet pressure: 0.7 MPa

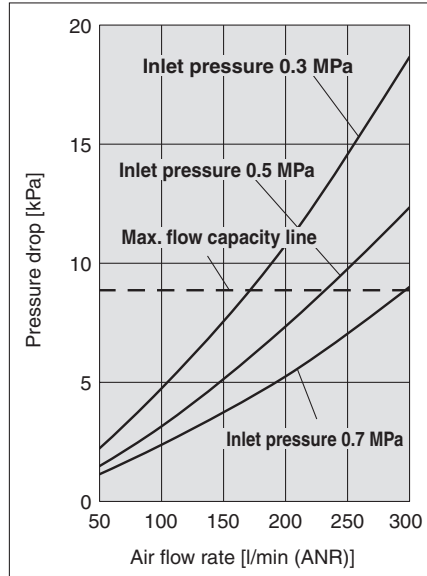
Flow at 20 °C, atmospheric pressure, and 65 % of the relative humidity

Micro Mist Separator AMD Series

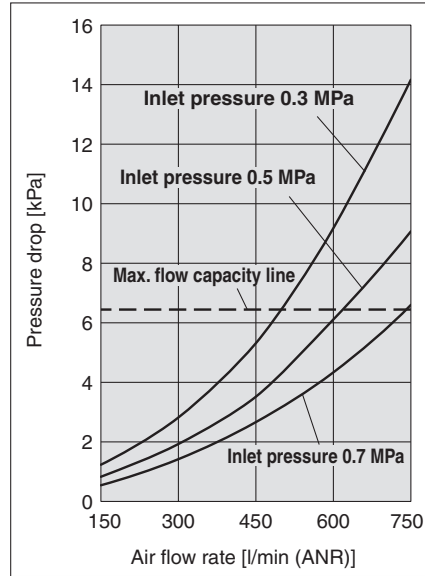
Flow Rate Characteristics (Representative values)

* Compressed air over the max. flow capacity line in the table below may not meet the specifications of the product.

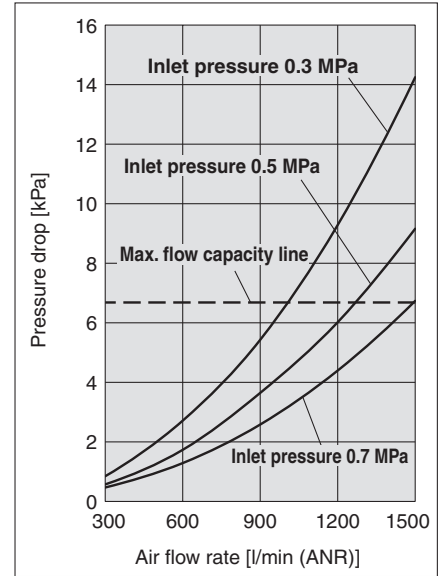
AMD20



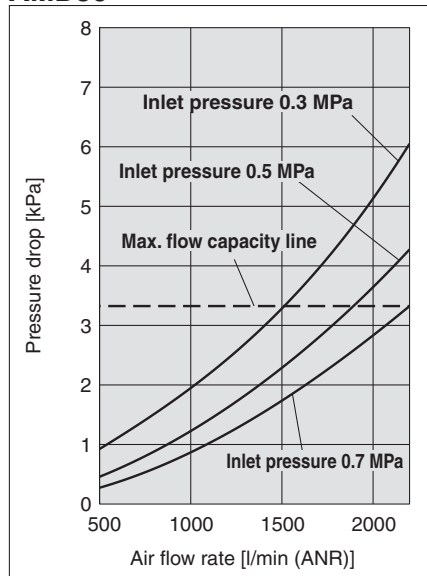
AMD30



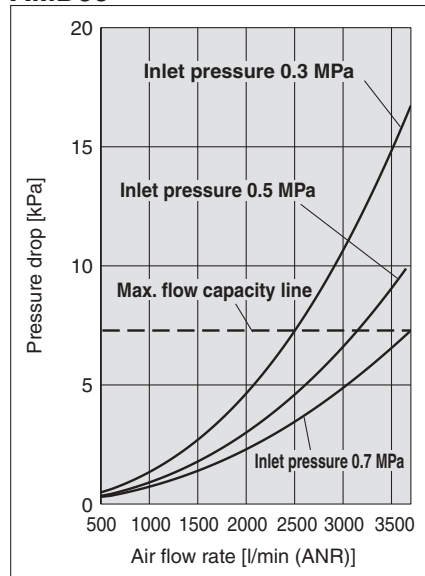
AMD40



AMD50



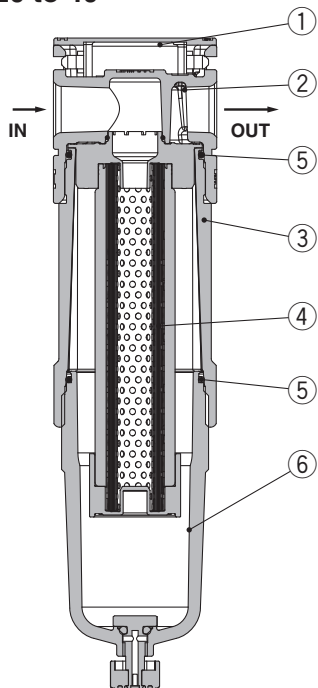
AMD60



AFF/AM/AMD Series

Construction: AFF, AM, AMD

Size 20 to 40



Component Parts

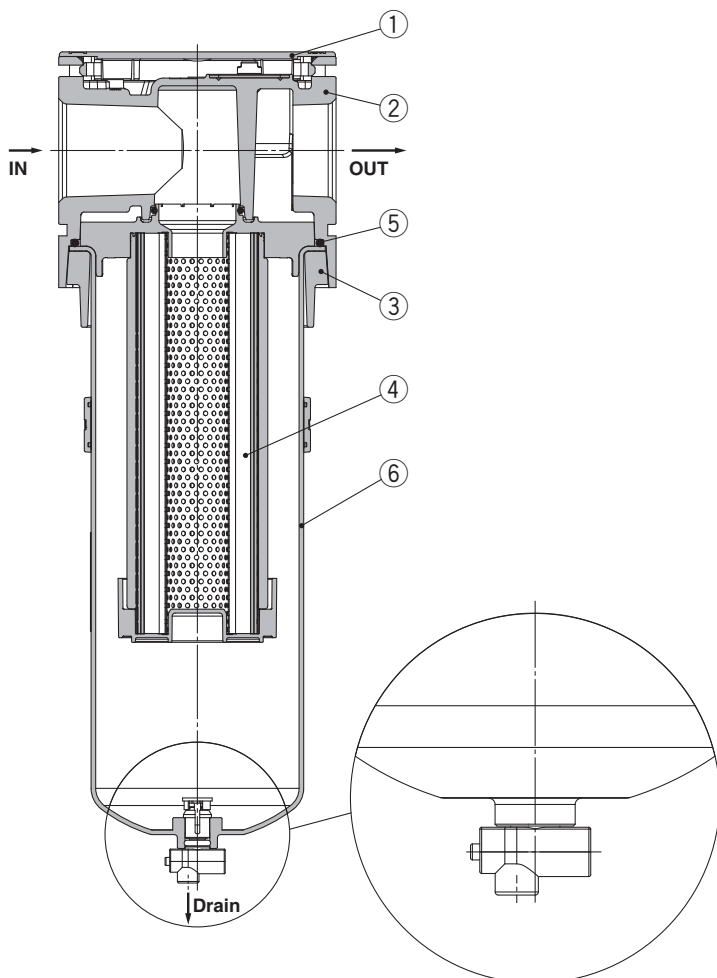
No.	Description	Material
1	Body cover	Resin
2	Body	Aluminium die-cast
3	Joint	Aluminium die-cast

Replacement Parts

No.	Description	Part number			
		20	30	40	
4	Element	AFF	AFF24P-060AS	AFF34P-060AS	AFF44P-060AS
		AM	AM24P-060AS	AM34P-060AS	AM44P-060AS
		AMD	AMD24P-060AS	AMD34P-060AS	AMD44P-060AS
5	Bowl seal	C2SFP-260S	C32FP-260S	C42FP-260S	
6	Bowl assembly	Refer to "Bowl Assembly/Part Nos."			

* When it is time to replace the element, refer to the maintenance instructions in the specific product precautions (page 30).

Size 50/60



Component Parts

No.	Description	Material
1	Body cover	Resin
2	Body	Aluminium die-cast
3	Flange	Aluminium die-cast

Replacement Parts

No.	Description	Part number		
		50	60	
4	Element	AFF	AFF54P-060AS	AFF64P-060AS
		AM	AM54P-060AS	AM64P-060AS
		AMD	AMD54P-060AS	AMD64P-060AS
5	Bowl seal	AM54P-160S		
6	Bowl assembly	Refer to "Bowl Assembly/Part Nos."		

Construction: AFF, AM, AMD

Bowl Assembly/Part Nos.

Bowl material	Drain discharge mechanism	Drain port	Other	Model				
				20	30	40	50	60
Polycarbonate, Stainless steel	Manual	With drain cock	—	C2SF-D	—	—	AM54P-120AS	AM64P-120AS
			With bowl guard	C2SF-C-D	C3SF-D	C4SF-D	—	—
		Drain cock with barb fitting	With bowl guard	—	C3SF-W-D	C4SF-W-D	AM54P-120AS-W	AM64P-120AS-W
			—	C2SF□-J-D	—	—	AM54P-□120AS-J	AM64P-□120AS-J
	Automatic (Auto drain)	Normally closed (N.C.)	—	AD27-D	—	—	AM54P-□120AS-C	AM64P-□120AS-C
			With bowl guard	AD27-C-D	AD37□-D	AD47□-D	—	—
		Normally open (N.O.)	—	—	—	—	AM54P-□120AS-D	AM64P-□120AS-D
			With bowl guard	—	AD38□-D	AD48□-D	—	—
Nylon	Manual	With drain cock	—	C2SF-6-A	—	—	—	—
			With bowl guard	C2SF-6C-A	C3SF-6-A	C4SF-6-A	—	—
		Drain cock with barb fitting	With bowl guard	—	C3SF-6W-A	C4SF-6W-A	—	—
			—	C2SF□-6J-A	—	—	—	—
	Automatic (Auto drain)	Normally closed (N.C.)	—	AD27-6-A	—	—	—	—
			With bowl guard	AD27-6C-A	AD37□-6-A	AD47□-6-A	—	—
		Normally open (N.O.)	With bowl guard	—	AD38□-6-A	AD48□-6-A	—	—
			—	—	—	—	—	—
Metal	Manual	With drain cock	—	C2SF-2-A	C3SF-2-A	C4SF-2-A	—	—
			With level gauge	—	C3LF-8-A	C4LF-8-A	—	—
		With drain guide (without valve function)	—	C2SF□-2J-A	C3SF□-2J-A	C4SF□-2J-A	—	—
			With level gauge	—	C3LF□-8J-A	C4LF□-8J-A	—	—
	Automatic (Auto drain)	Normally closed (N.C.)	—	AD27-2-A	AD37□-2-A	AD47□-2-A	—	—
			With level gauge	—	AD37□-8-A	AD47□-8-A	—	—
		Normally open (N.O.)	—	—	AD38□-2-A	AD48□-2-A	—	—
			With level gauge	—	AD38□-8-A	AD48□-8-A	—	—

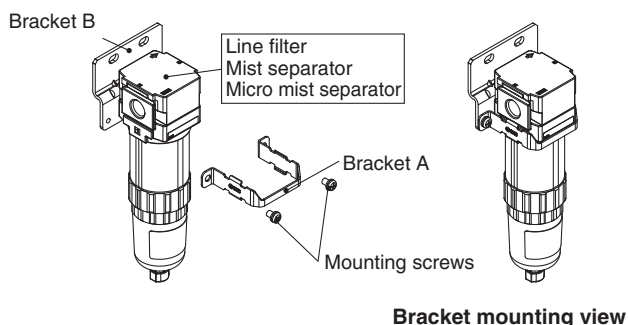
* The bowl assembly for sizes 20 to 40 comes with a bowl seal. The bowl assembly for sizes 50 and 60 comes with a flange and a bowl seal.

* The □ in the bowl assembly part numbers is for indicating the pipe thread type (applicable tubing for the auto drain). No indication is necessary for an RC thread; however, indicate "N" for an NPT thread, and "F" for a G thread. (For auto drain, —: Ø 10, N: Ø 3/8") Please contact SMC separately for psi and °F unit display specifications.

Option/Part Nos.

Description	Part number			
	20	30	40	50, 60
Bracket assembly	AF24P-070AS	AF34P-070AS	AF44P-070AS	AF54P-070AS
Auto drain	Refer to "Bowl Assembly/Part Nos."			

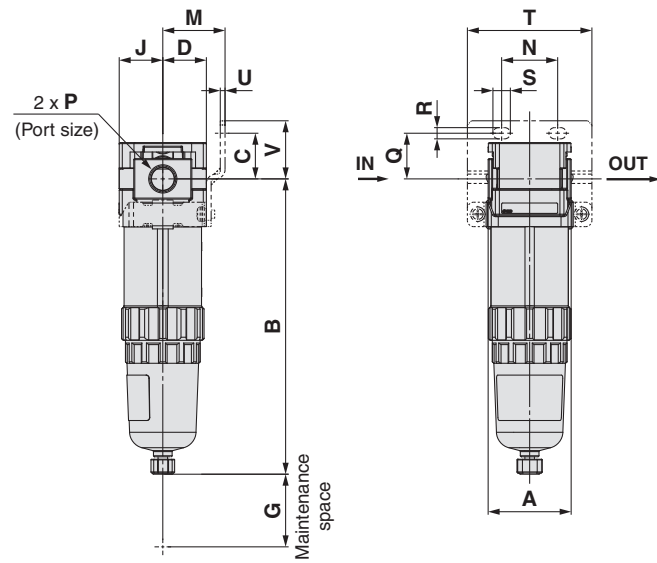
* The assembly consists of an A and B bracket and 2 mounting screws.



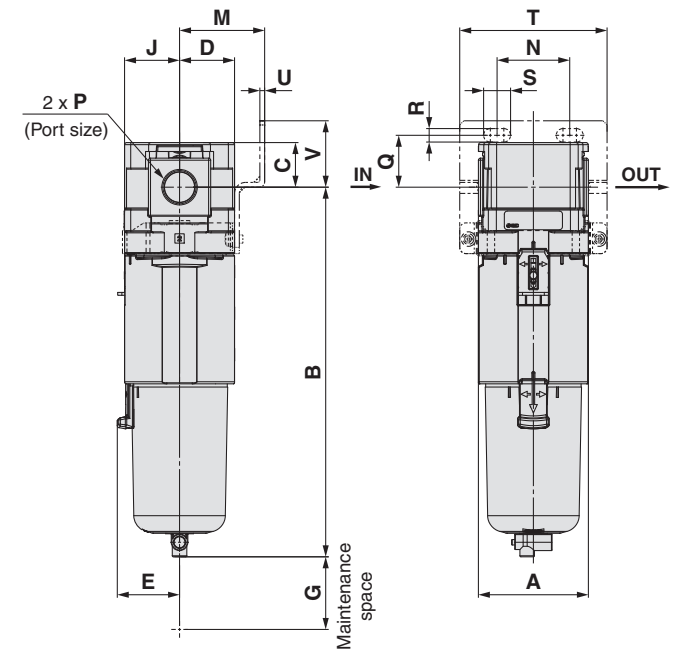
AFF/AM/AMD Series

Dimensions

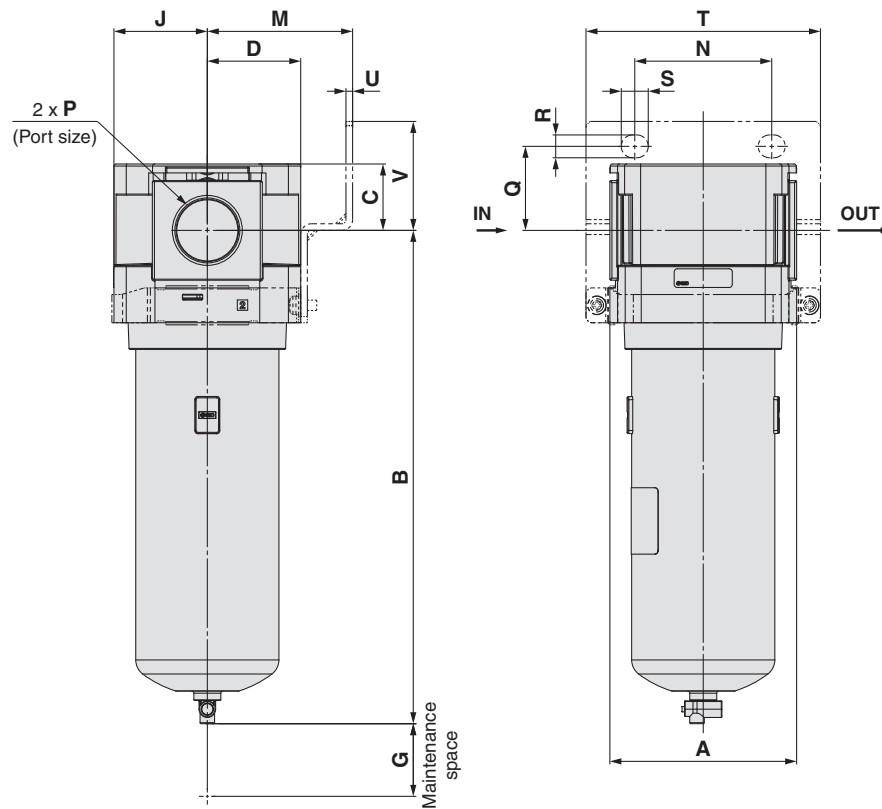
AFF/AM/AMD20



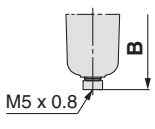
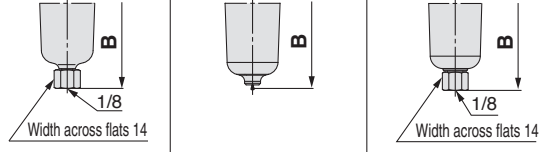
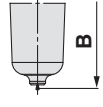
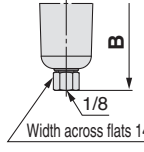
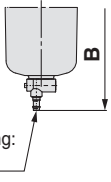
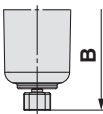
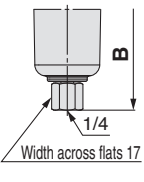
AFF/AM/AMD30 AFF/AM/AMD40

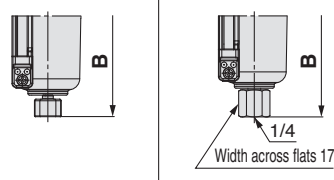
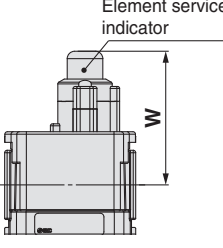


AFF/AM/AMD50 AFF/AM/AMD60



Dimensions

Applicable model	Optional specifications		Semi-standard			
	With auto drain	PC/PA bowl*1 Stainless steel bowl*2		Metal bowl*1		
		Drain cock with barb fitting	With drain guide	With drain cock	With drain guide	
AFF/AM/AMD20						
AFF/AM/AMD30 AFF/AM/AMD40 AFF/AM/AMD50 AFF/AM/AMD60	N.O.: Black N.C.: Grey Thread type/Rc, G: Ø 10 One-touch fitting Thread type/NPT: Ø 3/8" One-touch fitting					

Applicable model	Semi-standard		
	Metal bowl with level gauge*1		Element service indicator
	With drain cock	With drain guide	
AFF/AM/AMD20			
AFF/AM/AMD30 AFF/AM/AMD40 AFF/AM/AMD50 AFF/AM/AMD60			

*1 Available for sizes 20 to 40
*2 Available for sizes 50 and 60

Model	Standard specifications																Optional specifications		
																	Bracket mount		With auto drain
	P	A	B	C	D	E	G	J	M	N	Q	R	S	T	U	V	B		
AFF20-D/AM20-D/AMD20-D	1/8, 1/4	40	142.3	17.5	21	—	25	21	30	27	22	5.4	8.4	60	2.3	28	159.6		
AFF30-D/AM30-D/AMD30-D	1/4, 3/8	53	178.1	21.5	26.5	30	35	26.5	41	35	25	6.5	13	71	2.3	32	219.8		
AFF40-D/AM40-D/AMD40-D	1/4, 3/8, 1/2	70	223.5	25.5	35.5	38.4	40	35.5	50	52	30	8.5	12.5	88	2.3	39	263.3		
AFF50-D/AM50-D/AMD50-D	3/4, 1	90	237.7	32	45	—	30	45	70	66	40.5	11	13	113	3.2	52.5	259.2		
AFF60-D/AM60-D/AMD60-D	1	90	314.8	32	45	—	30	45	70	66	40.5	11	13	113	3.2	52.5	336.3		

Model	Semi-standard specifications						
	PC/PA bowl*1 Stainless steel bowl*2		Metal bowl*1		Metal bowl with level gauge*1		Element service indicator
	With barb fitting	With drain guide	With drain cock	With drain guide	With drain cock	With drain guide	
	B	B	B	B	B	B	W
AFF20-D/AM20-D/AMD20-D	—	146.1	142.1	148.6	—	—	50.6
AFF30-D/AM30-D/AMD30-D	186.6	184.9	180.6	185.1	200.6	205.1	54.3
AFF40-D/AM40-D/AMD40-D	232	230.3	225.9	230.4	245.9	250.4	58.3
AFF50-D/AM50-D/AMD50-D	246.2	244.5	—	—	—	—	64.3
AFF60-D/AM60-D/AMD60-D	323.3	321.6	—	—	—	—	64.3

*1 Available for sizes 20 to 40
*2 Available for sizes 50 and 60