

Modular Type Air Combination

AC-D Series

Modular connection units are available through the Simple Specials System.

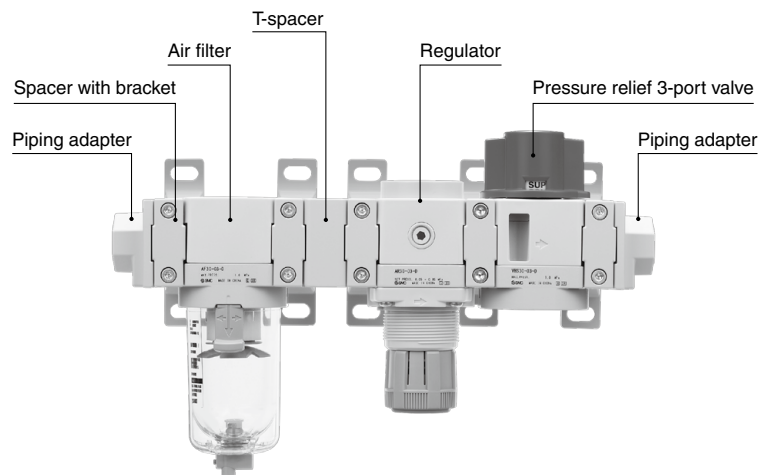
Please contact your local sales representative for more details.

Examples of Simple Specials

Combination example ①

* Please contact your local sales representative for ordering procedures.

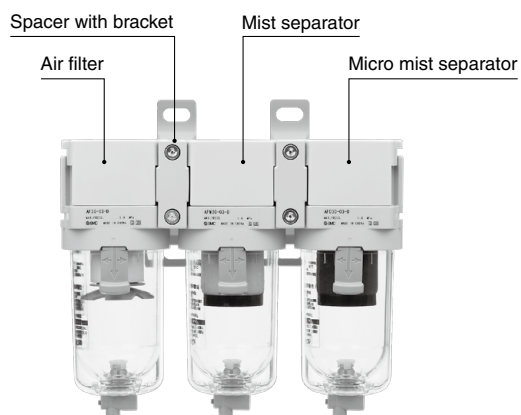
| | |
|------------------------------------------------|--------|
| Piping adapter E300-04-D | 2 pcs. |
| Spacer with bracket 25A-Y300T-D | 5 pcs. |
| Air filter 25A-AF30-03-D | 1 pc. |
| T-spacer Y310-03-D | 1 pc. |
| Regulator 25A-AR30-03-D | 1 pc. |
| Pressure relief 3-port valve 25A-VHS30-03-D | 1 pc. |



Combination example ②




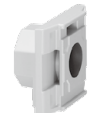







* Please contact your local sales representative for ordering procedures.

| | |
|----------------------------------------|--------|
| Air filter 25A-AF30-03-D | 1 pc. |
| Spacer with bracket 25A-Y300T-D | 2 pcs. |
| Mist separator 25A-AFM30-03-D | 1 pc. |
| Micro mist separator 25A-AFD30-03-D | 1 pc. |



AC-D Series

Option / Accessory / Attachment Part No. List

| Section | Description | Body size | Part no. | | | | | | |
|-------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|-------------------------------------|----------------------------------------|-------------------------------------------|-------------------------------------------------------|-------------------------------------------------------|------------------------------------------------------------------|-------------------------------------------------|---|
| | | | 20 | 30 | 40 | 40□-06-D | 50 | 60 | |
| Accessory |  Spacer | | 25A-Y200-D | 25A-Y300-D | 25A-Y400-D | 25A-Y500-D | 25A-Y600-D | | |
| |  Spacer with bracket | | 25A-Y200T-D | 25A-Y300T-D | 25A-Y400T-D | 25A-Y500T-D | 25A-Y600T-D | | |
| Attachment |  Pressure relief 3-port valve*1, *2 | | 25A-VHS20-□01-D 25A-VHS20-□02-D | 25A-VHS30-□02-D 25A-VHS30-□03-D | 25A-VHS40-□02-D 25A-VHS40-□03-D 25A-VHS40-□04-D | 25A-VHS40-□06-D | 25A-VHS50-□06-D 25A-VHS50-□10-D | — | |
| |  Piping adapter*1, *2 | | E200-□01-D E200-□02-D E200-□03-D | E300-□02-D E300-□03-D E300-□04-D | E400-□02-D E400-□03-D E400-□04-D E400-□06-D | E500-□06-D E500-□10-D | E600-□06-D E600-□10-D E600-□12-D E600-□14-D | | |
| |  L-shaped piping adapter*1, *2 | | E200L-□01-D E200L-□02-D | E300L-□01-D E300L-□02-D E300L-□03-D | E400L-□02-D E400L-□03-D E400L-□04-D | E500L-□04-D E500L-□06-D | E600L-□04-D E600L-□06-D E600L-□10-D | | |
| |  T-shaped piping adapter*1, *2 | | E200T-□01-D E200T-□02-D | E300T-□01-D E300T-□02-D E300T-□03-D | E400T-□02-D E400T-□03-D E400T-□04-D | E500T-□04-D E500T-□06-D | E600T-□04-D E600T-□06-D E600T-□10-D | | |
| |  T-spacer*1, *2 | Standard | | Y210-□01-D Y210-□02-D | Y310-□01-D Y310-□02-D Y310-□03-D | Y410-□02-D Y410-□03-D Y410-□04-D | Y510-□02-D Y510-□03-D Y510-□04-D Y510-□06-D | Y610-□03-D Y610-□04-D Y610-□06-D | |
| | | Slim type | | Y210-□01-1-D Y210-□02-1-D | Y310-□01-1-D Y310-□02-1-D | Y410-□02-1-D Y410-□03-1-D | Y510-□02-1-D Y510-□03-1-D | Y610-□03-1-D Y610-□04-1-D | |
| |  Cross spacer*1, *2 | Standard | | 25A-Y24-□01-D 25A-Y24-□02-D | 25A-Y34-□01-D 25A-Y34-□02-D 25A-Y34-□03-D | 25A-Y44-□02-D 25A-Y44-□03-D 25A-Y44-□04-D | 25A-Y54-□02-D 25A-Y54-□03-D 25A-Y54-□04-D 25A-Y54-□06-D | 25A-Y64-□03-D 25A-Y64-□04-D 25A-Y64-□06-D | |
| | | Front and back port selectable type | | 25A-Y24-□01-1-D 25A-Y24-□02-1-D | 25A-Y34-□01-1-D 25A-Y34-□02-1-D 25A-Y34-□03-1-D | 25A-Y44-□02-1-D 25A-Y44-□03-1-D 25A-Y44-□04-1-D | 25A-Y54-□03-1-D 25A-Y54-□04-1-D 25A-Y54-□06-1-D | — | |
| |  Right angle adapter*2 | | | E210T-D | E310T-D | E410T-D | — | — | — |
| |  Reducing adapter*2 | | | E310R-D | E310R-D E410R-D | E410R-D | — | — | — |
|  End plate*2 | | | E200E-D | E300E-D | E400E-D | — | — | — | |

*1 □ in attachment part numbers indicates a pipe thread type. No indication is necessary for Rc thread; however, indicate N for NPT thread, and F for G thread.

*2 Separate spacers are required for modular units.

Air Filter

25A-AF20-D to 25A-AF60-D



How to Order

25A - AF **30** - **03** **B** - **D**

① ② ③ ④ ⑤

• Series compatible with secondary batteries

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

| | 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 Mounting | Nil | Without mounting option | ● | ● | ● | ● | ● |
| | B*1 | With bracket | ● | ● | ● | ● | ● |
| ⑤ Semi-standard a | Flow direction | Nil | ● | ● | ● | ● | ● |
| | | R | ● | ● | ● | ● | ● |
| ⑤ Semi-standard b | Unit | Nil | ● | ● | ● | ● | ● |
| | | Z*2 | ○*2 | ○*2 | ○*2 | ○*2 | ○*2 |

*1 Option B is included in the package with the product but does not come assembled. The assembly consists of 2 types of brackets and 2 mounting screws.

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

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

| Option | Model | | | | | |
|----------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------|
| | 25A-AF20-D | 25A-AF30-D | 25A-AF40-D | 25A-AF40-06-D | 25A-AF50-D | 25A-AF60-D |
| Bracket assembly *1 | 25A-AF24P-070AS | 25A-AF34P-070AS | 25A-AF44P-070AS | 25A-AF49P-070AS | 25A-AF54P-070AS | |
| Bowl assembly | 25A-C2SF-D | 25A-C3SF-D | 25A-C4SF-D | | | |

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

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

For details, refer to the [Web Catalog](#).

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

• Semi-standard: Select one each for **a** and **b**.
 • 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 | Mounting | Nil | Without mounting option | ● | ● | ● | ● | ● | |
| | | | B*1 | With bracket | ● | ● | ● | ● | ● | |
| + | | | | | | | | | | |
| ⑤ | Semi-standard | a | Flow direction | Nil | Flow direction: Left to right | ● | ● | ● | ● | ● |
| | | | | R | Flow direction: Right to left | ● | ● | ● | ● | ● |
| | + | | | | | | | | | |
| | b | 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 Act. (The SI unit type is provided for use in Japan.)

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 |
|----------------------------|-------|-----------------|-----------------|-----------------|-----------------|--------------------------|
| Bracket assembly *1 | | 25A-AF22P-050AS | 25A-AF32P-050AS | 25A-AF42P-050AS | 25A-AF42P-070AS | 25A-AF52P-050AS |
| Bowl assembly | | 25A-C2SF-A | 25A-C3SF-A | 25A-C4SF-A | | |

*1 The assembly consists of a bracket and 2 mounting screws.

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

For details, refer to the [Web Catalog](#).

Mist Separator

25A-AFM20-D to 25A-AFM40-06-D

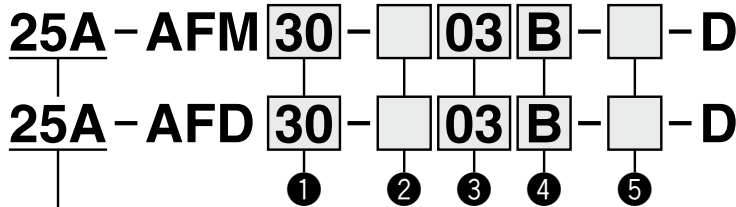
Micro Mist Separator

25A-AFD20-D to 25A-AFD40-06-D



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

How to Order



• Series compatible with secondary batteries

- Semi-standard: Select one each for **a** and **b**.
- Semi-standard symbol: When more than one specification is required, indicate in alphanumeric order. Example) 25A-AFM30-N03B-RZ-D

| | | 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 Mounting | Nil | Without mounting option | ● | ● | ● | |
| | | B*1 | With bracket | ● | ● | ● | |
| + | | | | | | | |
| ⑤ | Semi-standard a | Flow direction | Nil | Flow direction: Left to right | ● | ● | ● |
| | | | R | Flow direction: Right to left | ● | ● | ● |
| | | b | Unit | Nil | Unit on product label: MPa, °C | ● | ● |
| Z*2 | Unit on product label: psi, °F | | | ○*2 | ○*2 | ○*2 | |

*1 Option B is included in the package with the product but does not come assembled. The assembly consists of 2 types of brackets and 2 mounting screws.

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

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

| Option | Model | | | |
|--------------------|----------------------------|----------------------------|----------------------------|----------------------------------|
| | 25A-AFM20-D 25A-AFD20-D | 25A-AFM30-D 25A-AFD30-D | 25A-AFM40-D 25A-AFD40-D | 25A-AFM40-06-D 25A-AFD40-06-D |
| Bracket assembly*1 | 25A-AF24P-070AS | 25A-AF34P-070AS | 25A-AF44P-070AS | 25A-AF49P-070AS |
| Bowl assembly | 25A-C2SF-D | 25A-C3SF-D | 25A-C4SF-D | |

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

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

For details, refer to the [Web Catalog](#).

Mist Separator

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

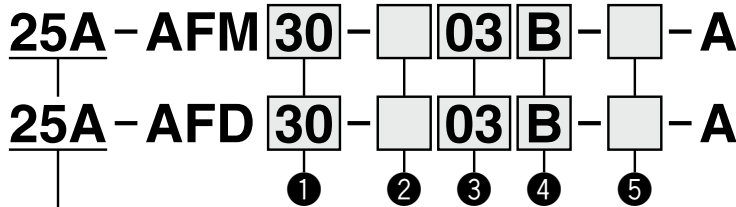
Micro Mist Separator

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



• Series compatible with secondary batteries

- Semi-standard: Select one each for **a** and **b**.
- 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 | Mounting | Nil | Without mounting option | ● | ● | ● | |
| | | | B*1 | With bracket | ● | ● | ● | |
| + | | | | | | | | |
| ⑤ | Semi-standard | a | Flow direction | Nil | Flow direction: Left to right | ● | ● | ● |
| | | | | R | Flow direction: Right to left | ● | ● | ● |
| | | b | 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 Act. (The SI unit type is provided for use in Japan.)

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

| Option | 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 |
|--------------------|-------|----------------------------|----------------------------|----------------------------|----------------------------------|
| 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 The assembly consists of a bracket and 2 mounting screws.

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

For details, refer to the [Web Catalog](#).

Regulator

25A-AR20-D to 25A-AR60-D

Regulator with Backflow Function

25A-AR20K-D to 25A-AR60K-D



How to Order

25A-AR 30 K - 03 B - - **D**

1
 2
 3
 4
 5
 6

• Series compatible with secondary batteries

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

| | Symbol | Description | ① Body size | | | | |
|--------------------------|--------|----------------------------------------------------------------|-------------|-----|-----|-----|-----|
| | | | 20 | 30 | 40 | 50 | 60 |
| ② With backflow function | Nil | Without backflow function | ● | ● | ● | ● | ● |
| | K*1 | 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 Option*2 Mounting | Nil | Without mounting option | ● | ● | ● | ● | ● |
| | B*3 | With bracket | ● | ● | ● | ● | ● |
| | H | With set nut (For panel fitting) | ● | ● | ● | — | — |
| + | | | | | | | |
| a | Nil | 0.05 to 0.85 MPa setting | ● | ● | ● | ● | ● |
| | 1*4 | 0.02 to 0.2 MPa setting | ● | ● | ● | ● | ● |
| + | | | | | | | |
| b | Nil | Relieving type | ● | ● | ● | ● | ● |
| | N | Non-relieving type | ● | ● | ● | ● | ● |
| + | | | | | | | |
| c | Nil | Flow direction: Left to right | ● | ● | ● | ● | ● |
| | R | Flow direction: Right to left | ● | ● | ● | ● | ● |
| + | | | | | | | |
| d | Nil | Downward | ● | ● | ● | ● | ● |
| | Y | Upward | ● | ● | ● | ● | ● |
| + | | | | | | | |
| e | Nil | Unit on product label: MPa, Pressure gauge in SI units: MPa | ● | ● | ● | ● | ● |
| | Z*5 | Unit on product label: psi, Pressure gauge: MPa/psi dual scale | ○*5 | ○*5 | ○*5 | ○*5 | ○*5 |

- *1 Set the inlet pressure to at least 0.05 MPa higher than the set pressure.
- *2 Options B and H are not assembled and supplied loose at the time of shipment.
- *3 The assembly consists of a bracket and set nuts.
- *4 Pressure can be set higher than the specification pressure in some cases, but use pressure within the specification range.
- *5 ○: For pipe thread type: NPT. This product is for overseas use only according to the New Measurement Act. (The SI unit type is provided for use in Japan.)

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

| Option | Model | | | | | |
|--------------------|-----------------|-----------------|-----------------|------------------|-----------------|---------------|
| | 25A-AR20(K)-D | 25A-AR30(K)-D | 25A-AR40(K)-D | 25A-AR40(K)-06-D | 25A-AR50(K)-D | 25A-AR60(K)-D |
| Bracket assembly*1 | 25A-AR23P-270AS | 25A-AR33P-270AS | 25A-AR43P-270AS | | 25A-AR54P-270AS | |
| Set nut | AR23P-260S | AR33P-260S | AR43P-260S | | —*2 | |

- *1 The assembly consists of a bracket and set nuts. For the 25A-AR50(K)-D and 25A-AR60(K)-D, the assembly consists of an A and B bracket and 2 mounting screws.
- *2 Please contact SMC regarding the set nuts for the 25A-AR50(K)-D and 25A-AR60(K)-D.

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

For details, refer to the [Web Catalog](#).

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** - **03** - B

① ② ③ ④ ⑤ ⑥

• Series compatible with secondary batteries

- Semi-standard: Select one each for a to e.
- 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 | Option*1 Mounting | Nil | Without mounting option | | | | | | | |
| | | B*2 | With bracket | | | | | | | |
| | | H | With set nut (For panel fitting) | | | | | | | |
| + | | | | | | | | | | |
| ⑥ | Semi-standard | a | Set pressure | Nil | 0.05 to 0.85 MPa setting | | | | | |
| | | | | 1*3 | 0.02 to 0.2 MPa setting | | | | | |
| | | + | | | | | | | | |
| | | b | Exhaust mechanism | Nil | Relieving type | | | | | |
| | | | | N | Non-relieving type | | | | | |
| | | + | | | | | | | | |
| | | c | Flow direction | Nil | Flow direction: Left to right | | | | | |
| | | | | R | Flow direction: Right to left | | | | | |
| | | + | | | | | | | | |
| | | d | Knob | Nil | Downward | | | | | |
| | | | | Y | Upward | | | | | |
| | | + | | | | | | | | |
| e | Pressure unit | Nil | Name plate in SI units: MPa | | | | | | | |
| | | Z*4 | Name plate in imperial units: psi | | | | | | | |

*1 Options B and H are not assembled and supplied loose at the time of shipment.

*2 The assembly consists 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 higher than the specification pressure in some cases, but use pressure within the specification range.

*4 ○: For pipe thread type: NPT. This product is for overseas use only according to the New Measurement Act.

(The SI unit type is provided for use in Japan.)

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

| Option | 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 |
|--------------------|-------|-----------------|-----------------|-----------------|-----------------|--------------------------------|
| 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 The assembly consists of a bracket and set nuts.

*2 The assembly consists of a bracket and 2 mounting screws.

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

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

Filter Regulator

25A-AW20-D to 25A-AW60-D

Filter Regulator with Backflow Function

25A-AW20K-D to 25A-AW60K-D



How to Order

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

① ② ③ ④ ⑤ ⑥

• Series compatible with secondary batteries

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

| | | Symbol | Description | ① | | | | | |
|---|------------------------|--------|----------------------------------|-----------|--------------------------------------------------------------------|-----|-----|-----|-----|
| | | | | Body size | | | | | |
| | | | | 20 | 30 | 40 | 60 | | |
| ② | With backflow function | Nil | Without backflow function | ● | ● | ● | ● | | |
| | | K*1 | 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 | Option*2 Mounting | Nil | Without mounting option | ● | ● | ● | ● | | |
| | | B*3 | With bracket | ● | ● | ● | ● | | |
| | | H | With set nut (For panel fitting) | ● | ● | ● | — | | |
| + | | | | | | | | | |
| ⑥ | Semi-standard | a | Set pressure | Nil | 0.05 to 0.85 MPa setting | ● | ● | ● | ● |
| | | | | 1*4 | 0.02 to 0.2 MPa setting | ● | ● | ● | ● |
| | | + | | | | | | | |
| | | b | Exhaust mechanism | Nil | Relieving type | ● | ● | ● | ● |
| | | | | N | Non-relieving type | ● | ● | ● | ● |
| | | + | | | | | | | |
| | | c | Flow direction | Nil | Flow direction: Left to right | ● | ● | ● | ● |
| | | | | R | Flow direction: Right to left | ● | ● | ● | ● |
| | | + | | | | | | | |
| | | d | Unit | Nil | Unit on product label: MPa, °C, Pressure gauge in SI units: MPa | ● | ● | ● | ● |
| | | | | Z*5 | Unit on product label: psi, °F, Pressure gauge: MPa/psi dual scale | ○*5 | ○*5 | ○*5 | ○*5 |

*1 Set the inlet pressure to at least 0.05 MPa higher than the set pressure.

*2 Options B and H are not assembled and supplied loose at the time of shipment.

*3 The assembly consists of a bracket and set nuts

*4 Pressure can be set higher than the specification pressure in some cases, but use pressure within the specification range.

*5 ○ : For pipe thread type: NPT. This product is for overseas use only according to the New Measurement Act.

(The SI unit type is provided for use in Japan.)

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

| Option | Model | | | | |
|--------------------|-----------------|-----------------|-----------------|------------------|-----------------|
| | 25A-AW20(K)-D | 25A-AW30(K)-D | 25A-AW40(K)-D | 25A-AW40(K)-06-D | 25A-AW60(K)-D |
| Bracket assembly*1 | 25A-AW23P-270AS | 25A-AR33P-270AS | 25A-AR43P-270AS | | 25A-AR54P-270AS |
| Set nut | AR23P-260S | AR33P-260S | AR43P-260S | | |
| Bowl assembly | 25A-C2SF-D | 25A-C3SF-D | 25A-C4SF-D | | |

*1 The assembly consists of a bracket and set nuts.

*2 For the 25A-AW60(K)-D, the assembly consists of an A and B bracket and 2 mounting screws.
Please contact SMC regarding the set nuts for the 25A-AW60(K)-D.

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

For details, refer to the [Web Catalog](#).

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

- Semi-standard: Select one each for **a** to **d**.
- 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 | — | — | ● | ● | |
| + | | | | | | | | |
| ⑤ | Option *1 Mounting | Nil | Without mounting option | ● | ● | ● | ● | |
| | | B*2 | With bracket | ● | ● | ● | ● | |
| | | H | With set nut (For panel fitting) | ● | ● | ● | — | |
| + | | | | | | | | |
| ⑥ | a | Nil | 0.05 to 0.85 MPa setting | ● | ● | ● | ● | |
| | | 1*3 | 0.02 to 0.2 MPa setting | ● | ● | ● | ● | |
| | + | | | | | | | |
| | b | Nil | Relieving type | ● | ● | ● | ● | |
| | | N | Non-relieving type | ● | ● | ● | ● | |
| | + | | | | | | | |
| | c | Nil | Flow direction: Left to right | ● | ● | ● | ● | |
| | | R | Flow direction: Right to left | ● | ● | ● | ● | |
| + | | | | | | | | |
| d | 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 Options B and H are not assembled and supplied loose at the time of shipment.

*2 The assembly consists 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 higher than the specification pressure in some cases, but use pressure within the specification range.

*4 ○ : For pipe thread type: NPT. This product is for overseas use only according to the New Measurement Act.

(The SI unit type is provided for use in Japan.)

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 The assembly consists of a bracket and set nuts.

*2 The assembly consists of a bracket and 2 mounting screws.

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

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

For details, refer to the [Web Catalog](#).

Mist Separator Regulator

25A-AWM30, AWM40-D

Micro Mist Separator Regulator

25A-AWD30, AWD40-D



25A-AWM30-D 25A-AWD30-D

- 25A-AWM Series Nominal filtration rating: 0.3 μm
- 25A-AWD Series Nominal filtration rating: 0.01 μm

How to Order

25A - AWM 30 - [] 03 B - [] - D

25A - AWD 30 - [] 03 B - [] - D

• Series compatible with secondary batteries

① ② ③ ④ ⑤

- Semi-standard: Select one each for a to d.
- Semi-standard symbol: When more than one specification is required, indicate in alphanumeric order.
Example) 25A-AWM30-F03B-1NR-D

| | | Symbol | Description | ① | | |
|-----|------------------|-------------------|--------------------------------|--------------------------------|-----|---|
| | | | | Body size | | |
| | | | | 30 | 40 | |
| ② | Pipe thread type | Nil | Rc | ● | ● | |
| | | N | NPT | ● | ● | |
| | | F | G | ● | ● | |
| + | | | | | | |
| ③ | Port size | 02 | 1/4 | ● | ● | |
| | | 03 | 3/8 | ● | ● | |
| | | 04 | 1/2 | — | ● | |
| + | | | | | | |
| ④ | *1 Mounting | Nil | Without mounting option | ● | ● | |
| | | B*2 | With bracket | ● | ● | |
| | | H | With set nut (for panel mount) | ● | ● | |
| + | | | | | | |
| ⑤ | a | Set pressure*3 | Nil | 0.05 to 0.85 MPa setting | ● | ● |
| | | | 1 | 0.05 to 0.2 MPa setting | ● | ● |
| | + | | | | | |
| | b | Exhaust mechanism | Nil | Relieving type | ● | ● |
| | | | N | Non-relieving type | ● | ● |
| | + | | | | | |
| | c | Flow direction | Nil | Flow direction: Left to right | ● | ● |
| | | | R | Flow direction: Right to left | ● | ● |
| | + | | | | | |
| | d | Unit | Nil | Unit on product label: MPa, °C | ● | ● |
| Z*4 | | | Unit on product label: psi, °F | ○*5 | ○*5 | |

- *1 Options B and H are not assembled and supplied loose at the time of shipment.
- *2 The assembly consists of a bracket and set nuts.
- *3 Pressure can be set higher than the specification pressure in some cases, but use pressure within the specification range.
- *4 For the pipe thread type: NPT
This product is for overseas use only according to the New Measurement Act.
(The SI unit type is provided for use in Japan.)
- *5 ○: For the pipe thread type: NPT only

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

| Optional specifications | Model | |
|----------------------------|----------------------------|----------------------------|
| | 25A-AWM30-D 25A-AWD30-D | 25A-AWM40-D 25A-AWD40-D |
| Bracket assembly *1 | 25A-AR33P-270AS | 25A-AR43P-270AS |
| Set nut | AR33P-260S | AR43P-260S |
| Bowl assembly | 25A-C3SF-D | 25A-C4SF-D |

*1 The assembly consists of a bracket and set nuts.

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

For details, refer to the [Web Catalog](#).

Soft Start-up Valve

25A-AV2000-A to 25A-AV5000-A



How to Order

25A-AV 20 00 - 02 B - 1 D B - - A

Series compatible with secondary batteries*7

· Select one each for options "a" and semi-standard options "b" and "c."
· Option/Semi-standard symbol: When more than one specification is required, indicate in alphabetical order.
Example) 25A-AV2000-N02B-1DB-RZ-A

* CE/UKCA compliant: ●

| | Electrical entry | | |
|----|------------------|--------------|---------------|
| | Grommet | DIN terminal | M12 connector |
| AC | — | ● | — |
| DC | ● | ● | ● |

| | Symbol | Description | ① Body size | | | | |
|----------------------------------|------------------|---------------|----------------------------------------------------------------|-------------------------------------------------|-----|-----|-----|
| | | | 20 | 30 | 40 | 50 | |
| ② Thread type | Nil | Rc | ● | ● | ● | ● | |
| | N | NPT | ● | ● | ● | ● | |
| | F | G | ● | ● | ● | ● | |
| + | | | | | | | |
| ③ Port size 1(P), 2(A) | 02 | 1/4 | ● | — | — | — | |
| | 03 | 3/8 | — | ● | — | — | |
| | 04 | 1/2 | — | — | ● | — | |
| | 06 | 3/4 | — | — | — | ● | |
| | 10 | 1 | — | — | — | ● | |
| + | | | | | | | |
| ④ Option a | Mounting | Nil | Without mounting option | ● | ● | ● | ● |
| | | B | With bracket | ● | ● | ● | ● |
| + | | | | | | | |
| ⑤ Rated coil voltage | AC (50/60 Hz) | 1 | 100 VAC | ● | ● | ● | ● |
| | | 2 | 200 VAC | ● | ● | ● | ● |
| | | 3 | 110 VAC [115 VAC]*1 | ● | ● | ● | ● |
| | | 4 | 220 VAC [230 VAC]*1 | ● | ● | ● | ● |
| | DC | 5 | 24 VDC | ● | ● | ● | ● |
| | | 6 | 12 VDC | ● | ● | ● | ● |
| + | | | | | | | |
| ⑥ Electrical entry | | G | Grommet (Lead wire length: 300 mm) | ● | ● | ● | ● |
| | | D | Type D (DIN terminal/With connector) | ● | ● | ● | ● |
| | | Y | Type Y (DIN terminal/With connector)*2 | ● | ● | ● | ● |
| | | KO | M12 connector (Without cable) | ○*3 | ○*3 | ○*3 | ○*3 |
| + | | | | | | | |
| ⑦ Light/surge voltage suppressor | | Nil | None | ● | ● | ● | ● |
| | | Z | With light/surge voltage suppressor | ○*4 | ○*4 | ○*4 | ○*4 |
| + | | | | | | | |
| ⑧ Manual override | | Nil | Non-locking push type | ● | ● | ● | ● |
| | | B | Push-turn locking slotted type | ● | ● | ● | ● |
| | | C | Push-turn locking lever type | ● | ● | ● | ● |
| + | | | | | | | |
| ⑨ Semi-standard b | Flow direction | Nil | Flow direction: Left to right | ● | ● | ● | ● |
| | | R | Flow direction: Right to left | ● | ● | ● | ● |
| | c | Pressure unit | Nil | Unit on product label: MPa, Pressure gauge: MPa | ● | ● | ● |
| Z*5 | | | Unit on product label: psi, Pressure gauge: MPa/psi dual scale | ○*6 | ○*6 | ○*6 | ○*6 |

*1 The 110 VAC and the 115 VAC are interchangeable. The 220 VAC and the 230 VAC are interchangeable as well.

The allowable voltage fluctuation is -15% to +5% of the rated voltage for the 115 VAC or the 230 VAC.

*2 Type "Y" is a DIN terminal in compliance with EN-175301-803C (former DIN43650C).

*3 When the electrical entry is "KO," only the DC specifications (5 or 6) can be selected for the rated coil voltage.

*4 When it is "KO," only the "With light/surge voltage suppressor" option can be selected.

*5 For the pipe thread type: NPT

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

*6 Pressure unit Z: For the pipe thread type: NPT only

*7 Coils for pilot valve assemblies, connector pins, and lead wires are made of copper.

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

For details, refer to the [Web Catalog](#).

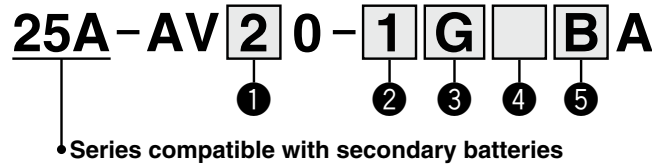


Bracket/Option Part Nos., Pilot Valve Assembly/Replacement Parts for the 25A- Series

| Description | Series | | | |
|----------------------|----------------------------------|-----------------|-----------------|-----------------|
| | 25A-AV2000-A | 25A-AV3000-A | 25A-AV4000-A | 25A-AV5000-A |
| Bracket assembly*1 | 25A-AV22P-210AS | 25A-AV32P-210AS | 25A-AV42P-210AS | 25A-AV52P-210AS |
| Pilot valve assembly | Refer to the How to Order below. | | | |

*1 Bracket: 1 pc., Mounting screw: 2 pcs. (3 pcs. for the 25A-AV5000-A)

How to Order Pilot Valve Assembly



| | Symbol | Description | Applicable body size | | | | | |
|----------|--------------------------------|------------------|----------------------------------------|---------------------|-----|-----|-----|-----|
| | | | 20 | 30 | 40 | 50 | | |
| 1 | Body size | 2 | For the AV2000-A, AV3000-A | | ● | ● | — | — |
| | | 4 | For the AV4000-A, AV5000-A | | — | — | ● | ● |
| + | | | | | | | | |
| 2 | Rated coil voltage | AC (50/60 Hz) | 1 | 100 VAC | ● | ● | ● | ● |
| | | | 2 | 200 VAC | ● | ● | ● | ● |
| | | | 3 | 110 VAC [115 VAC]*1 | ● | ● | ● | ● |
| | | DC | 4 | 220 VAC [230 VAC]*1 | ● | ● | ● | ● |
| | | | 5 | 24 VDC | ● | ● | ● | ● |
| | | | 6 | 12 VDC | ● | ● | ● | ● |
| + | | | | | | | | |
| 3 | Electrical entry | G | Grommet (Lead wire length: 300 mm) | | ● | ● | ● | ● |
| | | D | Type D (DIN terminal/With connector) | | ● | ● | ● | ● |
| | | Y | Type Y (DIN terminal/With connector)*2 | | ● | ● | ● | ● |
| | | KO | M12 connector (Without cable) | | ○*3 | ○*3 | ○*3 | ○*3 |
| + | | | | | | | | |
| 4 | Light/surge voltage suppressor | Nil | None | | ● | ● | ● | ● |
| | | Z | With light/surge voltage suppressor | | ○*4 | ○*4 | ○*4 | ○*4 |
| + | | | | | | | | |
| 5 | Manual override | Nil | Non-locking push type | | ● | ● | ● | ● |
| | | B | Push-turn locking slotted type | | ● | ● | ● | ● |
| | | C | Push-turn locking lever type | | ● | ● | ● | ● |

*1 The 110 VAC and the 115 VAC are interchangeable. The 220 VAC and the 230 VAC are interchangeable as well. The allowable voltage fluctuation is -15% to +5% of the rated voltage for the 115 VAC or the 230 VAC.

*2 Type "Y" is a DIN terminal in compliance with EN-175301-803C (former DIN43650C).

*3 When the electrical entry is "KO," only the DC specifications (5 or 6) can be selected for the rated coil voltage.

*4 When it is "KO," only the "With light/surge voltage suppressor" option can be selected.

Precision Regulator



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 | — | — | ● | |
| | | 1 | 0.01 to 0.4 MPa | ● | ● | ● | |
| | | 2 | 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 | a | Mounting | Nil | Without mounting option | ● | ● | ● |
| | | | B*2 | With bracket | ● | ● | ● |
| | | | H | With hexagon panel nut (for panel mount) | ● | ● | ● |
| | | | + | | | | |
| | b | With digital pressure switch | EA | NPN open collector 1 output | ● | ● | ● |
| | | | EB | PNP open collector 1 output | ● | ● | ● |
| | | | EC | NPN open collector 2 outputs + Analog voltage output | ● | ● | ● |
| ED | | | NPN open collector 2 outputs + Analog current output | ● | ● | ● | |
| | | + | | | | | |
| c | Flow direction | Nil | Flow direction: Left to right | ● | ● | ● | |
| | | R | Flow direction: Right to left | ● | ● | ● | |
| | | + | | | | | |
| ⑦ | d | Knob | Nil | Upward | ● | ● | ● |
| | | | V | Downward | ● | ● | ● |
| | | + | | | | | |
| e | Pressure unit*3 | Nil | Name plate and pressure gauge in imperial units: MPa | ● | ● | ● | |
| | | Z | Name plate and pressure gauge in imperial units: psi | ● | ● | ● | |
| | | ZA | Digital pressure switch: With unit conversion function | ● | ● | ● | |

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

*2 The assembly consists of a bracket and set nuts

*3 See pressure unit table below.

| | Pipe thread type | Name plate in imperial units | Pressure switch in imperial units | Sales*6 |
|------|------------------|------------------------------|---------------------------------------------------|-----------------|
| | | | EA, EB, EC, ED | |
| Nil | Rc | MPa | Fixed SI unit | Japan, Overseas |
| | NPT | | | |
| | G | | | |
| Z*4 | Rc | psi | With unit conversion function (Initial value psi) | Only overseas |
| | NPT | | | |
| | G | | | |
| ZA*5 | Rc | MPa | With unit conversion function | Only overseas |
| | NPT | | | |
| | G | | | |

*4 For pipe thread type: NPT

*5 For options: EA, EB, EC, ED

*6 According to the new Measurement Law, only 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.

For details, refer to the [Web Catalog](#).

Electro-Pneumatic Regulator

25A-ITV1000/2000/3000 Series



How to Order



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

Series compatible with secondary batteries

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 mADC (Sink type) |
| 1 | Current type 0 to 20 mADC (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 mADC (Sink type) |
| Nil | None (For 4 points preset input) |

Pressure display unit

| | |
|-----|---------------------|
| Nil | MPa |
| 2*1 | kgf/cm ² |
| 3 | bar |
| 4*1 | psi |
| 5 | kPa |

*1 This product is for overseas use only according to the New Measurement Act. (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.

For details, refer to the [Web Catalog](#).

