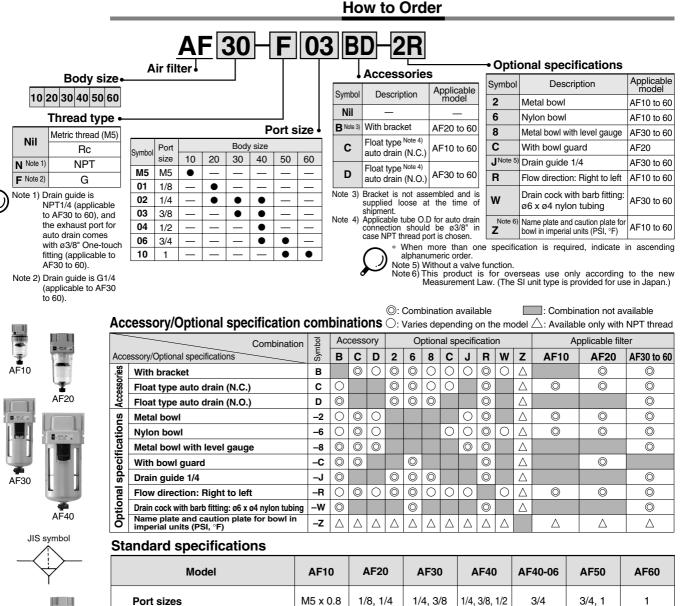
# Modular Type Air Filter Series AF

Air filter Series AF	Model	Port size	Filtration (µm)	Accessory
	AF10	M5 x 0.8		
	AF20	1/8, 1/4		
	AF30	1/4, 3/8		Bracket
	AF40	1/4, 3/8, 1/2	5	
	AF40-06	3/4		Float type auto drain
<b>F</b>	AF50	3/4, 1		
Pages 23 through 27	AF60	1		
Mist separator Series AFM	AFM20	1/8, 1/4		
	AFM30	1/4, 3/8	0.3	Bracket
	AFM40	1/4, 3/8, 1/2	0.5	Float type auto drain
Pages 29 through 31	AFM40-06	3/4		
Micro-mist separator Series AFD	AFD20	1/8, 1/4		
	AFD30	1/4, 3/8	0.01	Bracket
	AFD40	1/4, 3/8, 1/2	0.01	Float type auto drain
Pages 32 through 34	AFD40-06	3/4		

# **Air Filter** AF10 to 60





Fluid

**Proof pressure** 

**Bowl material** 

**Bowl guard** 

Weight (kg)

Accessory

auto drain

Accessory part no.

Float type Note 2)

Maximum operating pressure

Ambient and fluid temperature

Nominal filtration rating

Drain capacity (cm<sup>3</sup>)

Bracket assembly Note 1)



With auto drain





N.C. Note 1) Assembly includes a bracket and 2 mounting screws.

N.O.

Applicable model

Note 2) Minimum operating pressure: N.O. type-0.1MPa; N.C. type-0.1MPa (AD17/27) and 0.15MPa (AD37/47). Note 3) When "N" is specified in the end of part number of auto drain, applicable tube O.D should be ø3/8".

Option

8

0.18

AF20

AF20P-050AS

AD27

25

0.22

AF30

AF30P-050AS

AD38 AD38N<sup>Note 3)</sup>

2.5

0.06

**AF10** 

AD17

Air

1.5MPa

1.0MPa

-5 to 60°C (with no freezing)

5um

Polycarbonate

45

0.45

**AF40** 

AF40P-050AS

AD48 AD48N<sup>Note 3</sup>

Standard

45

0.49

AF40-06

AF40P-070AS

AD37 AD37NNote 3 AD47 AD47NNote 3

45

0.99

AF50

AF50P-050AS

AD48 AD48N Note 3 AD48 AD48N Note 3 AD48 AD48N Note 3

45

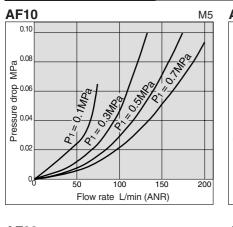
1.05

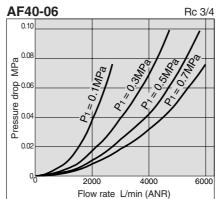
AF60

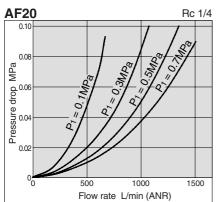
AF50P-050AS

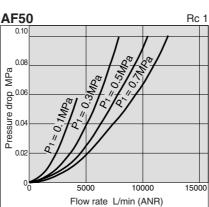
# AF10 to 60

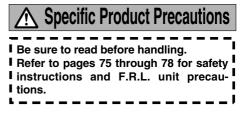
#### Flow Characteristics (Representative values)







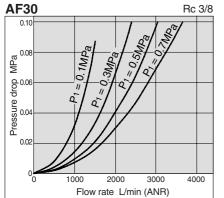




#### Maintenance

## **A**Warning

1. Replace the element every 2 years or when the pressure drop becomes 0.1MPa, whichever comes first, to prevent damage to the element.



**AF40** 

MPa 0.08

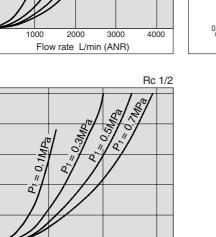
Pressure drop N

0.02

0

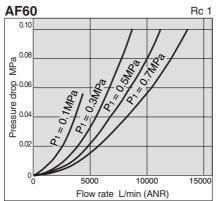
2000

0.10



4000

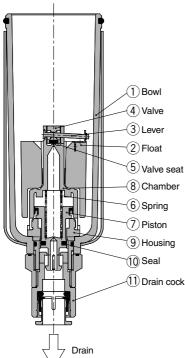
Flow rate L/min (ANR)

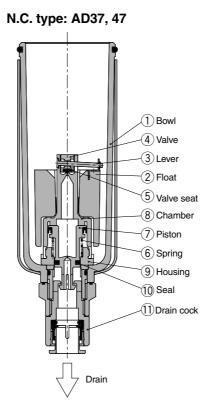


# AF10 to 60

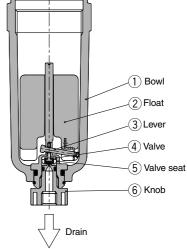
#### **Operation Principle: Float Type Auto Drain**

#### N.O. type: AD38, 48





# Compact auto drain N.C. type: AD17, 27



# • When the pressure inside the bowl is released:

When pressure is released from the bowl 1, piston 7 is lowered by spring 6.

The sealing action of seal 0 is interrupted, and the outside air flows inside the bowl 0, through housing hole 9 and drain cock 1.

Therefore, if there is an accumulation of condensate in the bowl 1, it will drain out through the drain cock.

# • When pressure is applied inside the bowl:

When the pressure exceeds 0.1MPa, the force of piston surpasses the force of spring 6, and the piston goes up.

This pushes seal (1) up so that the it creates a seal and the inside of the bowl (1), is shut off from the outside air.

If there is no accumulation of condensate in the bowl (1), at this time float (2) will be pulled down by its own weight, causing valve (4), which is connected to lever (3), to seal valve seat (5).

#### When there is an accumulation of condensate in the bowl:

Float 2 rises due to its own buoyancy and pushes open the seal created by the valve seat,  $\fbox{2}.$ 

This allows the pressure inside the bowl (1), to enter the chamber (8). The result is that the combined pressure inside chamber (8) and the force of the spring (6), lower the piston (7).

This causes the sealing action of seal 0 to be interrupted, and the accumulated condensate in the bowl 0, drains out through the drain cock 0.

Turning drain cock 1 manually counterclockwise lowers piston 2, which pushes open the seal created by seal 0, thus allowing the condensate to drain out.

# • When the pressure inside the bowl is released:

Even when pressure inside the bowl 1, is released, spring 6 keeps piston 7 in its upward position.

This keeps the seal created by the seal (0), in place, thus shutting the outside air from inside the bowl (1).

Therefore, even if there should be some condensate accumulation inside the bowl  $(\ensuremath{\mathbb{T}}),$  it will not drain out.

# • When pressure is applied inside the bowl:

Even when pressure is applied inside the bowl  $(\ensuremath{\mathbb{T}}),$  the combined force of spring  $(\ensuremath{\widehat{\mathbf{6}}})$  and the pressure inside the bowl  $(\ensuremath{\mathbb{T}}),$  keeps piston  $(\ensuremath{\overline{\mathcal{T}}})$  in its upward position.

This maintains the seal created by the seal  $(\!0\!),$  in place, thus shutting the outside air from inside the bowl  $(\!1\!).$ 

If there is no accumulation of condensate in the bowl (1), at this time float (2) will be pulled down by its own weight, causing valve (4), which is connected to lever (3), to seal valve seat (5).

## When there is an accumulation of condensate in the bowl:

Float ② rises due to its own buoyancy and pushes open the seal created by the valve seat ⑤. Pressure passes from the bowl to chamber ⑧.

The result is that the pressure inside chamber (8) surpasses the force of the spring (6), and pushes piston  $(\overline{\mathcal{D}}$  downwards.

This causes the sealing action of seal 0 to be interrupted and the accumulated condensate in the bowl 1, drains out through the drain cock 1.

Turning drain cock 1 manually counterclockwise lowers piston 2, which pushes open the seal created by seal 1, thus allowing the condensate to drain out.

# • When the pressure inside the bowl is released:

Even when pressure inside the bowl (1), is released, the weight of the float (2) causes valve (4), which is connected to lever (3), to seal valve seat (5). As a result, the inside of the bowl (1), is shut off from the outside air.

Therefore, even if there is an accumulation of condensate in the bowl (1), it will not drain out.

#### When pressure is applied inside the bowl:

Even when pressure is applied inside the bowl (1), the weight of the float (2), and the differential pressure that is applied to valve (4) cause valve (4) to seal valve seat (5), and the outside air is shut off from the inside of the bowl (1).

## • When the drain is accumulated in the bowl:

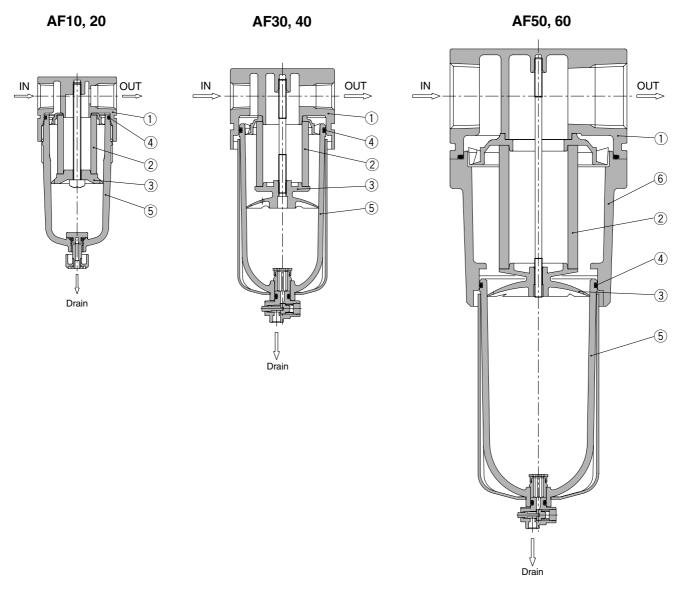
Float 2 rises due to its own buoyancy and the seal at valve seat 5 is interrupted.

The condensate inside the bowl (1) drains out through the knob, (6).

Turning knob (6) manually counterclockwise lowers it and causes the sealing action of valve seat (5) to be interrupted, thus allowing the condensate to drain out.

# Air Filter **AF10 to 60**

#### Construction



#### Parts list

No.	Description		Color			
INO.		AF10, 20	AF30, 40, 40-06	AF50, 60	000	
1	Body	Zinc die-cast	Aluminun	n die-cast	Platinum silver	
6	Housing		_	Aluminum die-cast	Platinum silver	

#### Air filter replacement parts

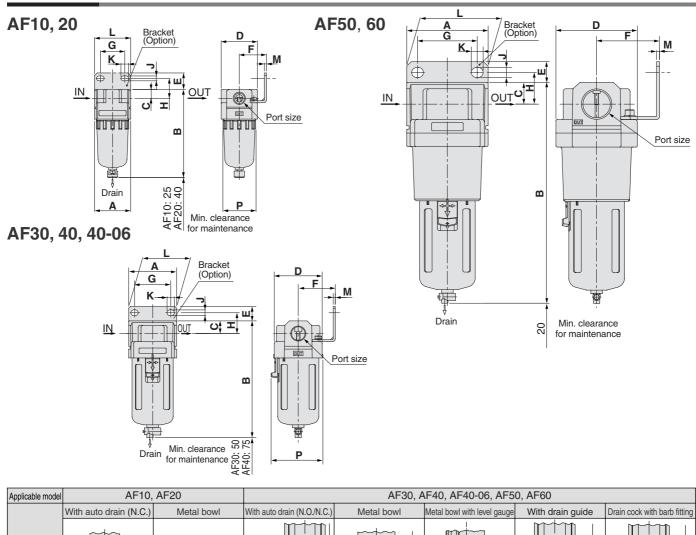
No.	Description	Material		Part no.								
NO.		Ivialenai	AF10	AF20	AF30	AF40	AF40-06	AF50	AF60			
2	Filter element	Non-woven fabric	AF10P-060S	AF20P-060S	AF30P-060S	AF40P-060S	AF40P-060S	AF50P-060S	AF60P-060S			
3	Baffle	PBT	AF10P-040S Note 1)	AF20P-040S	AF30P-040S	AF40P-040S	AF40P-040S	AF50P-040S	AF60P-040S			
4	Bowl O-ring NBR		C1SFP-260S	C2SFP-260S	C3SFP-260S	C4SFP-260S	C4SFP-260S	C4SFP-260S	C4SFP-260S			
5	Bowl assembly Note 2) PC		C1SF	C2SF	C3SF Note 3)	C4SF Note 3)	C4SF Note 3)	C4SF Note 3)	C4SF Note 3)			



Note 1) The material of the baffle for AF10 (AF10P-040S) only is POM. Note 2) Contact P/A regarding the bowl assembly supply for PSI and °F unit specifications. Note 3) Bowl assembly for AF30 to 60 models comes with a bowl guard (steel band material).

# AF10 to 60





	With auto aran (14.0.)	Micial DOWI	with a dio aran (14.0./14.0.)	Micial DOWI	weta bow with level gauge	with aran guide	Drain cook with barb litting
Optional specifications	<b>m</b> M5 x 0.8		N.C.: Black N.C.: Grav		B	Vidth across flats 17	Barb fitting Applicable tubing: T0604

			Standard specification			Accessory specification									
Model	Port size					Bracket mounting size						With auto drain			
		Α	В	С	D	Р	E	F	G	н	J	К	L	М	В
AF10	M5 x 0.8	25	67	7	25	28	—	_	_	_	—	_	—	—	85
AF20	1/8, 1/4	40	97	10	40	—	18	30	27	22	5.4	8.4	40	2.3	115
AF30	1/4, 3/8	53	129	14	53	57	16	41	40	23	6.5	8	53	2.3	170
AF40	1/4, 3/8, 1/2	70	165	18	70	73	17	50	54	26	8.5	10.5	70	2.3	204
AF40-06	3/4	75	169	20	70	73	14	50	54	25	8.5	10.5	70	2.3	208
AF50	3/4, 1	90	245	24	90	—	23	70	66	35	11	13	90	3.2	284
AF60	1	95	258	24	95	_	23	70	66	35	11	13	90	3.2	297

		Optiona	l specification	
Model	With drain guide	With barb fitting	Metal bowl	Metal bowl with level gauge
	В	В	В	В
AF10	—	—	66	—
AF20	—	—	97	—
AF30	136	137	142	162
AF40	172	173	178	198
AF40-06	176	177	182	202
AF50	252	253	258	278
AF60	265	266	271	291

# Air Filter AF20 to 60 **Made to Order Specifications**

Contact P/A for detailed dimensions, specifications, and lead times.

# Made to Order

#### **1** Special Temperature Environment

Special materials are used in the manufacturing of seals and resin parts to allow them to withstand various temperature conditions in cold or tropical (hot) climates.

#### Specifications

P	art no.	-X430	-X440
Environ	ment	Low temperature High temperatur	
Ambient	temperature	–30 to 60°C	–5 to 80°C
Fluid ten	nperature	−5 to 60°C (wi	th no freezing)
Material	Rubber parts	Special NBR	FPM
material	Main parts	Metal (Alumin	ium die-cast)

#### Applicable models

Model	AF30	AF40	AF40-06	AF50	AF60
Port sizes	1/4 3/8	1/4 3/8 1/2	3/4	3/4 1	1

#### **2 High Pressure**

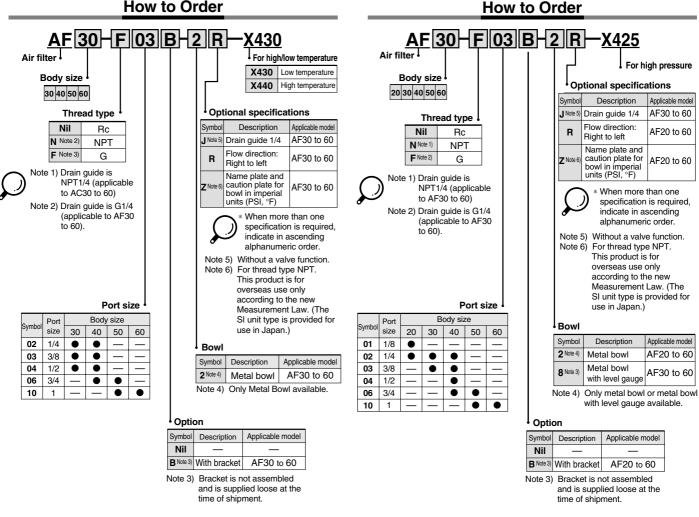
Strong materials are used in the manufacturing of air filters intended for high pressure operation.

#### Specifications

Part no.	-X425				
Proof pressure	3.0MPa				
Maximum operating pressure	2.0MPa				
Ambient and fluid temperature	–5 to 60°C (with no freezing)				

#### Applicable models

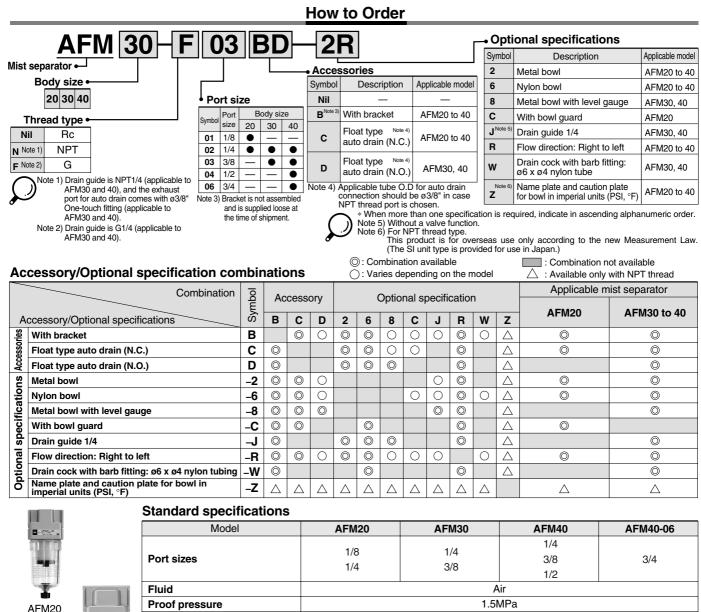
Model	AF20	AF30	AF40	AF40-06	AF50	AF60
Port sizes	1/8 1/4	1/4 3/8	1/4 3/8 1/2	3/4	3/4 1	1



Note) Contact P/A regarding the detailed dimensions and optional availability.

#### How to Order

# **Mist Separator** AFM20/30/40







1 011 01200	1/4	0/0	0/0	0/4				
	1/4	3/8	1/2					
Fluid		A	ir					
Proof pressure		1.5	MPa					
Maximum operating pressure		1.0	MPa					
Minimum operating pressure		0.05MPa						
Ambient and fluid temperature	–5 to 60°C (with no freezing)							
Rated flow L/min (ANR) Note 1)	200	450	1100	1100				
Nominal filtration rating		0.3µm (95% filte	red particle size)					
Outlet side oil mist concentration	Max	kimum 1.0 <sup>mg</sup> /m <sup>3</sup> (ANF	R) (approx. 0.8ppm) No	ote 2)				
Bowl material		Polyca	rbonate					
Bowl guard	option		bonate Standard					
Drain capacity (cm <sup>3</sup> )	8	25	45	45				
Weight (kg)	0.18	0.22	0.44	0.49				

Note 1) When the inlet pressure is 0.7MPa. Flow rate varies depending on the inlet pressure. Note 2) When the compressor oil mist discharge concentration is 30mgf/m<sup>3</sup> (ANR).

AFM40





Accessory part no.										
Applicab Accessory	Applicable model Accessory		AFM30			AFM40	AFM40-06			
Bracket assembly	Note 1)	AF20P-050AS	AF30P-050AS		AF40P-050AS		AF40P-070AS			
Float type Note 2)	N.O.	—	AD38	AD38N <sup>Note 3)</sup>	AD48	AD48N <sup>Note 3)</sup>	AD48	AD48N <sup>Note 3)</sup>		
auto drain	N.C.	AD27	AD37	AD37N <sup>Note 3)</sup>	AD47	AD47N <sup>Note 3)</sup>	AD47	AD47N <sup>Note 3)</sup>		
· · · · · · · · · · · · · · · · · · ·										

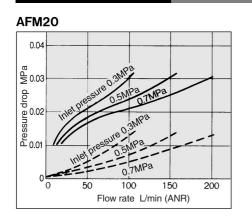
Note 1) Assembly includes a bracket and 2 mounting screws

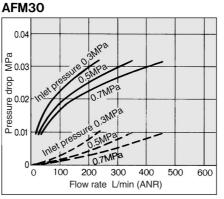
Note 2) Minimum operating pressure: N.O. type–0.1MPa; N.C. type–0.1MPa (AD17/27) and 0.15MPa (AD37/47). Note 3) When "N" is specified in the end of part number of auto drain, applicable tube O.D should be ø3/8".

# Mist Separator AFM20/30/40

#### Flow Characteristics (Representative values)

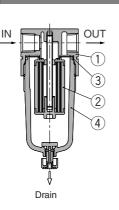
#### 

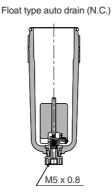




Construction

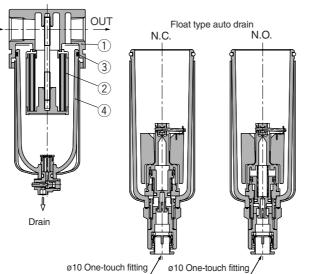
AFM20





AFM30, 40

IN

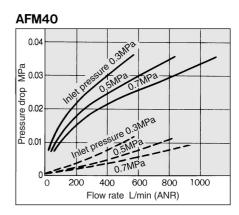


#### Parts list

No.	Description		Note							
	Description	AFM20	AFM30, AFM40, AFM40-06	Note						
1	Body	Zinc die-cast	Aluminum die-cast	Platinum silver						
Replacement parts										

No.	Description	Material	Part no.						
NO.	Description	Material	AFM20	AFM30	AFM40	AFM40-06			
2	Element assembly	—	AFM20P-060AS	AFM30P-060AS	AFM40P-060AS	AFM40P-060AS			
3	Bowl O-ring	NBR	C2SFP-260S	C3SFP-260S	C4SFP-260S	C4SFP-260S			
4	Bowl assembly Note 1)	PC	C2SF	C3SF Note 2)	C4SF Note 2)	C4SF Note 2)			
Note	1) Including O-Bing, Contact	P/A regarding	the howl accombly	cupply for PSI and	°E unit enertification				

Note 1) Including O-Ring. Contact P/A regarding the bowl assembly supply for PSI and °F unit specification Note 2) Bowl assembly for AFM30 to AFM40-06 includes a bowl guard (steel band material).



▲ Specific Product Precautions								
Be sure to read before handling. Refer to pages 75 through 78 for safety instructions and F.R.L. unit precautions.								
Air Supply								
<b>≜</b> Caution								

## 

- Install an air filter (Series AF) as a preliminary filter on the inlet side of the mist separator to prevent premature clogging.
- Do not install on the inlet side of the dryer as this can cause premature clogging of the element.

#### Maintenance

## ⚠Warning

1. Replace the element every 2 years or when the pressure drop becomes 0.1MPa, whichever comes first, to prevent damage to the element.

# Design

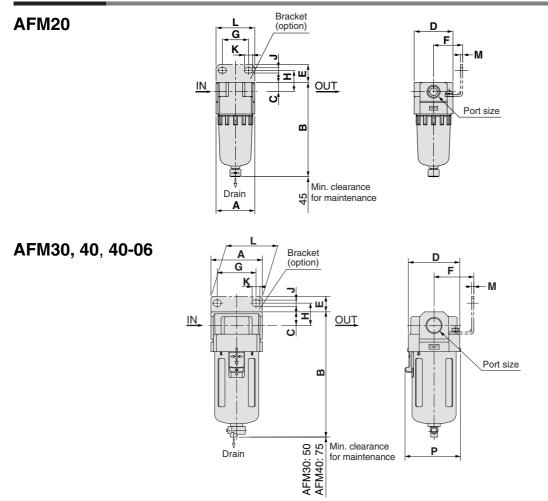
1. Design the system so that the mist separator is installed in a pulsation-free location. The difference between internal and external pressure inside the element should be kept within 0.1MPa, as exceeding this value could cause damage.

#### Selection

- 1. Do not allow air flow that exceeds the rated flow. If the air flow is allowed outside the range of the rated flow even momentarily, drainage and lubricant may splash at the outlet side or cause damage to the component.
- 2. Do not use in a low pressure application (such as a blower). F.R.L. unit has its own minimum operating pressure depending on the equipment and is designed specifically to function with compressed air. If used below the minimum operating pressure, a loss of performance and malfunction can occur. Contact P/A if an application under such conditions cannot be avoided.

# AFM20/30/40

Dimensions

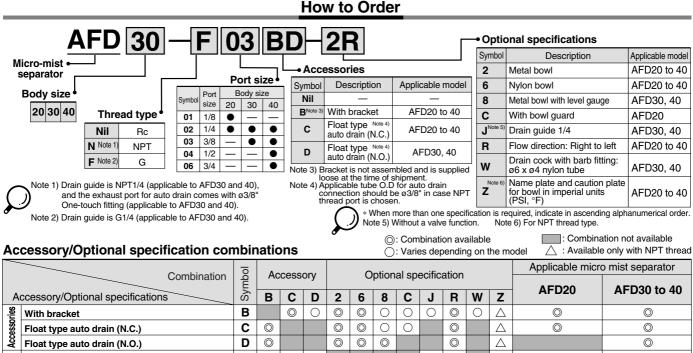


Applicable model	AFN	Л20		AFM30, AFM40, AFM40-06							
	With auto drain (N.C.)	Metal bowl	With auto drain (N.O./N.C.)	Metal bowl	Metal bowl with level gauge	With drain guide	Drain cock with barb fitting				
Optional specifications	M5 x 0.8		N.O.: Black N.C.: Gray Ø10 One-touch fitting	B	B B	Width across flats 17	Applicable tubing: T0604				

	Port size		Ctandard apacification				Accessory specification								
Model		Standard specification				With bracket						With auto drain			
		Α	В	С	D	Р	E	F	G	н	J	К	L	М	В
AFM20	1/8, 1/4	40	97	10	40	_	18	30	27	22	5.4	8.4	40	2.3	115
AFM30	1/4, 3/8	53	129	14	53	57	16	41	40	23	6.5	8	53	2.3	170
AFM40	1/4, 3/8, 1/2	70	165	18	70	73	17	50	54	26	8.5	10.5	70	2.3	204
AFM40-06	3/4	75	169	20	70	73	14	50	54	25	8.5	10.5	70	2.3	208

		Optional specification									
Model	With drain guide	With barb fitting	Metal bowl	Metal bowl with level gauge							
	в	В	В	В							
AFM20			97	_							
AFM30	136	137	142	162							
AFM40	172	173	178	198							
AFM40-06	176	177	182	202							

# Micro-Mist Separator AFD20/30/40



ries	With bracket	В		$\odot$	0	O	O	0	0	0	$\odot$	0	$\triangle$	O	O
Accessories	Float type auto drain (N.C.)	С	0			O	O	0	0		$^{\odot}$		$\triangle$	O	O
Acc	Float type auto drain (N.O.)	D	$^{\odot}$			0	O	0			0		$\triangle$		O
ns	Metal bowl	-2	O	0	0					0	0		$\triangle$	O	O
tio	Nylon bowl	-6	O	0	0				0	0	0	0	$\triangle$	O	O
ecificatio	Metal bowl with level gauge	-8	O	O	0					0	O		$\triangle$		O
eci	With bowl guard	-C	$^{\odot}$	$\odot$			$\odot$				0		$\triangle$	O	
sb	Drain guide 1/4	_J	O			0	0	0			0		$\triangle$		O
nal	Flow direction: Right to left	-R	0	0	0	O	O	0	0	0		0	$\triangle$	O	O
otio	Drain cock with barb fitting: ø6 x ø4 nylon tube	-W	0				O				0		$\triangle$		O
õ	Name plate and caution plate for bowl in imperial units (PSI, °F)	-Z	$\triangle$		$\triangle$	$\triangle$									

AFD20





AFD30

AFD40





	1/8	1/4	1/4								
Port size	., •	., .	3/8	3/4							
	1/4	3/8	1/2								
Fluid		A	ir								
Proof pressure		1.5MPa									
Maximum operating pressure		1.0	MPa								
Minimum operating pressure	0.05MPa										
Ambient and fluid temperature		–5 to 60°C (wi	th no freezing)								
Rated flow L/min (ANR) Note 1)	120	240 600		600							
Nominal filtration rating		0.01µm (95% filte	ered particle size)								
Outlet side oil mist concentration	Max.0.1 <sup>mg</sup> /m <sup>3</sup> (ANR) (I	pefore saturated with oil: 0	.01 <sup>mg</sup> /m <sup>3</sup> (ANR) or less, a	approx. 0.008ppm) <sup>Note 2)</sup>							
Bowl material		Polyca	rbonate								
Bowl guard	Option		Standard								
Drain capacity (cm <sup>3</sup> )	8	25	45	45							
Weight (kg)	0.18	0.22	0.44	0.49							
Note 1) When the inlet pressure is	0 7MPa. The flow rate va	ries depending on the inlet	pressure								

AFD30

AFD40

AFD40-06

Note 1) When the inlet pressure is 0.7MPa. The flow rate varies depending on the inlet pressure Note 2) When the compressor oil mist discharge concentration is 30mg/m<sup>3</sup> (ANR).

#### Accessory part no.

Standard specifications

Model

Accessery part no.								
Applicab Accessory	AFD20		AFD30		AFD40	AFD40-06		
Bracket assembly Note	AF20P-050AS	AF3	0P-050AS	AF4	0P-050AS	AF40P-070AS		
Note 2)	N.O.	—	AD38	AD38N <sup>Note 3)</sup>	AD48	AD48N <sup>Note 3)</sup>	AD48	AD48N <sup>Note 3)</sup>
Float type auto drain	N.C.	AD27	AD37	AD37N <sup>Note 3)</sup>	AD47	AD47N <sup>Note 3)</sup>	AD47	AD47N <sup>Note 3)</sup>
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Note 1) Assembly includes a bracket and 2 mounting screws

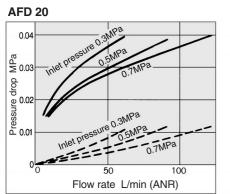
Note 2) Minimum operating pressure: N.O. type-0.1MPa; N.C. type-0.1MPa (AD27) and 0.15MPa (AD37/47).

Note 3) When "N" is specified in the end of part number of auto drain, applicable tube O.D should be ø3/8".

# AFD20/30/40

#### Flow Characteristics (Representative values)

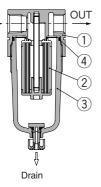
: When saturated with oil \_ \_ \_ \_ : Initial state





IN





Float type auto drain (N.C.)

**AFD 30** 0.04

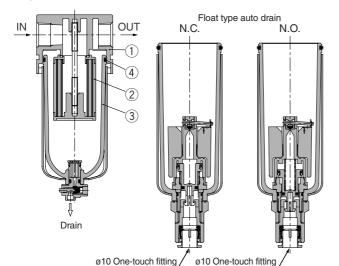
MPa

0.03

Pressure drop 1 0.0



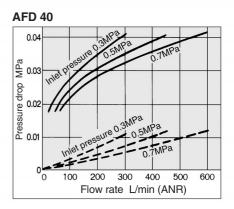
#### AFD30, 40

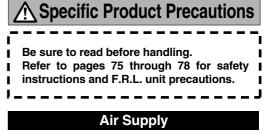


#### Parte liet

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No	Description		[		Note								
INO.	Description	AFD2	0 A	FD30, AFD4	10, AFD40-0	6	Note						
1	Body	Zinc die-	cast	Aluminum	n die-cast	Platin	um silver						
Replacement parts													
No.	Dooorin	tion	Material	Part no.									
INO.	Description		material	AFD20	AFD30	AFD40	AFD40-06						
2	Element as	sembly	sembly –		AFD30P-060AS	AFD40P-060AS	AFD40P-060AS						
3	Bowl asser	mbly Note 1)	PC	C2SF	C3SF Note 2)	C4SF Note 2)	C4SF Note 2)						

Bowl O-ring NBR C2SFP-260S C3SFP-260S C4SFP-260S C4SFP-260S Note 1) Including O-Ring. Contact P/A regarding the bowl assembly supply for PSI and °F unit specifications Note 2) Bowl assembly for AFD30 to AFD40-06 includes a bowl guard (steel band material).





## 

TMPa

200

150

100

Flow rate L/min (ANR)

- 1. Install a mist separator (Series AFM) as a preliminary filter on the inlet side of the micromist separator to prevent premature clogging.
- 2. Do not install on the inlet side of the dryer as this can cause premature clogging of the element.

#### Maintenance

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1. Replace the element every 2 years or when the pressure drops becomes 0.1MPa, whichever comes first, to prevent damage to the element.

#### Design

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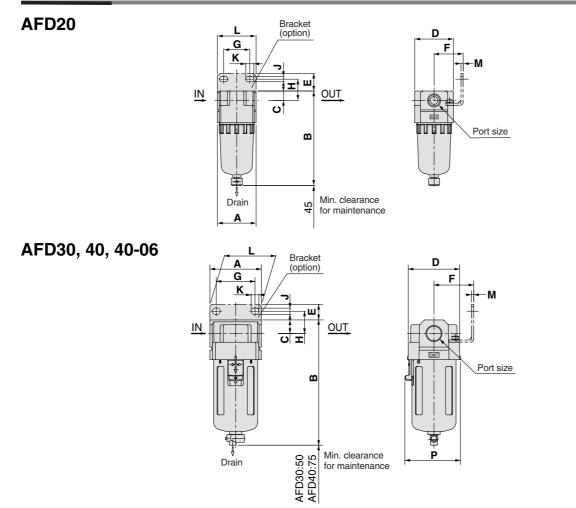
1. Design the system so that the mist separator is installed in a pulsation-free location. The difference between internal and external pressure inside the element should be kept within 0.1MPa, as exceeding this value could cause damage.

#### Selection

#### Caution

- 1. Do not allow air flow that exceeds the rated flow. If the air flow is allowed outside the range of the rated flow even momentarily, drainage and lubricant may splash at the outlet side or cause damage to the component.
- 2. Do not use in a low pressure application (such as a blower). F.R.L. unit has its own minimum operating pressure depending on the equipment and is designed specifically to function with compressed air. If used below the minimum operating pressure, a loss of performance and malfunction can occur. Contact P/A if an application under such conditions cannot be avoided.

#### **Dimensions**



Applicable model	AFE	020	AFD30, AFD40, AFD40-06							
	With compact auto drain (N.C.) Metal bowl		With auto drain (N.O./N.C.)	Metal bowl	Metal bowl with level gauge	With drain guide	Drain cock with barb fitting			
Optional specifications	<u>M5 x 0.8</u>		N.O.: Black N.C.: Gray Ø10 One-touch fitting	B	B B	1/4 Width across flats 17	Barb fitting Applicable tubing: T0604			

Model	Port size	Standard specification				Accessory specification									
		Standard Specification					With bracket							With auto drain	
		Α	В	С	D	Р	E	F	G	н	J	к	L	М	В
AFD20	1/8, 1/4	40	97	10	40		18	30	27	22	5.4	8.4	40	2.3	115
AFD30	1/4, 3/8	53	129	14	53	57	16	41	40	23	6.5	8	53	2.3	170
AFD40	1/4, 3/8, 1/2	70	165	18	70	73	17	50	54	26	8.5	10.5	70	2.3	204
AFD40-06	3/4	75	169	20	70	73	14	50	54	25	8.5	10.5	70	2.3	208

	Optional specification										
Model	With drain guide	With barb fitting	Metal bowl	Metal bowl with level gauge							
	В	В	В	В							
AFD20	_	_	97	_							
AFD30	136	137	142	162							
AFD40	172	173	178	198							
AFD40-06	176	177	182	202							