

Operation Manual

PRODUCT NAME

MICRO MIST SEPARATOR

MODEL/ Series

AFD20- (F, N) 01 \sim (F, N) 02 (B, C) (-2, 6, C, J, R, Z)

AFD30- (F, N) 02~ (F, N) 03 (B, C, D) (-2, 6, 8, J, R, W, Z)

AFD40- (F, N) $02 \sim$ (F, N) 04 (B, C, D) (-2, 6, 8, J, R, W, Z)

AFD40- (F, N) 06 (B, C, D) (-2, 6, 8, J, R, W, Z)

SMC Corporation

Contents	
	PAGE
1. PRECAUTIONS FOR SAFETY	1~4
	7.000
2. APPLICATION	5
3. SPECIFICATIONS	5
4. HOW TO ORDER	5
5. MAXIMUM APPLICABLE FLOW RATE	6
6. TROUBLE SHOOTING	6
7. CONSTRUCTION / PARTS LIST	7
7. CONSTRUCTION / PARTS LIST	7
8. SPECIFICATIONS OF BOWL ASSEMBLY	8~10
	0 10
9. HOW TO REPLACEMENT	11
10. DISASSEMBLY DRAWING	12~13
11. DIMENSIONS	14





MICRO MIST SEPARATOR **Safety Instructions**

These safety instructions are intended to prevent hazardous situations and/or equipment damage.

These instructions indicate the level of potential hazard with the labels of "Caution," "Warning" or "Danger."

They are all important notes for safety and must be followed in addition to International Standards (ISO/IEC). Japan Industrial Standards (JIS)*1) and other safety regulations*2).

*1) ISO 4414: Pneumatic fluid power -- General rules relating to systems ISO 4413: Hydraulic fluid power -- General rules relating to systems

IEC 60204-1: Safety of machinery -- Electrical equipment of machines (Part 1: General requirements)

ISO 10218-1992: Manipulating industrial robots -- Safety

JIS B 8370: General rules for pneumatic equipment.

JIS B 8361: General rules for hydraulic equipment.

JIS B 9960-1: Safety of machinery - Electrical equipment for machines. (Part 1: General requirements)

JIS B 8433-1993: Manipulating industrial robots - Safety. etc.

*2) Labor Safety and Sanitation Law, etc.



Caution

Operator error could result in injury or equipment damage.



Warning

Operator error could result in serious injury or loss of life.



In extreme conditions, there is a possibility of serious injury or loss of life.

Narning

1. The compatibility of the product is the responsibility of the person who designs the equipment or decides its specifications.

Since the product specified here is used under various operating conditions, its compatibility with specific equipment must be decided by the person who designs the equipment or decides its specifications based on necessary analysis and test results.

The expected performance and safety assurance of the equipment will be the responsibility of the person who has determined its compatibility with the product.

This person should also continuously review all specifications of the product referring to its latest catalog information, with a view to giving due consideration to any possibility of equipment failure when configuring the equipment.

2. Only personnel with appropriate training should operate machinery and equipment.

The product specified here may become unsafe if handled incorrectly.

The assembly, operation and maintenance of machines or equipment including our products must be performed by an operator who is appropriately trained and experienced.

3. Do not service or attempt to remove product and machinery/equipment until safety is confirmed. The inspection and maintenance of machinery/equipment should only be performed after measures to prevent falling or runaway of the driven objects have been confirmed.

When the product is to be removed, confirm that the safety measures as mentioned above are implemented and the power from any appropriate source is cut, and read and understand the specific product precautions of all relevant products carefully.

Before machinery/equipment is restarted, take measures to prevent unexpected operation and malfunction.

- 4. Contact SMC beforehand and take special consideration of safety measures if the product is to be used in any of the following conditions.
 - 1) Conditions and environments outside of the given specifications, or use outdoors or in a place exposed to direct sunlight.
 - 2) Installation on equipment in conjunction with atomic energy, railways, air navigation, space, shipping, vehicles, military, medical treatment, combustion and recreation, or equipment in contact with food and beverages, emergency stop circuits, clutch and brake circuits in press applications, safety equipment or other applications unsuitable for the standard specifications described in the product catalog.
 - 3) An application which could have negative effects on people, property, or animals requiring special safety analysis.
 - 4) Use in an interlock circuit, which requires the provision of double interlock for possible failure by using a mechanical protective function, and periodical checks to confirm proper operation.



MICRO MIST SEPARATOR Safety Instructions

Caution

The product is provided for use in manufacturing industries.

The product herein described is basically provided for peaceful use in manufacturing industries.

If considering using the product in other industries, consult SMC beforehand and exchange specifications or a contract if necessary.

If anything is unclear, contact your nearest sales branch.

Limited warranty and Disclaimer/Compliance Requirements

The product used is subject to the following "Limited warranty and Disclaimer" and "Compliance Requirements".

Read and accept them before using the product.

Limited warranty and Disclaimer

The warranty period of the product is 1 year in service or 1.5 years after the product is delivered. Also, the product may have specified durability, running distance or replacement parts. Please consult your nearest sales branch.

For any failure or damage reported within the warranty period which is clearly our responsibility, a replacement product or necessary parts will be provided.

This limited warranty applies only to our product independently, and not to any other damage incurred due to the failure of the product.

Prior to using SMC products, please read and understand the warranty terms and disclaimers noted in the specified catalog for the particular products.

Compliance Requirements

When the product is exported, strictly follow the laws required by the Ministry of Economy, Trade and Industry (Foreign Exchange and Foreign Trade Control Law).

Precautions for design



WARNING

- ① Consult SMC if no leakage is allowed due to the environment, or operating fluid is not air
- ② External parts including the bowl are made of resin. Organic solvents including synthetic fluid, chemicals including acetone, alcohol, ethylene chloride, sulphuric acid, nitrate, hydrochrolic acid, cutting oil, kerosene, gasoline, lock material of screw are harmful. Don't use the regulator where containing those.
- ③ Avoid the application where charge and discharge of pressure to standard bowl is switched frequently. The bowl may be broken. For this kind of application, the metal bowl is recommended.
- 4 Protect from ultra violet ray and radiation heat by shield.



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.
- ② AD27 with auto drain may leak the drain pooled there during exhaust of pressure. (This leakage is allowed in their constructions and not failure.) Be sure to connect piping for drain.

Selection



WARNING

- ① Mineral grease used for internal packing may leak to the outlet side. Please contact SMC if this is a problem.
- ② N.O type auto drain should be used under the following requirements to avoid operating failure. Output of compressor: 0.75kW or more.

Discharged flow rate: 100L/min (ANR) or more.

If multiple auto drains are used, confirm used compressor has capacity over the result of multiplying the above capacity and the number of used auto drains.

[For example, in case of two auto drain, the compressor need the capacity over 1.5kW [200L/min (ANR)].]

③ N.C. type auto drain should be used under the following requirements to avoid operating failure.

Operating pressure: 0.1MPa at min. for AD27, 0.15MPa at min. for AD37 and 47.



CAUTION

- 1 Do not allow air flow that exceeds the rated flow.
 - If the air flow is allowed outlet side 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 and is designed specifically to function with compressed air. If used below the minimum operating pressure, a loss of performance and malfunction can occur.

Installation



CAUTION

- ① Don't drop nor apply impact during transportation or installation. It causes damage of the product and malfunction.
- ② Don't install where highly humid or temperature is high. It causes damage of the product and malfunction.
- ③ Connect the micro mist separator ensuring the direction of "IN" and "OUT" for air direction or an arrow. Wrong connection lead to cause malfunction.
- Install vertically so that outlet of drain would turned downward.

 Use with the outlet of drain turned lateral or upward causes malfunction.
- (5) Make a space to provide easy access at the bottom when replacing element or draining.dimensions. For dimensions of the space, refer to Outside

Piping



WARNING

- Than the state of these lead to cause malfunction.
- ② When screw in piping or fitting, avoid entering of chips and sealing materials from piping screws into the inside of equipment. Or malfunction is led to occur. When use sealing tapes, leave 1.5~2 threads of a screw and starts taping.

Piping

3 Hold the female screw side and screw in piping with recommended tightening torque. Insufficient tightening torque lead to cause loose piping or sealing failure. Excessive torquemay lead to cause screw breakage. Tightening without holding female screw side applies 'excessive force to the piping bracket which lead to cause breakage.

Recommen	ided torque	unit:N•	m		
Screw	1/8	1/4	3/8	1/2	3/4
Torque	7~9	12~14	22~24	28~30	28~30

- 4 Don't apply any torsional moment, or bending moment except the weight of the regulator itself. External pipings need its support separately. Hard piping like steel tube is susceptible to excessive moment load or vibration. Insert the flexible tube to cancel the influence
- (5) Drain guide is not equipped with valve function. Be sure to connect piping for drain. No piping for drain allows the drain and compressed air to exhaust freely. Also, the piping should be performed with drain guide held by spanner to prevent breakage of bowl.
- (6) The piping for drain from auto drain should be connected under the following requirements to avoid operating failure.

AD27: I.D. ϕ 2.5 (ϕ 3/32") at min., Length 5m (200") at max.

AD37, 47(N): I.D. ϕ 4 (ϕ 3/16") at min., Length 5m (200") at max.

AD38, 48(N): I.D. ϕ 6.5 (ϕ 1/4") at min., Length 5m (200") at max.

Air Source



WARNING

- ① Use clean air. Compressed air containing chemicals, organic solvent, synthetic oil or corrosive gas may lead to cause breakage of parts or malfunction.
- 2 Air containing much drain lead to cause malfunction. Install the air drier or the after-cooler before the micro mist separator.



CAUTION

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

Maintenance



WARNING

- Maintenance or check should be done by following the procedure in the operation manual. Incorrect handling of the product may cause breakage or malfunction of the equipment or device.
- 2 Perform periodical check to find crack, flaw or other deterioration on resin bowl. If any of them is seen, as malfunction is caused, replace with new bowl or metal bowl.
- 3 Check the dirt of resin bowl periodically. If any dirt is seen, replace with new bowl. And if removing off the dirt by washing instead of replacement, never use washing material other than neutral detergent. Otherwise, the bowl is damaged.
- Open and close drain cock manually. Open and close by a too may damage the drain cock.
- (5) Replace the element before 2 years passed since purchase or pressure drop from initial outlet pressure reaches 0.1MPa. Or the element is broken.

Λ

CAUTION

- 1 Drain the bowl by opening drain cock before the drain level in the bowl reaches element
- ② Check the element periodically and replace it with new one if necessary.
 If it is found that secondary pressure lowers or the flow is restricted, check the condition of element.
- ③ The manual exhaust for emergency case can be performed by counterclockwise rotation of the handle in AD27. (○←direction)
 - For AD37, 38, 47 and 48, rotate the drain cock counterclockwise in that case.(O←direction)

2. APPLICATION

This instrument aims at, eliminating oil of the air line and solid foreign material of air lines.

3. SPECIFICATIONS

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		P	Air										
Proof pressure		1.5	MPa										
Max. operating pressure		1.0	MPa										
Min. operating pressure		0.08	5MРa										
Ambient and fluid temperature		-5~60°C(Should be no freezing)											
^{Note1)} Flow rate[L∕min(ANR)]	120	600											
Filtration		$0.01\mu\mathrm{m}$ (FILTRATIC	N EFECIENCY 99.9%)										
Note2)Oil mist density at the out side	MAX.0.1mgf/Nm ³ (ANR)[before saturated wi	ith oil : 0.01mg/m³(ANR)or	less, ≒0.008ppm]									
Element life expectancy		For 2 years or when pres	sure drop reaches 0.1MPa	3									
Drain capacity (cm ³)	8	25	45	45									
Mass (kg)	0.10	0.22	0.44	0.49									
Note ³⁾ Bowl guard	Δ	0	0	0									

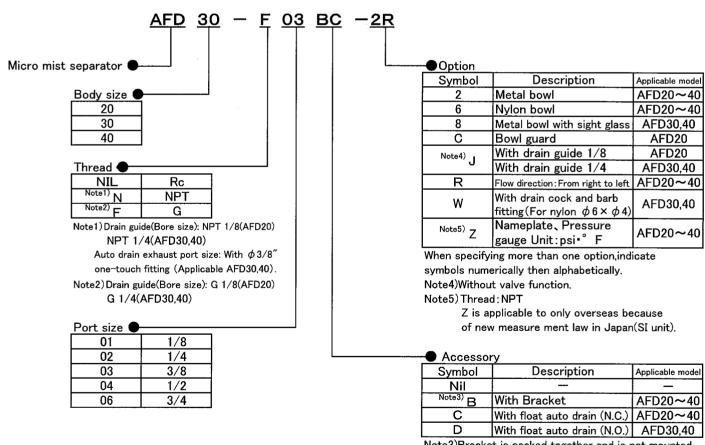
Note1)The inlet pressure is 0.7MPa. (The rated flow is different according to the inlet pressure.)

Note2) When oil mist density of the compressor exhaust is 30mgf/Nm³(ANR).

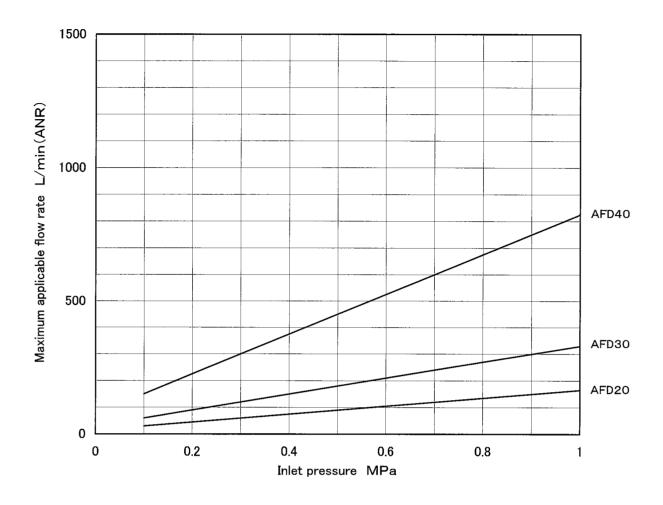
A little amount of grease is used for bowl O ring and other O rings.

Note3)O: Combinable to standard △: Combinable to option

4. HOW TO ORDER



5. MAXIMUM APPLICABLE FLOW RATE



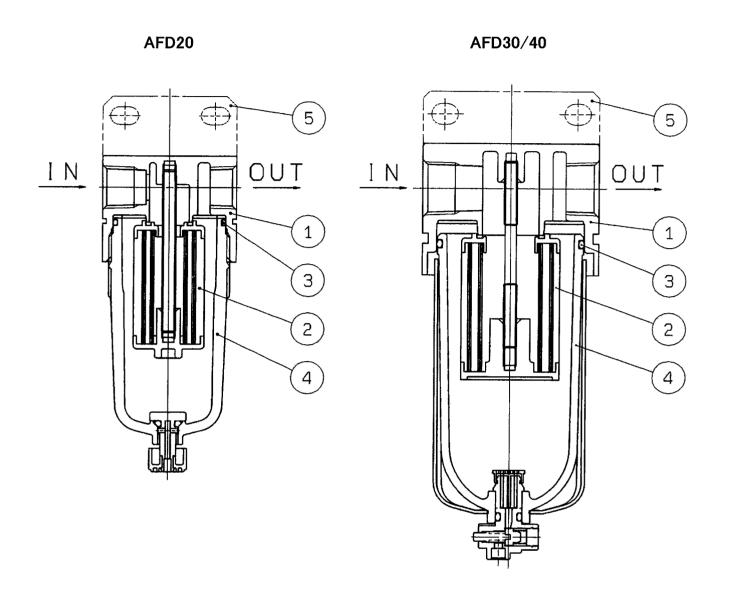
6. TROUBLESHOOTING

Refer to \[\frac{\Gamma.CONSTRUCTION_J(P7),\Gamma10.DISASSEMBLY DRAWING_J(P12\sigmaP13).\]

Demarcation Phenomenon	TF	ROUBLE		POSSIBLE CAUSE		DEMEDY
Flow rate Provided Flow rate Provided Flow rat	Demarcation	Phenomenon		POSSIBLE CAUSE		REMEDY
the bowl and the body. Air leaks from the bowl. Air leaks from the drain cock. Draining isn't perfumed though the drain cock is opened. Operational Operational Too much drain comes from the piping the bowl and the body. Air leaks from the bowl. Air leaks from the bowl assembly or with meta bowl. Air leaks from the bowl assembly or with meta bowl. Air leaks from the bow	Flow rate	resistance reduces flow	1.	Clog of the element.	1.	Replace the element.
Air leaks the bowl. Air leaks from the drain cock. Draining isn't perfumed though the drain cock is opened. Operational Operational Operational Air leaks from the bowl. 1. The foreign matter caught in the valve of the drain cock for a few seconds for the drain cock. 2. Breakage of the seating part of the drain cock due to solid foreign matter etc. 1. Clock of outlet of the drain cock due to solid foreign matter etc. 1. Replace the bowl assembly. Operational Operational 1. Drain level reaches the element assembly. 1. Open the drain cock for draining and replace the element assembly.		the bowl and	1.	Breakage of *O" ring.	1.	_ ·
the drain cock. the drain cock. the drain cock. Breakage of the seating part of the drain cock. Draining isn't perfumed though the drain cock is opened. Operational Operational Too much drain comes from the piping the drain cock. the drain cock. Draining cock. 1. Clock of outlet of the drain cock due to solid foreign matter etc. 1. Replace the bowl assembly. To open the drain cock for draining and replace the element assembly.	Air leaks		1.	Breakage of bowl.	1.	Replace the bowl assembly or with metal bowl.
Draining isn't perfumed though the drain cock is opened. Operational Component of the drain cock due to solid foreign matter etc. Operational Component of the drain cock is opened. Too much drain comes from the piping cock of outlet of the drain cock due to solid foreign matter etc. 1. Replace the bowl assembly. Open the drain cock for draining and replace the element assembly.			1.		1.	Open the drain cock for a few seconds for blowing.
perfumed though the drain cock is opened. Operational Too much drain comes from the piping Solid foreign matter etc. Solid foreign matter etc. 1. Open the drain cock for draining and replace the element assembly.			2.		2.	Replace the bowl assembly.
Too much 1. Drain level reaches the element assembly. 1. Open the drain cock for draining and drain comes from the piping		perfumed though the drain cock is	1.		1.	Replace the bowl assembly.
	·	Too much drain comes from the piping	1.	Drain level reaches the element assembly.	1.	

Note) The grease used recommends JX Nippon oil & Energy corporation diamond multipurpose No.2.

7. CONSTRUCTION / PARTS LIST



Component Parts

	Description		Material		N - + -
	Description	AFD20	AFD30	AFD40(-06)	Note
1	Body	,	Aluminium die cas	t	Painted platinum silver

Option / Replacement Parts

	Description	Material		Part	no.									
	Description		AFD20	AFD30	AFD40	AFD40-06								
	Element assembly	-	AFD20P-060AS	AFD30P-060AS	AFD40P-060AS	AFD40P-060AS								
3	Bowl O ring	NBR	C2SFP-260S	C3SFP-260S	C4SFP-260S									
	Bowl assembly			· · ·										
4	Auto drain (N.C.)	Ref	er to 「8. SPECIF	ICATIONS OF BO	WL ASSEMBLY]	(P8~P10).								
	Auto drain(N.O.)													
5	^{Note1)} Bracket assembly	Steel plate	AF20P-050AS	AF30P-050AS	AF40P-050AS	AF40P-070AS								

Note1) Bracket with mounting screws.(2pcs)

Note2) The number in the table is corresponding to the number in structural drawing (avobe-mentioned figure) and $\lceil 8. \text{SPECIFICATIONS OF BOWL ASSEMBLY} \rfloor (P8 \sim P10), \lceil 10. \text{DISASSEMBLY DRAWING} \rfloor (P12 \sim P13)$

8. SPECIFICATIONS OF BOWL ASSEMBLY

1) Bowl assembly/Auto drain for AFD20

Accessory	_	Note2) C	-
Option	- 6	_ 6	J 6J
External appearance drawing Part no.	Option 「-」 (Standard) Port thread	Option F-J Port thread	Option 「J」 Port thread
Accessory	_	Note2)	_
Option	C 6C	C 6C	CJ 6CJ
External appearance drawing Part no.	Option 「C」 Port thread	Option 「C」 Port thread 《Part no. Rc AD27-C G NPT AD27-C(Z) Option 「6C」 Port thread 《Part no. Rc AD27-6C G NPT AD27-6C(Z) NPT AD27-6C(Z)	Option 「CJJ
Accessory		Note2) C	_
Option	2	2	2J
External appearance drawing Part no.	Port thread	Port thread	Port thread
	have full dimensions of the product Defer to	<u> </u>	

Note 1) B in the table shows full dimensions of the product. Refer to \$\(\Gamma\)11. DIMENSIONS \(\mathbf{j}\) (P14).

Note 2) Min. operating pressure is 0.1MPa.

Note 3) The part with no. ④ includes ③ Bowl O ring. Refer to 「10. DISASSEMBLY DRAWING」 (P12~P13).

Note 4) "Z" of the part with no. (4) is semi-standard for indicated unit of pressure and temperature, which is psi and F Note 5) The symbol for option and semi-standard are described as F4. HOW TO ORDERJ(P5).

2) Bowl assembly/Auto drain for AFD30

	W 6W	Option f Will Ro				Metal bowl with sight glass		\$ 45 E
1	ر9 ر	Port thread		23	Port thread @Part no. Ro GSSF-2J G GSSFN-2J(Z) NPT GSSFN-2J(Z)		8	Por thread (Part no. Rc C3LF-8J C3LF-8
Note2)	9	Port thread	Note2)	2	Port times @Part no.	Note2)	8	Per thread @Part no. D Re AD38-8 \$\phi 10 C G AD38-8 \$\phi 10 C AD
Note2) C	9	Deter thread (Spert no. D C C C C C C C C C	Note2)	2	Por thread (3-Part no. D Sept. no. D Sep	Note2) C	8	8
1	9	Option I – J (Standard) Ro G G C3SF G NPT C3SF(-Z) Option I 6 J Port thread @Part no. Ro G C3SF-6(Z)		2	Por thread @Part no. Rc C3SF-2 G NPT C3SF-2(Z)	I	∞	Port thread 《Part no. Ro GalF-8 G NPT C3LF-8(Z)
Accessory	Option	External appearance drawing Part no.	Accessory	Option	External appearance drawing Part no.	Accessory	Option	External appearance drawing Part no.

Note 2) Min. operating pressure is 0.15MPa for N.C. type and 0.1MPa for N.O. type.

Note 3) The part with no. ④ includes ③ Bowl O ring. Refer to Γ10. DISASSEMBLY DRAWINGJ (P12~P13).

Note 4) "Z" of the part with no. ④ is semi-standard for indicated unit of pressure and temperature, which is psi and °F

Note 6) The symbol for option and semi-standard are described as Γ4. HOW TO ORDERJ(P5).

3)Bowl assembly/Auto drain for AFD40

	M9 M	Port thread				Metal bowl with sight glass		
1	L9 L	Option fuj Port thread (4) Part no. Rc C4SF-J G C4SFF-J Option full Port thread (4) Part no. Rc C4SF-BJ G C4SFF-BJ MPT C4SFN-6/(2) Rc C4SFF-BJ G C4SFF-BJ NPT C4SFN-6/(2)		2.1	Port thread @Part no. Rc C4SF-2J G C4SFR-2J(Z) NPT O4SFN-2J(Z)		8	Port thread @Part no. Ro C4LF-8J G C4LF-8J NPT C4LFN-8J(Z)
Note2)	9 –	Option Γ - J Port thread @Part no. D For thread @Part no. D G AD48 φ 10 G AD48W-Z) φ 3/8" D:APPLOABLE TUBE B.MX Porting fig Part no. D Rc AD48"-6 φ 10 G AD48"-6 φ 10 D:APPLOABLE TUBE D Rc AD48"-6 φ 10 C AD48"-6 φ 10 D:APPLOABLE TUBE D	Note2)	2	Port thread GPart no D Ro G AD48-2 O 010 G G G G G G G G G G G G G G G G G G	Note2)	σ	Port thread (3 Part no. D Rc AD48-8 40 10 MPT AD48N-8(Z) 43/6" BARK AD48N-B AD48
Note2)	9	Option I - J Por thread	Note2)	2	Part thread (APart no. D B C C C C C C C C C	Note2) C	8	Port thread (Part no. D Re A047-8 6/10 O. MPT A047-8/10 6/3/8" D. APPLICABLE TUBE EXTERNAL DIAMETER BANK (C) 6/3/8" C)
	9	Option F-J (Standard) Port thread (Part no. GG NPT C4SF(-Z) Option F6J Port thread (Part no. Rc C4SF-6(Z) Rc C4SF-6(Z)	1	2	Port thread @Part no. RC C4SF-2 G C4SF-2(2)	•	80	External appearance G C4LF-8 C C4LF-8(Z) C
Accessory	Option	External appearance drawing Part no.	Accessory	Option	External appearance drawing Part no.	Accessory	Option	External appearance drawing Part no.

Note 2) Min. operating pressure is 0.15MPa for N.C. type and 0.1MPa for N.O. type.

Note 3) The part with no. ④ includes ③ Bowl O ring. Refer to Γ10. DISASSEMBLY DRAWING」(P12∼P13).

Note 4) "Z" of the part with no. ④ is semi-standard for indicated unit of pressure and temperature, which is psi and °F

Note 5) The symbol for option and semi-standard are described as Γ4. HOW TO ORDER』(P5).

9. REPLACEMENT PROCEDURE

⚠ WARNING

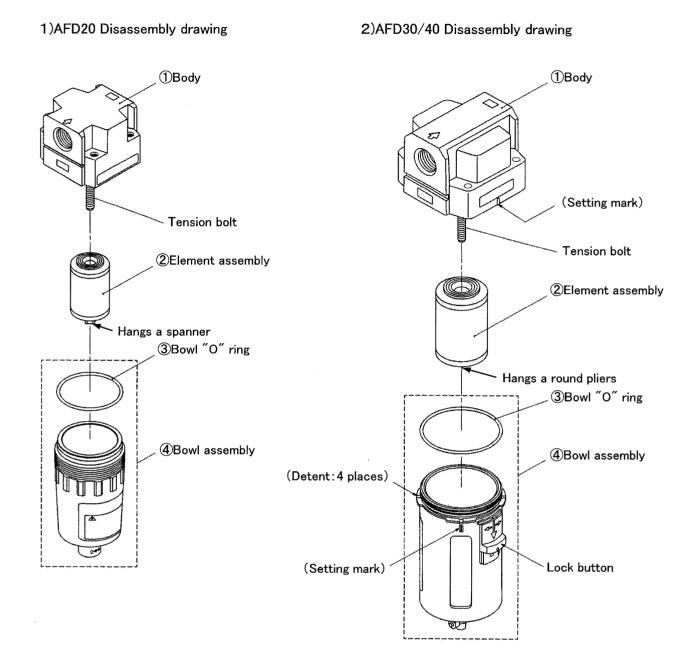
Before replacement, ensure that the regulator is not pressurized.

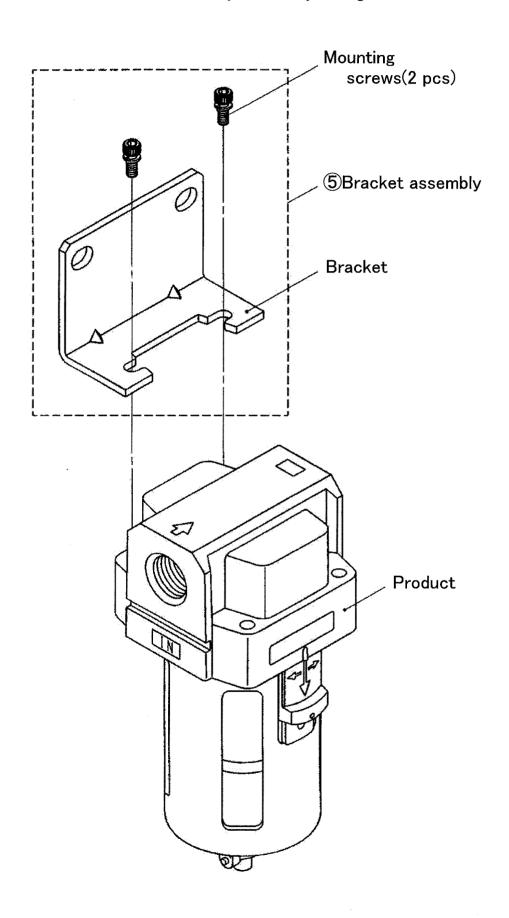
After replacement, ensure that specified function is satisfied and external leakage is not found before starting operation.

1) Bowl assembly/element

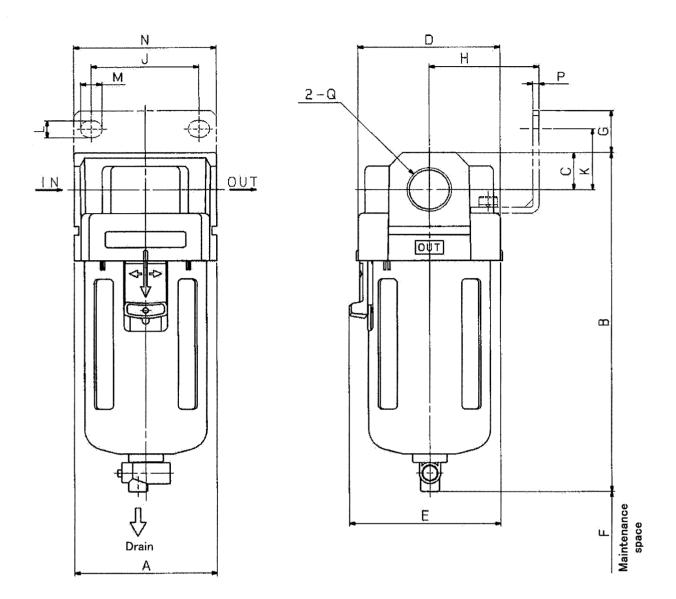
Applicable model	Process		Procedure	Tools	Check item
	Disassembly		Remove the bowl assembly Hold the bowl assembly by hand and rotate couterclockwise to remove the bowl assembly. If the bowl assembly is tightened too much to be removed, use hook spanner until it can be loosened by hand.	(Hook spanner Nominal:34/38)	_
AFD20			Remove the element. Hold the element with a spanner to rotate it counterclockwise and remove the element.	Spanner Nominal : 7	_
AFD20	Assembly	,	Mount the element. Hold the element with a spanner to rotate it counterclockwise and remove the element. See check item for referential tightening torque.	Spanner Nominal: 7	Tightening torque: 0.35±0.05N•m
			Mount the bolw assembly. Hold the bowl assembly by hand and rotate clockwise. Do not use tool for mounting because the bowl may be damaged. See check item for referential tightening torque.	_	Refential tightening torque: 2.2 N•m
	Disassembly	•	Remove the bowl assembly. Push the bowl assembly lock button. Lifting the bowl assembly, rotate the assembly 45 degree(right or left) to pull out the assembly.	_	_
			Remove the element. Hold the element with a round pliers to rotate it counterclockwise and remove the element.	Round pliers	_
AFD30 AFD40	Assembly		Mount the element. Hold the element with a round pliers to rotate it counterclockwise and remove the element. See check item for referential tightening torque.	Round pliers	Tightening torque: 0.35±0.05N•m
			Mount the bowl assembly. Match the mating mark of the body and the bowl assembly to insert the assembly to the body. Rotate the assembly 45 degree(right or left) until the lock button is tossed up to mount the bowl assembly. Ensure the lock button is up.	_	Lock button is up.

10. DISASSEMBLY DRAWING





11. DIMENSIONS

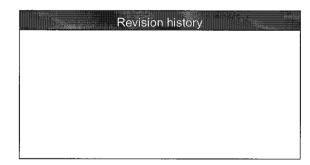


	Port size		S	tanda	rd					Acce	ssory			
Model	Fort size	A	В	С	7	٥	Bracket mounting dimension							
AFD20	Q] ^			ן ט		Е	F	G	Н	J	κ	L	М
AFD20	1/8•1/4	40	97	10	40	40	18	30	27	22	5.4	8.4	40	2.3
AFD30	1/4-3/8	53	129	14	53	57	16	41	40	23	6.5	8	53	2.3
AFD40	1/4-3/8-1/2	70	165	18	70	73	17	50	54	26	8.5	10.5	70	2.3
AFD40~06	3/4	75	169	20	70	73	14	50	54	25	8.5	10.5	70	2.3

B for Auto-drain / Optional bowl assembly

D IOI / tuco uiu		Puoi		,,,, a,	300111	y																	
Accessory							-									()				[5	
Model Option	2	6	8	C	6C	ے	2J	6J	8J	CJ	6CJ	W	6W	_	2	6	8	C	6C	-	2	6	8
AFD20	97	97	-	97	97	101	104	101	1	101	101	_		115	115	115	_	115	115		_		_
AFD30	142	129	162	ı	ı	136	136	136	156	ı	-	137	137	170	171	170	171	_	_	170	171	170	171
AFD40	178	165	198	-	ı	172	172	172	192	_	-	173	173	204	207	204	207	_	_	204	207	204	207
AFD40-06	182	169	202	_	-	176	176	176	196	-	_	177	177	208	211	208	211	_	_	208	211	208	211

Note) The specifications of auto-drain and optional bowl assembly are described in [8. SPECIFICATIONS OF BOWL ASSEMBLY] (P8~P10).



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Note: Specifications are subject to change without prior notice and any obligation on the part of the manufacturer. © 2008 SMC Corporation All Rights Reserved

