

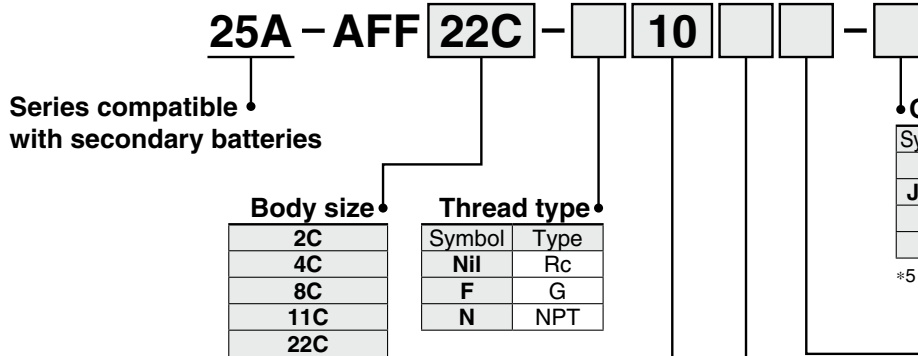
# Main Line Filter 25A-AFF Series

RoHS



## How to Order

### 25A-AFF2C to 25A-AFF22C



#### Bracket Assembly Part Nos.\*3

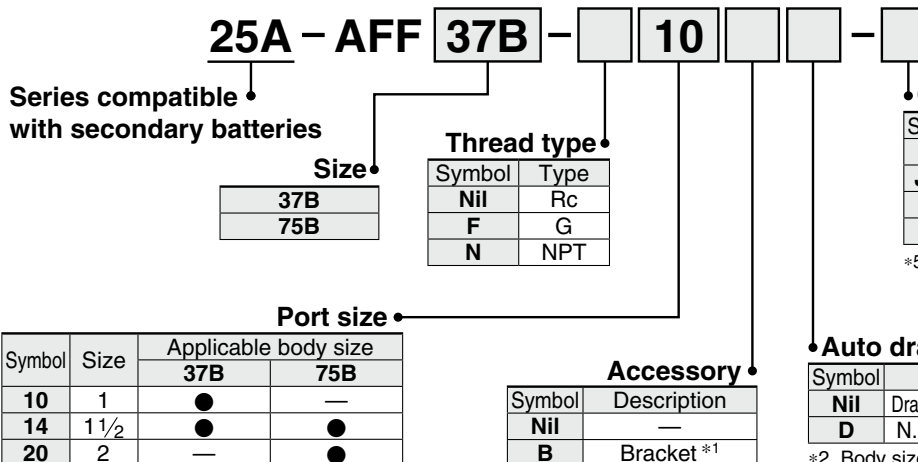
Applicable model	Part no.
25A-AFF2C	25A-AM-BM101
25A-AFF4C	25A-AM-BM102
25A-AFF8C	25A-AM-BM103
25A-AFF11C	25A-AM-BM104
25A-AFF22C	25A-AM-BM105

\*3 Assembly of a bracket and 2 mounting screws

#### Port size

Symbol	Size	Applicable body size				
		2C	4C	8C	11C	22C
01	1/8	●	—	—	—	—
02	1/4	●	●	—	—	—
03	3/8	—	●	●	—	—
04	1/2	—	—	●	●	—
06	3/4	—	—	—	●	●
10	1	—	—	—	—	●

### 25A-AFF37B/75B



#### Bracket Assembly Part Nos.\*3

Applicable model	Part no.
25A-AFF37B	25A-BM56
25A-AFF75B	25A-BM57

\*3 Assembly of a bracket and 2 mounting screws

\* The 25A- series specifications and dimensions are the same as those of the standard model.

[Click here for details.](#)

# Mist Separator 25A-AM Series

RoHS



## How to Order

### 25A-AM150C to 25A-AM550C

25A - AM 550C - [ ] 10 [ ] [ ] - [ ]

Series compatible  
with secondary batteries

#### Body size

150C
250C
350C
450C
550C

#### Thread type

Symbol	Type
Nil	Rc
F	G
N	NPT

#### Option

Symbol	Description
Nil	—
J*4,*5	Drain guide 1/4 female threaded
R	IN-OUT reversal direction
T	With element service indicator

\*5 Drain piping and piping for a stop valve such as ball valve are required.

#### Auto drain\*4

Symbol	Description
Nil	Drain cock (Without auto drain)
C	N.C. auto drain
D	N.O. auto drain

\*4 Only one drain exhaust method can be selected. The drain cock, N.C. auto drain, N.O. auto drain and drain guide cannot be selected together.

#### Bracket Assembly Part Nos.\*3

Applicable model	Part no.
25A-AM150C	25A-AM-BM101
25A-AM250C	25A-AM-BM102
25A-AM350C	25A-AM-BM103
25A-AM450C	25A-AM-BM104
25A-AM550C	25A-AM-BM105

\*3 Assembly of a bracket and 2 mounting screws

#### Port size

Symbol	Size	Applicable body size				
		150C	250C	350C	450C	550C
01	1/8	●	—	—	—	—
02	1/4	●	●	—	—	—
03	3/8	—	●	●	—	—
04	1/2	—	—	●	●	—
06	3/4	—	—	—	●	●
10	1	—	—	—	—	●

#### Accessory

Symbol	Description
Nil	—
B	Bracket *2

\*2 When symbol "B" is indicated, a bracket assembly with a part number shown in the left table is shipped together as an accessory, (but not assembled).

### 25A-AM650/850

25A - AM 650 - [ ] 10 [ ] [ ] - [ ]

Series compatible  
with secondary batteries

#### Body size

650
850

#### Thread type

Symbol	Type
Nil	Rc
F	G
N	NPT

#### Option

Symbol	Description
Nil	—
J*4,*5	Drain guide 1/4 female threaded (650 only)
R	IN-OUT reversal direction
T	With element service indicator

\*5 Drain piping and piping for a stop valve such as ball valve are required.

#### Auto drain\*4

Symbol	Description
Nil	Drain cock (Without auto drain) *2
D	N.O. auto drain (650 only)

\*2 Body size 850 is equipped with a ball valve (Rc 3/8 female threaded).

\*4 Body size 650: Only one drain exhaust method can be selected. The drain cock, N.O. auto drain and drain guide cannot be selected together.

#### Port size

Symbol	Size	Applicable body size	
		650	850
10	1	●	—
14	1 1/2	●	●
20	2	—	●

#### Accessory

Symbol	Description
Nil	—
B	Bracket *1

\*1 When symbol "B" is indicated, a bracket assembly with a part number shown in the left table is shipped together as an accessory, (but not assembled).

#### Bracket Assembly Part Nos.\*3

Applicable model	Part no.
25A-AM650	25A-BM56
25A-AM850	25A-BM57

\*3 Assembly of a bracket and 2 mounting screws

\* The 25A- series specifications and dimensions are the same as those of the standard model.

[Click here for details.](#)



# Micro Mist Separator 25A-AMD Series

RoHS



## How to Order

### 25A-AMD150C to 25A-AMD550C

25A - AMD 550C - [ ] 10 [ ] [ ] - [ ]

Series compatible  
with secondary batteries

Body size

150C
250C
350C
450C
550C

Thread type

Symbol	Type
Nil	Rc
F	G
N	NPT

Option

Symbol	Description
Nil	—
J*4,*5	Drain guide 1/4 female threaded
R	IN-OUT reversal direction
T	With element service indicator

\*5 Drain piping and piping for a stop valve such as ball valve are required.

Auto drain\*4

Symbol	Description
Nil	Drain cock (Without auto drain)
C	N.C. auto drain
D	N.O. auto drain

\*4 Only one drain exhaust method can be selected. The drain cock, N.C. auto drain, N.O. auto drain and drain guide cannot be selected together.

Accessory

Symbol	Description
Nil	—
B	Bracket *2

\*2 When symbol "B" is indicated, a bracket assembly with a part number shown in the left table is shipped together as an accessory, (but not assembled).

### Bracket Assembly Part Nos.\*3

Applicable model	Part no.
25A-AMD150C	25A-AM-BM101
25A-AMD250C	25A-AM-BM102
25A-AMD350C	25A-AM-BM103
25A-AMD450C	25A-AM-BM104
25A-AMD550C	25A-AM-BM105

\*3 Assembly of a bracket and 2 mounting screws

Port size

Symbol	Size	Applicable body size				
		150C	250C	350C	450C	550C
01	1/8	●	—	—	—	—
02	1/4	●	●	—	—	—
03	3/8	—	●	●	—	—
04	1/2	—	—	●	●	—
06	3/4	—	—	—	●	●
10	1	—	—	—	—	●

### 25A-AMD650/850

25A - AMD 650 - [ ] 10 [ ] [ ] - [ ]

Series compatible  
with secondary batteries

Body size

650
850

Thread type

Symbol	Type
Nil	Rc
F	G
N	NPT

Option

Symbol	Description
Nil	—
J*4,*5	Drain guide 1/4 female threaded (650 only)
R	IN-OUT reversal direction
T	With element service indicator

\*5 Drain piping and piping for a stop valve such as ball valve are required.

Auto drain\*4

Symbol	Description
Nil	Drain cock (Without auto drain) *2
D	N.O. auto drain (650 only)

\*2 Body size 850 is equipped with a ball valve (Rc 3/8 female threaded).

\*4 Body size 650: Only one drain exhaust method can be selected. The drain cock, N.O. auto drain and drain guide cannot be selected together.

Port size

Symbol	Size	Applicable body size	
		650	850
10	1	●	—
14	1 1/2	●	●
20	2	—	●

Accessory

Symbol	Description
Nil	—
B	Bracket *1

\*1 When symbol "B" is indicated, a bracket assembly with a part number shown in the left table is shipped together as an accessory, (but not assembled).

### Bracket Assembly Part Nos.\*3

Applicable model	Part no.
25A-AMD650	25A-BM56
25A-AMD850	25A-BM57

\*3 Assembly of a bracket and 2 mounting screws

\* The 25A- series specifications and dimensions are the same as those of the standard model. [Click here for details.](#)

# Micro Mist Separator with Pre-filter 25A-AMH Series

RoHS



## How to Order

### 25A-AMH150C to 25A-AMH550C

**25A - AMH 550C** - [ ] [10] [ ] [ ] - [ ]

**Series compatible with secondary batteries**

**Body size**

150C
250C
350C
450C
550C

**Thread type**

Symbol	Type
Nil	Rc
F	G
N	NPT

**Option**

Symbol	Description
Nil	—
J*4,*5	Drain guide 1/4 female threaded
R	IN-OUT reversal direction
T	With element service indicator

\*5 Drain piping and piping for a stop valve such as ball valve are required.

**Auto drain\*4**

Symbol	Description
Nil	Drain cock (Without auto drain)
C	N.C. auto drain
D	N.O. auto drain

\*4 Only one drain exhaust method can be selected. The drain cock, N.C. auto drain, N.O. auto drain and drain guide cannot be selected together.

**Accessory**

Symbol	Description
Nil	—
B	Bracket *2

\*2 When symbol "B" is indicated, a bracket assembly with a part number shown in the left table is shipped together as an accessory, (but not assembled).

**Port size**

Symbol	Size	Applicable body size				
		150C	250C	350C	450C	550C
01	1/8	●	—	—	—	—
02	1/4	●	●	—	—	—
03	3/8	—	●	●	—	—
04	1/2	—	—	●	●	—
06	3/4	—	—	—	●	●
10	1	—	—	—	—	●

**Bracket Assembly Part Nos.\*3**

Applicable model	Part no.
25A-AMH150C	25A-AMBM101
25A-AMH250C	25A-AMBM102
25A-AMH350C	25A-AMBM103
25A-AMH450C	25A-AMBM104
25A-AMH550C	25A-AMBM105

\*3 Assembly of a bracket and 2 mounting screws

### 25A-AMH650/850

**25A - AMH 650** - [ ] [10] [ ] [ ] - [ ]

**Series compatible with secondary batteries**

**Body size**

650
850

**Thread type**

Symbol	Type
Nil	Rc
F	G
N	NPT

**Option**

Symbol	Description
Nil	—
J*4,*5	Drain guide 1/4 female threaded (650 only)
R	IN-OUT reversal direction
T	With element service indicator

\*5 Drain piping and piping for a stop valve such as ball valve are required.

**Auto drain\*4**

Symbol	Description
Nil	Drain cock (Without auto drain) *2
D	N.O. auto drain (650 only)

\*2 Body size 850 is equipped with a ball valve (Rc 3/8 female threaded).

\*4 Body size 650: Only one drain exhaust method can be selected. The drain cock, N.O. auto drain and drain guide cannot be selected together.

**Accessory**

Symbol	Description
Nil	—
B	Bracket *1

\*1 When symbol "B" is indicated, a bracket assembly with a part number shown in the left table is shipped together as an accessory, (but not assembled).

**Port size**

Symbol	Size	Applicable body size	
		650	850
10	1	●	—
14	1 1/2	●	●
20	2	—	●

**Bracket Assembly Part Nos.\*3**

Applicable model	Part no.
25A-AMH650	25A-BM56
25A-AMH850	25A-BM57

\*3 Assembly of a bracket and 2 mounting screws

\* The 25A- series specifications and dimensions are the same as those of the standard model. [Click here for details.](#)



# Exhaust Cleaner for Clean Room

## 25A-AMP Series

RoHS



### How to Order

25A - AMP 2 0 - 03 - -

Series compatible with secondary batteries

Size

2
3
4

Port size

Symbol	Port size	Size		
		2	3	4
02	Rc1/4	●	—	—
03	Rc3/8	●	●	—
04	Rc1/2	—	●	●
06	Rc3/4	—	—	●

Semi-standard specifications

Symbol	Description
Nil	None
R	Flow direction Right→Down*3
T	With element service indicator

\*3 Flow direction when the nameplate is viewed from the front.  
Indicate RT when combining.

Accessories

Symbol	Name
Nil	None
B	With bracket*1

\*1 When symbol "B" is indicated, a bracket assembly with a part number shown in the left table is shipped together as an accessory, (but not assembled).

### Bracket Assembly Part Nos.\*2

Applicable model	Part no.
25A-AMP220	25A-BM66
25A-AMP320	25A-BM67
25A-AMP420	25A-BM68

\*2 Assembly of a bracket and 2 mounting screws

\* The 25A- series specifications and dimensions are the same as those of the standard model.

[Click here for details.](#)

# Air Filter

# 25A-AF20-A to 25A-AF60-A



## How to Order

**25A - AF** 30 -   03 B -   - **A**

① ② ③ ④ ⑤

• Series compatible with secondary batteries

- Option/Semi-standard: Select one each for **a** to **c**.
- Option/Semi-standard symbol: When more than one specification is required, indicate in alphanumeric order.  
Example) 25A-AF30-N03B-RZ-A

		Symbol	Description	1						
				Body size						
				20	30	40	50	60		
2	Pipe thread type	Nil	Rc	●	●	●	●	●		
		N	NPT	●	●	●	●	●		
		F	G	●	●	●	●	●		
+										
3	Port size	01	1/8	●	—	—	—	—		
		02	1/4	●	●	●	—	—		
		03	3/8	—	●	●	—	—		
		04	1/2	—	—	●	—	—		
		06	3/4	—	—	●	●	—		
		10	1	—	—	—	●	●		
+										
4	Option	a	Mounting	Nil	Without mounting option	●	●	●	●	●
				B*1	With bracket	●	●	●	●	●
+										
5	Semi-standard	b	Flow direction	Nil	Flow direction: Left to right	●	●	●	●	●
				R	Flow direction: Right to left	●	●	●	●	●
		+								
		c	Pressure unit	Nil	Name plate and caution plate for bowl in SI units: MPa	●	●	●	●	●
Z*2	Name plate and caution plate for bowl in imperial units: psi, °F			○*2	○*2	○*2	○*2	○*2		

\*1 A bracket is not assembled and supplied loose at the time of shipment. Including 2 mounting screws.

\*2 ○ : For pipe thread type: NPT. This product is for overseas use only according to the New Measurement Law.  
(The SI unit type is provided for use in Japan.)

\* The 25A- series specifications and dimensions are the same as those of the standard model.

[Click here for details.](#)

## Bracket, Bowl Assembly Part Nos. for the 25A- Series

Option \ Model	25A-AF20-A	25A-AF30-A	25A-AF40-A	25A-AF40-06-A	25A-AF50-A 25A-AF60-A
<b>Bracket assembly</b> *1	25A-AF22P-050AS	25A-AF32P-050AS	25A-AF42P-050AS	25A-AF42P-070AS	25A-AF52P-050AS
<b>Bowl assembly</b>	25A-C2SF-A	25A-C3SF-A	25A-C4SF-A		

\*1 Assembly of a bracket and 2 mounting screws.

## Mist Separator

# 25A-AFM20-A to 25A-AFM40-A

## Micro Mist Separator

# 25A-AFD20-A to 25A-AFD40-A



- 25A-AFM Series Nominal filtration rating: 0.3 μm
- 25A-AFD Series Nominal filtration rating: 0.01 μm

### How to Order

25A - AFM 30 - 03 B - A

25A - AFD 30 - 03 B - A

① ② ③ ④ ⑤

- Series compatible with secondary batteries

- Option/Semi-standard: Select one each for a to c.
- Option/Semi-standard symbol: When more than one specification is required, indicate in alphanumeric order.  
Example) 25A-AFM30-N03B-RZ-A

		Symbol	Description	1			
				Body size			
				20	30	40	
2	Pipe thread type	Nil	Rc	●	●	●	
		N	NPT	●	●	●	
		F	G	●	●	●	
+							
3	Port size	01	1/8	●	—	—	
		02	1/4	●	●	●	
		03	3/8	—	●	●	
		04	1/2	—	—	●	
		06	3/4	—	—	●	
+							
4	Option a	Mounting	Nil	Without mounting option	●	●	●
			B*1	With bracket	●	●	●
+							
5	Semi-standard b	Flow direction	Nil	Flow direction: Left to right	●	●	●
			R	Flow direction: Right to left	●	●	●
		+					
5	Semi-standard c	Pressure unit	Nil	Name plate and caution plate for bowl in SI units: MPa	●	●	●
			Z*2	Name plate and caution plate for bowl in imperial units: psi, °F	○*2	○*2	○*2

\*1 A bracket is not assembled and supplied loose at the time of shipment. Including 2 mounting screws.

\*2 ○ : For pipe thread type: NPT. This product is for overseas use only according to the New Measurement Law.  
(The SI unit type is provided for use in Japan.)

\* The 25A- series specifications and dimensions are the same as those of the standard model.

[Click here for details.](#)

### Bracket, Bowl Assembly Part Nos. for the 25A- Series

Model	25A-AFM20-A 25A-AFD20-A	25A-AFM30-A 25A-AFD30-A	25A-AFM40-A 25A-AFD40-A	25A-AFM40-06-A 25A-AFD40-06-A
Option				
Bracket assembly*1	25A-AF22P-050AS	25A-AF32P-050AS	25A-AF42P-050AS	25A-AF42P-070AS
Bowl assembly	25A-C2SF-A	25A-C3SF-A	25A-C4SF-A	

\*1 Assembly of a bracket and 2 mounting screws.

## Regulator

**25A-AR20-B to 25A-AR60-B**

## Regulator with Backflow Function

**25A-AR20K-B to 25A-AR60K-B****How to Order**

**25A-AR** 30 K -   03 B -   - **B**

1
2
3
4
5
6

• Series compatible with secondary batteries

- Option/Semi-standard: Select one each for **a** to **f**.
- Option/Semi-standard symbol: When more than one specification is required, indicate in alphanumeric order.  
Example) 25A-AR30K-03B-1NR-B

		Symbol	Description	①							
				Body size							
				20	25	30	40	50	60		
②	With backflow function	Nil	Without backflow function	●	●	●	●	●	●		
		K	With backflow function	●	●	●	●	●	●		
+											
③	Pipe thread type	Nil	Rc	●	●	●	●	●	●		
		N	NPT	●	●	●	●	●	●		
		F	G	●	●	●	●	●	●		
+											
④	Port size	01	1/8	●	—	—	—	—	—		
		02	1/4	●	●	●	●	—	—		
		03	3/8	—	●	●	●	—	—		
		04	1/2	—	—	—	●	—	—		
		06	3/4	—	—	—	●	●	—		
		10	1	—	—	—	—	●	●		
+											
⑤	*1 Option	a	Mounting	Nil	Without mounting option	●	●	●	●	●	●
				B*2	With bracket	●	●	●	●	●	●
				H	With set nut (For panel fitting)	●	●	●	●	—	—
+											
⑥	Semi-standard	b	Set pressure	Nil	0.05 to 0.85 MPa setting	●	●	●	●	●	●
				1*3	0.02 to 0.2 MPa setting	●	●	●	●	●	●
		c	Exhaust mechanism	Nil	Relieving type	●	●	●	●	●	●
				N	Non-relieving type	●	●	●	●	●	●
		d	Flow direction	Nil	Flow direction: Left to right	●	●	●	●	●	●
				R	Flow direction: Right to left	●	●	●	●	●	●
		e	Knob	Nil	Downward	●	●	●	●	●	●
				Y	Upward	●	●	●	●	●	●
		+									
		f	Pressure unit	Nil	Name plate in SI units: MPa	●	●	●	●	●	●
Z*4	Name plate in imperial units: psi			○*4	○*4	○*4	○*4	○*4	○*4		

\*1 Option "B", "H" are not assembled and supplied loose at the time of shipment.

\*2 Assembly of a bracket and set nuts (25A-AR20(K) to 25A-AR40(K)). Including 2 mounting screws for the 25A-AR50(K) and 25A-AR60(K).

\*3 Pressure can be set at the upper limit of the specification or more, however, be sure to set the pressure within specification.

\*4 ○: For pipe thread type: NPT. This product is for overseas use only according to the New Measurement Law.  
(The SI unit type is provided for use in Japan.)

\* The 25A- series specifications and dimensions are the same as those of the standard model.

[Click here for details.](#)

**Bracket, Set Nut Part Nos. for the 25A- Series**

Model	25A-AR20(K)-B	25A-AR25(K)-B	25A-AR30(K)-B	25A-AR40(K)-B	25A-AR50(K)-B 25A-AR60(K)-B
Option					
Bracket assembly*1	25A-AR23P-270AS	25A-AR28P-270AS	25A-AR33P-270AS	25A-AR43P-270AS	25A-AR52P-270AS*2
Set nut	AR23P-260S	AR28P-260S	AR33P-260S	AR43P-260S	—*3

\*1 Assembly of a bracket and set nuts.

\*2 Assembly of a bracket and 2 mounting screws.

\*3 Please consult with SMC regarding the set nuts for the 25A-AR50(K) and 25A-AR60(K).



Directional  
Control Valves

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# Filter Regulator

# 25A-AW20-B to 25A-AW60-B

## Filter Regulator with Backflow Function

# 25A-AW20K-B to 25A-AW60K-B



### How to Order

**25A - AW** **30** **K** - **03** **B** - **B**

① ② ③ ④ ⑤ ⑥

• Series compatible with secondary batteries

- Option/Semi-standard: Select one each for **a** to **e**.
- Option/Semi-standard symbol: When more than one specification is required, indicate in alphanumeric order.  
Example) 25A-AW30K-03B-1N-B

		Symbol	Description	①					
				Body size					
				20	30	40	60		
②	With backflow function	Nil	Without backflow function	●	●	●	●		
		K	With backflow function	●	●	●	●		
+									
③	Pipe thread type	Nil	Rc	●	●	●	●		
		N	NPT	●	●	●	●		
		F	G	●	●	●	●		
+									
④	Port size	01	1/8	●	—	—	—		
		02	1/4	●	●	●	—		
		03	3/8	—	●	●	—		
		04	1/2	—	—	●	—		
		06	3/4	—	—	●	●		
		10	1	—	—	—	●		
+									
⑤	*1 Option	a	Mounting	Nil	Without mounting option	●	●	●	●
				B*2	With bracket	●	●	●	●
				H	With set nut (For panel fitting)	●	●	●	—
+									
⑥	Semi-standard	b	Set pressure	Nil	0.05 to 0.85 MPa setting	●	●	●	●
				1*3	0.02 to 0.2 MPa setting	●	●	●	●
		c	Exhaust mechanism	Nil	Relieving type	●	●	●	●
				N	Non-relieving type	●	●	●	●
		d	Flow direction	Nil	Flow direction: Left to right	●	●	●	●
				R	Flow direction: Right to left	●	●	●	●
		e	Pressure unit	Nil	Name plate and caution plate for bowl in SI units: MPa	●	●	●	●
				Z*4	Name plate and caution plate for bowl in imperial units: psi, °F	○*4	○*4	○*4	○*4
		+							

\*1 Option "B", "H" are not assembled and supplied loose at the time of shipment.

\*2 Assembly of a bracket and set nuts (25A-AW20(K) to 25A-AW40(K)). Including 2 mounting screws for the 25A-AW60(K).

\*3 Pressure can be set at the upper limit of the specification or more, however, be sure to set the pressure within specification.

\*4 ○ : For pipe thread type: NPT. This product is for overseas use only according to the New Measurement Law.  
(The SI unit type is provided for use in Japan.)

\* The 25A- series specifications and dimensions are the same as those of the standard model.

[Click here for details.](#)

### Bracket, Set Nut, Bowl Assembly Part Nos. for the 25A- Series

Model	25A-AW20(K)-B	25A-AW30(K)-B	25A-AW40(K)-B	25A-AW60(K)-B
Option				
Bracket assembly*1	25A-AW23P-270AS	25A-AR33P-270AS	25A-AR43P-270AS	25A-AW62P-270AS*2
Set nut	AR23P-260S	AR33P-260S	AR43P-260S	—*3
Bowl assembly	25A-C2SF-A	25A-C3SF-A	25A-C4SF-A	

\*1 Assembly of a bracket and set nuts.

\*2 Assembly of a bracket and 2 mounting screws.

\*3 Please consult with SMC regarding the set nuts for the 25A-AW60(K).

# Precision Regulator

RoHS

# 25A-IR1000/2000/3000-A Series

## How to Order

25A-IR **1** **0** **0** **0** - **01** **B** -  - A

1
2
3
4
5
6
7



- Option/Semi-standard: Select one each for **a**, **b**, and **c**.
- Option/Semi-standard symbol: When more than one specification is required, indicate in alphanumeric order.

		Symbol	Description	①				
				Body size				
				1	2	3		
②	Set pressure range	0	0.005 to 0.2 MPa	●	●	—		
			0.01 to 0.2 MPa	—	—	●		
			0.01 to 0.4 MPa	●	●	●		
			0.01 to 0.8 MPa	●	●	●		
			+					
③	Exhaust direction	0	Bottom exhaust	●	●	●		
		1	Front exhaust	—	—	●		
		2	Rear exhaust	—	—	●		
			+					
④	Pipe thread type	Nil	Rc	●	●	●		
		N	NPT	●	●	●		
		F	G	●	●	●		
			+					
⑤	Port size	01	1/8	●	—	—		
		02	1/4	—	●	●		
		03	3/8	—	—	●		
		04	1/2	—	—	●		
			+					
⑥	*1 Option	a	Mounting	Nil	Without mounting option	●	●	●
				B*2	With bracket	●	●	●
				H	With hexagon panel nut (for panel mount)	●	●	●
			+					
⑦	Semi-standard	b	Flow direction	Nil	Flow direction: Left to right	●	●	●
				R	Flow direction: Right to left	●	●	●
					+			
		c	Knob	Nil	Upward	●	●	●
V	Downward			●	●	●		

\*1 Options are shipped together with the product, but not assembled. B and H cannot be selected at the same time. The current bracket cannot be used for this product.

\*2 Assembly of a bracket and set nuts

Directional  
Control Valves

Air Cylinders

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Air Grippers

Vacuum  
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Equipment

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Fittings/Flow  
Control Equipment

Detection  
Switches

Fluid Control  
Equipment

Electric  
Actuators

Auto  
Switches

# Electro-Pneumatic Regulator

## 25A-ITV1000/2000/3000 Series

### How to Order



Series compatible with secondary batteries

25A-ITV 2 0 1 0 - 0 1 2 S

#### Model

1	1000 type
2	2000 type
3	3000 type

#### Pressure range

1	0.1 MPa
3	0.5 MPa
5	0.9 MPa

#### Power supply voltage

0	24 VDC
1	12 to 15 VDC

#### Input signal

0	Current type 4 to 20 mA DC (Sink type)
1	Current type 0 to 20 mA DC (Sink type)
2	Voltage type 0 to 5 VDC
3	Voltage type 0 to 10 VDC
40	4 points preset input

#### Monitor output

1	Analog output 1 to 5 VDC
2	Switch output/NPN output
3	Switch output/PNP output
4	Analog output 4 to 20 mA DC (Sink type)
Nil	None (For 4 points preset input)

#### Pressure display unit

Nil	MPa
2*1	kgf/cm <sup>2</sup>
3	bar
4*1	psi
5	kPa

\*1 This product is for overseas use only according to the New Measurement Law. (The SI unit type is provided for use in Japan.)

#### Cable connector type

S	Straight type 3 m
L	Right angle type 3 m
N	Without cable connector

\* A dedicated cable connector whose material was changed is used.

#### Bracket

Nil	Without bracket
B	Flat bracket
C	L-bracket

\* The bracket is made with a special black chromium treatment. The bracket is shipped with the product.

#### Port size

1	1/8 (1000 type)
2	1/4 (1000, 2000, 3000 type)
3	3/8 (2000, 3000 type)
4	1/2 (3000 type)

#### Thread type

Nil	Rc
N	NPT
T	NPTF
F	G

\* Since the lead wires and electrical circuits are used, this product is not completely copper-free. Only the wetted parts are copper-free.

\* Copper and zinc materials are used for solenoid valve coils, connector pins, and lead wire substrate.

\* The 25A- series specifications and dimensions are the same as those of the standard model.

[Click here for details.](#)