





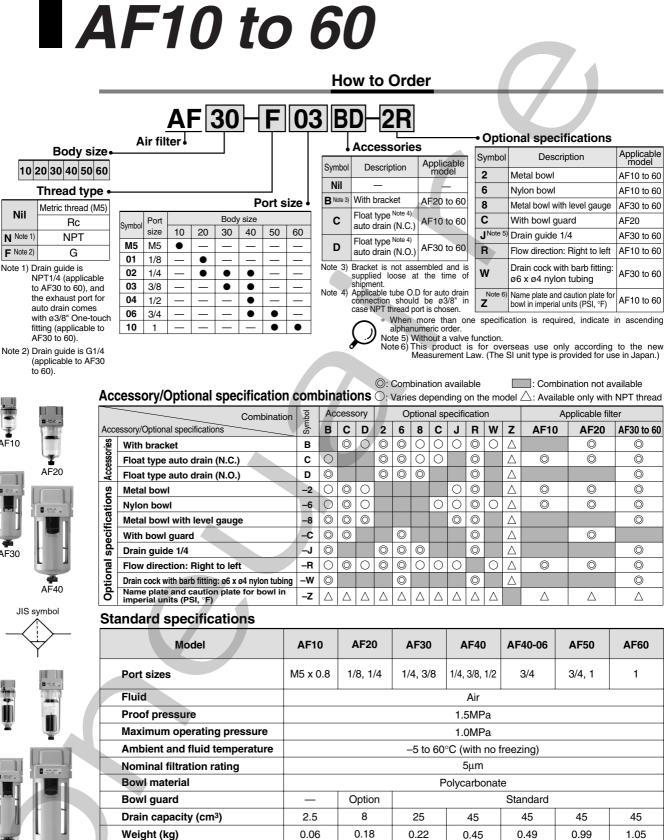
Modular Type Air Filter Series AF

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
F	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	0.3	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		





OWER O AIRE **Air Filter** AF10 to 60



ORDER ONLINE

Accessory part no.

With auto drain

AF10

1E30

JIS symbol

Access		plicable model	AF10	AF20	AF30	AF40	AF40-06	AF50	AF60
Brack	et assembly	Note 1)	_	AF20P-050AS	AF30P-050AS	AF40P-050AS	AF40P-070AS	AF50P-050AS	AF50P-050AS
Float type Note 2)		N.O.	_	—	AD38 AD38NNote 3)	AD48 AD48NNote 3)	AD48 AD48NNote 3)	AD48 AD48NNote 3)	AD48 AD48NNote 3)
auto drain	N.C.	AD17	AD27	AD37 AD37NNote 3)	AD47 AD47NNote 3)	AD47 AD47NNote 3)	AD47 AD47NNote 3)	AD47 AD47NNote 3)	

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".







Control of the

4000

0 1

2000

0.10

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0

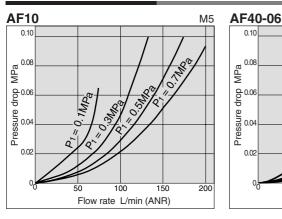
Rc 3/4

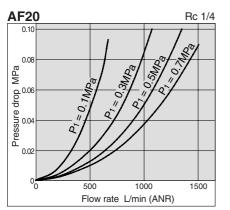
6000

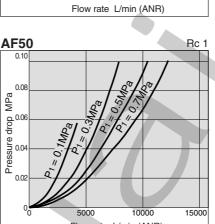
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AF10 to 60

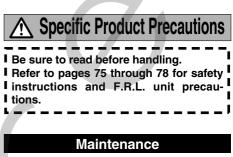
Flow Characteristics (Representative values)





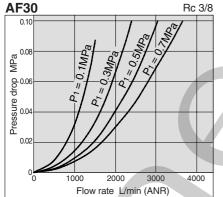


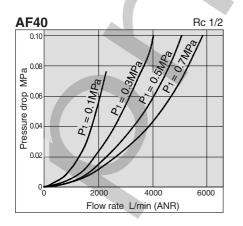
Flow rate L/min (ANR)

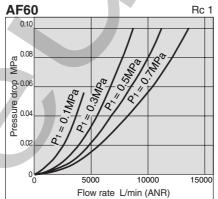


▲Warning

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



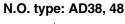


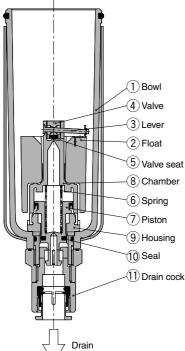


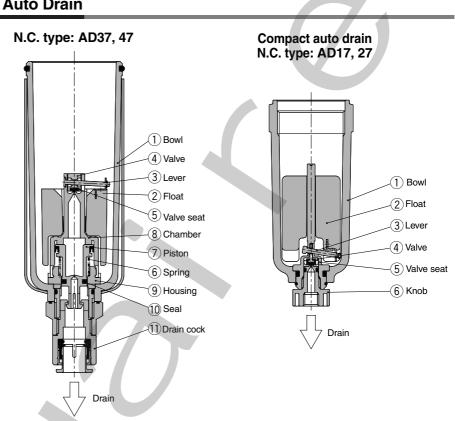
AF10 to 60



Operation Principle: Float Type Auto Drain







• When the pressure inside the bowl is released:

When pressure is released from the bowl (1), piston $(\overline{\emph{O}})$ 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 3 and drain cock 0.

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 \bigcirc surpasses the force of spring \bigcirc , and the piston goes up.

This pushes seal (0) 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, $\fbox{5}.$

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 (1), the combined force of spring (6) and the pressure inside the bowl (1), keeps piston (7) 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 $(\widehat{\mathcal{O}})$ downwards.

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 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).

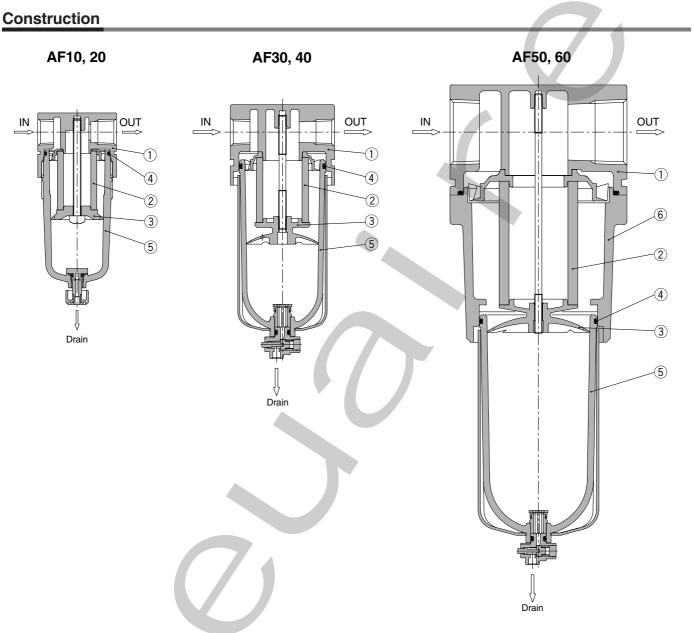
Turning knob (6) manually counterclockwise lowers it and causes the sealing action of valve seat (5) to be interrupted, thus allowing the condensate to drain out.







Air Filter **AF10 to 60**



Parts list

Decoription		Material		Color
Description	AF10, 20	AF30, 40, 40-06	AF50, 60	0000
Body	Zinc die-cast	Aluminun	n die-cast	Platinum silver
Housing		_	Aluminum die-cast	Platinum silver
		AF10, 20 Body Zinc die-cast	Description AF10, 20 AF30, 40, 40-06 Body Zinc die-cast Aluminum	Description AF10, 20 AF30, 40, 40-06 AF50, 60 Body Zinc die-cast Aluminum die-cast

Air filter replacement parts

No	No. Description	Material		Part no.						
NO.		Material	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)	

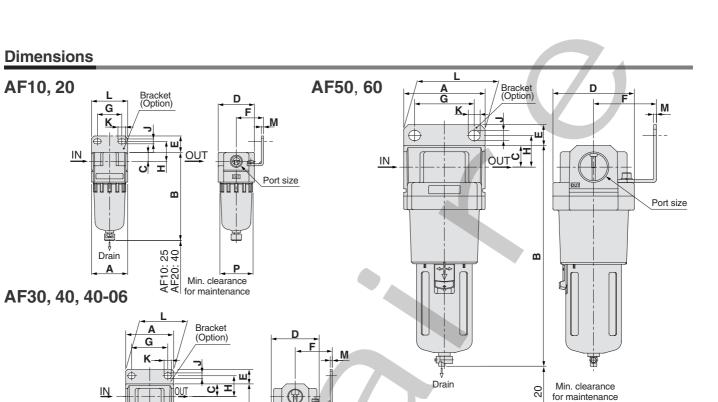
Note 1) The material of the baffle for AF10 (AF10P-040S) only is POM. Note 2) Contact P/A regarding the bowl assembly supply for PSI and °F unit specifications. Note 3) Bowl assembly for AF30 to 60 models comes with a bowl guard (steel band material).





ORDER ONLINE

AF10 to 60



	Dra	Min cloarance	AF40: 75				
Applicable model	AF10,	AF20		AF30, A	AF40, AF40-06, AF50), AF60	
	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	м м м5 х 0.8		N.O.: Black N.C.: Gray o10 One-touch			1/4 Width across flats 17	Bath fitting Applicable tubing: T0604

Port size

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m

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			Stand	ard an acifi	action		Accessory specification								
Model	Port size		Standard specification					Br	acket mo	ounting si	ze			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	ł	—	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.

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	nent	Low temperature	High temperature	
Ambient temperature		–30 to 60°C	–5 to 80°C	
Fluid ten	emperature -5 to 60°C (with no freezing)			
Material	Rubber parts	Special NBR	FPM	
Material	Main parts	Metal (Aluminum 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

ORDER

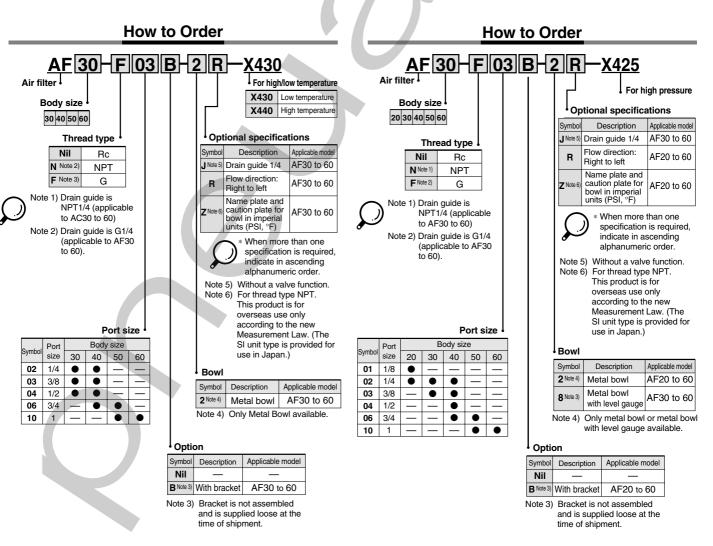
Strong materials are used in the manufacturing of air filters intended for high pressure operation.

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

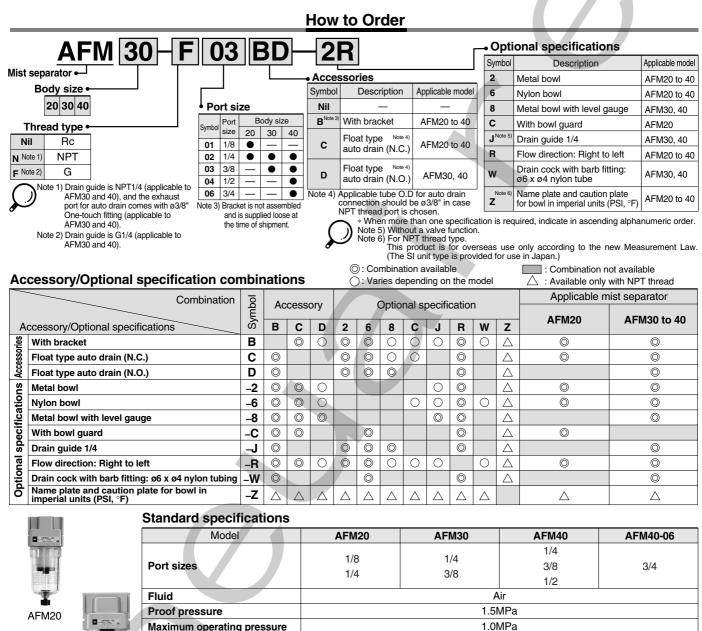


Note) Contact P/A regarding the detailed dimensions and optional availability.











	i i dei pi dedui d								
	Maximum operating pressure		1.0N	ЛРа					
	Minimum operating pressure		0.05	MPa					
	Ambient and fluid temperature		–5 to 60°C (wi	th no freezing)					
	Rated flow L/min (ANR) Note 1)	200	450	1100					
	Nominal filtration rating	0.3µm (95% filtered particle size)							
*	Outlet side oil mist concentration	Max	kimum 1.0 ^{mg} /m ³ (ANF	R) (approx. 0.8ppm) No	ote 2)				
FM30	Bowl material		Polycarbonate						
	Bowl guard	option	Standard						
	Drain capacity (cm ³)	8	25	45					
	Weight (kg)	0.18	0.22	0.44					

AFM40

JIS symbol



Applicable model Accessory		AFM20		AFM30		AFM40	AFM40-06		
Bracket assembly Note 1)		AF20P-050AS	AF3	0P-050AS	AF4	0P-050AS	AF40P-070AS		
Float type Note 2)	N.O.	_	AD38	AD38N ^{Note 3)}	AD48	AD48N ^{Note 3)}	AD48	AD48N ^{Note 3)}	
auto drain	N.C.	AD27	AD37	AD37N ^{Note 3)}	AD47	AD47N ^{Note 3)}	AD47	AD47N ^{Note 3)}	

1100

45

0.49

Note 1) Assembly includes a bracket and 2 mounting screws

Accessory part no.

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".



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/m³ (ANR).



Mist Separator AFM20/30/40

Flow Characteristics (Representative values) AFM20 AFM30 AFM40 0.04 0.04 0.04 NPO а М 0.03 dy 0.03 d ≥ 0.03 drop Pressure drop drop 0.02 Dressure d D.02 0.02 ar 0.3MP Press 0.0 0.0 MPa 0.7MP 0.7M 50 100 150 200 200 300 400 500 600 200 400 600 800 1000 100 0 Flow rate L/min (ANR) Flow rate L/min (ANR) Flow rate L/min (ANR) Construction Specific Product Precautions AFM20 IN OUT Float type auto drain (N.C.) Be sure to read before handling. Refer to pages 75 through 78 for 1 safety instructions and F.R.L. unit 3 precautions. 2 Air Supply 4 Caution 1. Install an air filter (Series AF) as a preliminary filter on the inlet side of the mist separator to prevent premature clogging. Drain 2. Do not install on the inlet side of the dry-M5 x 0.8 er as this can cause premature clogging AFM30, 40 of the element. Maintenance IN OUT Float type auto drain N.O. N.C. AWarning 1 1. Replace the element every 2 years or 3 when the pressure drop becomes 0.1MPa, whichever comes first, to prevent damage to the element. Δ Design ▲Caution 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 exĥ ceeding this value could cause damage. Drain Selection ø10 One-touch fitting ø10 One-touch fitting **∿**Caution 1. Do not allow air flow that exceeds the Parts list rated flow. If the air flow is allowed out-Material side the range of the rated flow even mo-Description Note No. AFM20 AFM30, AFM40, AFM40-06 mentarily, drainage and lubricant may splash at the outlet side or cause dam-Zinc die-cast 1 Body Aluminum die-cast Platinum silver age to the component. **Replacement parts** 2. Do not use in a low pressure application (such as a blower). F.R.L. unit has its Part no. No. Description Material own minimum opérating pressure depending on the equipment and is de-

ower Oaire

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 C4SEP-260S C4SFP-260S Bowl assembly Note 1) C3SF Note 2) C4SF Note 2) 4 PC C2SF C4SF Note 2)

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



signed specifically to function with compressed air. If used below the minimum

operating pressure, a loss of perform-

ance and malfunction can occur. Contact

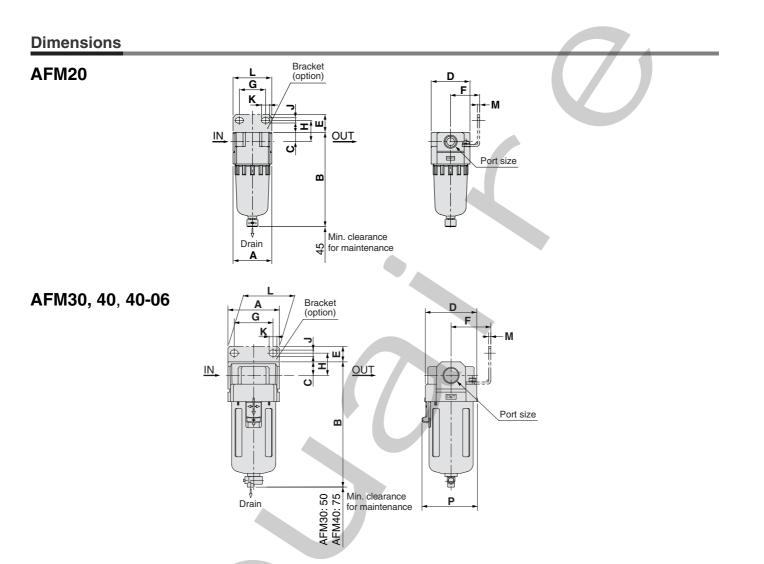
P/A if an application under such condi-

tions cannot be avoided.



AFM20/30/40



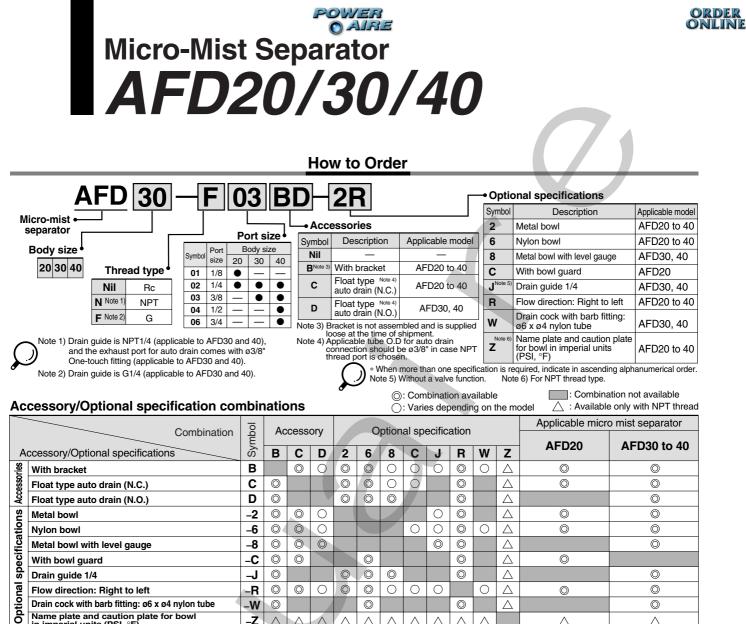


Applicable model	AFI	M20		AFM30, AFM40, AFM40-06								
	With auto drain (N.C.)	Metal bowl	With auto drain (N.O./N.C.)	Metal bowl	Metal bowl with level gauge	With drain guide	Drain cock with barb fitting					
Optional specifications	M5 x 0.8		N.O.: Black N.C.: Gray Ø10 One-touch fitting	B	B B	Midth across flats 17	Applicable tubing: T0604					

		Ctandard aposition						Accessory specification							
Model	Port size	Standard specification				With bracket								With auto drain	
		Α	В	С	D	Р	Е	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							





ns	Metal bowl	-2	0	0	0					0	0		\triangle	O	O
<u></u>	Nylon bowl	-6	0	0	0				0	0	0	0	\triangle	O	O
E E	Metal bowl with level gauge	-8	O	O	0					0	O		\triangle		O
eci	With bowl guard	-C	\odot	O			O				0		\triangle	O	
sp	Drain guide 1/4	J_J	0			0	0	0			0		\triangle		O
na	Flow direction: Right to left	-R	0	0	0	0	0	0	0	0		0	\triangle	O	O
	Drain cock with barb fitting: ø6 x ø4 nylon tube	-W	O				0				0		\triangle		O
5	Name plate and caution plate for bowl in imperial units (PSI, °F)	-Z	\triangle	Δ	Δ	Δ	\triangle	Δ	\triangle	\triangle	\triangle	\triangle		\triangle	Δ

Standard	specifications
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AFD20	
ILI	

AFD30

Model	AFD20	AFD30	AFD40	AFD40-06						
Port size	1/8 1/4	1/4 3/8	1/4 3/8 1/2	3/4						
Fluid		A	ir							
Proof pressure		1.5MPa								
Maximum operating pressure		1.0MPa								
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 ^{mg} /m ³ (ANR) (b	efore saturated with oil: 0	.01 ^{mg} /m ³ (ANR) or less, a	approx. 0.008ppm) Note 2)						
Bowl material		Polycar	rbonate							
Bowl guard	Option		Standard							
Drain capacity (cm ³)	8	25	45	45						
Weight (kg)	0.18	0.22	0.44	0.49						

. J Note 2) When the compressor oil mist discharge concentration is 30mg/m3 (ANR).

Accessory part no.

AFD40

Symbol



Applicable model Accessory		AFD20		AFD30		AFD40	AFD40-06		
Bracket assembly Note 1)		AF20P-050AS	AF3	0P-050AS	AF4	0P-050AS	AF40P-070AS		
Note 2)	N.O.	—	AD38	AD38N ^{Note 3)}	AD48	AD48N ^{Note 3)}	AD48	AD48N ^{Note 3)}	
Float type auto drain	N.C.	AD27	AD37	AD37N ^{Note 3)}	AD47	AD47N ^{Note 3)}	AD47	AD47N ^{Note 3)}	

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".



POWER O AIRE

AFD20/30/40

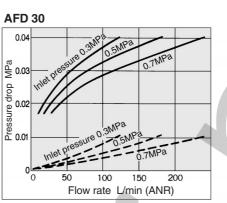
Flow Characteristics (Representative values)

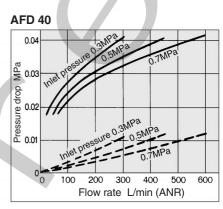
0.3MPa

Flow rate L/min (ANR)

0.7MPa

100





: When saturated with oil

: Initial state

Construction

Inlet pr

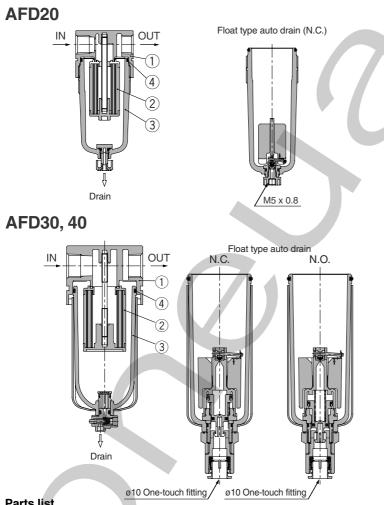
AFD 20

0.04

MPa 0.03

Dressure o

drop



Fait	is list										
No	Description		Note								
INO.	Description	AFD20	AFD30, AFD40, AFD40-06	NOLE							
1	Body	Zinc die-cast	Aluminum die-cast	Platinum silver							
Rep	Replacement parts										

No.	Description	Material	Part no.									
	Description	Material	AFD20	AFD30	AFD40	AFD40-06						
2	Element assembly	—	AFD20P-060AS	AFD30P-060AS	AFD40P-060AS	AFD40P-060AS						
3	Bowl assembly Note 1)	PC	C2SF	C3SF Note 2)	C4SF Note 2)	C4SF Note 2)						
4	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).

▲ 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

- 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

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

∆Caution

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

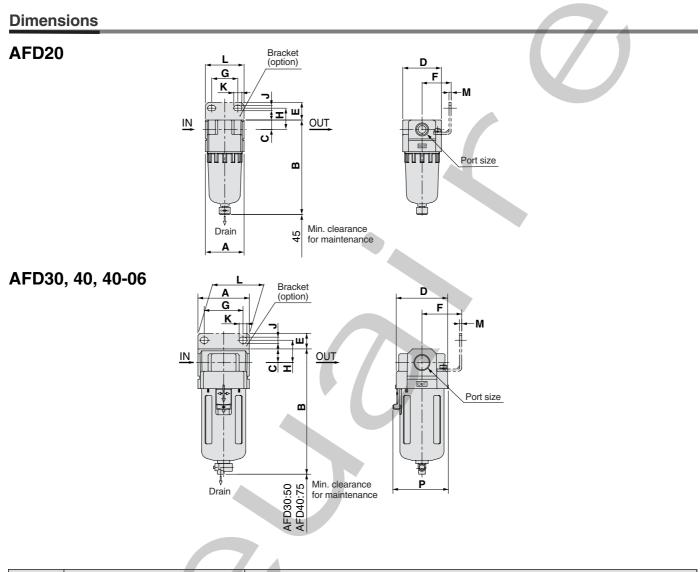
- 1. Do not allow air flow that exceeds the rated flow. If the air flow is allowed outside the range of the rated flow even momentarily, drainage and lubricant may splash at the outlet side or cause damage to the component.
- 2. Do not use in a low pressure application (such as a blower). F.R.L. unit 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.











Applicable model	AFD	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	м м М5 х 0.8		N.O.: Black N.C.: Gray Ø10 One-touch fitting	B	B	1/4 Width across flats 17	Barb fitting Applicable tubing: T0604					

		Accessory specification								
d specification		With bracket						With auto drain		
C D	Р	Е	F	G	н	J	К	L	М	В
10 40	_	18	30	27	22	5.4	8.4	40	2.3	115
14 53	57	16	41	40	23	6.5	8	53	2.3	170
18 70	73	17	50	54	26	8.5	10.5	70	2.3	204
20 70	73	14	50	54	25	8.5	10.5	70	2.3	208
	10 40 14 53 18 70	10 40 14 53 57 18 70 73	10 40 — 18 14 53 57 16 18 70 73 17	10 40 — 18 30 14 53 57 16 41 18 70 73 17 50	10 40 — 18 30 27 14 53 57 16 41 40 18 70 73 17 50 54	C D P E F G H 10 40 18 30 27 22 14 53 57 16 41 40 23 18 70 73 17 50 54 26	C D P E F G H J 10 40 18 30 27 22 5.4 14 53 57 16 41 40 23 6.5 18 70 73 17 50 54 26 8.5	C D P E F G H J K 10 40 18 30 27 22 5.4 8.4 14 53 57 16 41 40 23 6.5 8 18 70 73 17 50 54 26 8.5 10.5	C D P E F G H J K L 10 40 18 30 27 22 5.4 8.4 40 14 53 57 16 41 40 23 6.5 8 53 18 70 73 17 50 54 26 8.5 10.5 70	C D P E F G H J K L M 10 40 18 30 27 22 5.4 8.4 40 2.3 14 53 57 16 41 40 23 6.5 8 53 2.3 18 70 73 17 50 54 26 8.5 10.5 70 2.3

	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					

