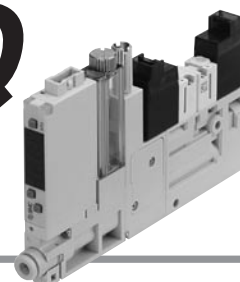




[Option]
Note) CE compliant:
For DC only.

Space Saving Vacuum Ejector Series 25A-ZQ



How to Order

Ejector Unit

25A-ZQ1 **05** **1U** - **K1** **5** **L** - **EA** **G** - - -

① Series compatible with secondary batteries

① Nozzle nominal size

05	ø0.5
07	ø0.7
10	ø1.0

② Exhaust type

1U	With silencer for single unit
3M	With silencer for manifold

③ Solenoid valve combination (Refer to Table (1).)

Symbol	Supply valve	Vacuum release valve
K1	Normally closed	Normally closed
K2 Note 1)	Normally open	Normally closed
J1	Normally closed	None
J2 Note 1)	Normally open	None
Q1	Latching positive common	Normally closed
Q2	Latching positive common	None
N1	Latching negative common	Normally closed
N2	Latching negative common	None

Note 1) In cases when K2 or J2 (supply valve normally open) is selected for the solenoid valve combination, when vacuum is stopped for long periods of time (10 minutes or more), do not continue to energize the supply valve, and shut off the air supply.

④ Pilot valve (Refer to Table (1).)

Nil	Standard (DC: 1 W) ^{Note 2)}
Y	DC low wattage type (0.5 W) ^{Note 2)}

Note 2) Avoid energizing the solenoid valve for long periods of time. (Refer to Design and Selection on Specific Product Precautions.)

⑤ Solenoid valve rated voltage (Refer to Table (1).)

		CE compliant
1 Note 3)	100 VAC (50/60 Hz)	—
2 Note 3)	200 VAC (50/60 Hz)	—
3 Note 3)	110 VAC (50/60 Hz)	—
4 Note 3)	220 VAC (50/60 Hz)	—
5	24 VDC	●
6	12 VDC	●

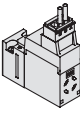
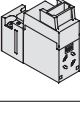
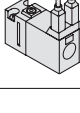
Note 3) CE compliant products are not available for "1", "2", "3" and "4".

Table (1) Combination of Solenoid Valve, Pilot Valve and Power Supply Voltage

Combination no.	Solenoid valve combination symbol	Pilot valve symbol	Applicable power supply voltage (V)					
			100 AC	200 AC	110 AC	220 AC	24 DC	12 DC
①	K1	Nil	—	—	—	—	●	●
②	K1	Y	—	—	—	—	●	●
③	K2	Nil	—	—	—	—	●	●
④	J1	Nil	●	●	●	●	●	●
⑤	J1	Y	—	—	—	—	●	●
⑥	J2	Nil	—	—	—	—	●	●
⑦	Q1	Nil	—	—	—	—	●	●
⑧	Q2	Nil	●	●	●	●	●	●
⑨	N1	Nil	—	—	—	—	●	●
⑩	N2	Nil	—	—	—	—	●	●

* Combinations ① to ⑩ in the above table are the only possible options.

⑥ Electrical entry

L	L-type plug connector, with 0.3 m lead wire, with light/surge voltage suppressor	
LO	L-type plug connector, without connector, with light/surge voltage suppressor	
G	Grommet, with 0.3 m lead wire (Latching/AC type: Not applicable)	

⑦ Manual override Note 4)

Nil	Non-locking push type Latching type: Push-locking type
B	Locking type (Q1/Q2/N1/N2: Not applicable)

Note 4) Latching type supply valve: Available in "Nil" only. In this case, the supply valve and release valve come with a push-locking type.

⑧ Vacuum pressure switch suction filter Note 5)

EA	0 to -101 kPa/NPN open collector 2 outputs, with suction filter
EB	0 to -101 kPa/PNP open collector 2 outputs, with suction filter
EC	0 to -101 kPa/NPN open collector 1 output + analog voltage, with suction filter
EE	0 to -101 kPa/PNP open collector 1 output + analog voltage, with suction filter
FA	100 to -100 kPa/NPN open collector 2 outputs, with suction filter
FB	100 to -100 kPa/PNP open collector 2 outputs, with suction filter
FC	100 to -100 kPa/NPN open collector 1 output + analog voltage, with suction filter
FE	100 to -100 kPa/PNP open collector 1 output + analog voltage, with suction filter
F	Suction filter only

Note 5) The filter included in this product is of an simple type, and will become clogged quickly in environments with high quantities of dust or particulates. Please make additional use of an air suction filter of the ZFA, ZFB or ZFC series.

⚠ Warning

The filter case of this suction filter is made of nylon. Contact with alcohol or similar chemicals may cause it to be damaged. Also, do not use the filter when these chemicals are present in the atmosphere.

⑪ Check valve Note 8)

Nil	None
K	With check valve

Note 8) The check valve has a function to prevent the exhaust air from the silencer overflowing to the vacuum port side when a manifold is used. However, depending on usage conditions, it does not always suppress air overflow to the desired extent. During usage, please inspect thoroughly with actual machine. Also, in order to completely prevent the overflow of exhaust air, leave plenty of space between the check valve unit and adjacent ejector to avoid interference from the ejector's exhaust unit.

⚠ Warning

- ① Cannot be used for vacuum retention.
- ② Use a release valve. (Without a release valve, a workpiece may not be released.)

⑫ Fitting (V port)

Symbol	Applicable tubing O.D.
0	Without fitting (M5 x 0.8)

⑬ Fitting (P port)

Symbol	Applicable tubing O.D.	Object spec.
Nil	Without port	Manifold
0	Without fitting (M5 x 0.8)	Single unit

⑨ Vacuum pressure switch unit specifications

Nil	With unit switching function Note 6)
M	Fixed SI unit Note 7)
P	With unit switching function Note 6) (Initial value psi)

Note 6) Under the New Measurement Law, sales of switches with the unit switching function are not allowed for use in Japan.

Note 7) Fixed unit: kPa

⑩ Vacuum pressure switch lead wire specifications

Nil	Without connector
G	Lead wire with connector (Lead wire length 2 m) With connector cover

⑭ CE compliant

Nil	—
Q	CE compliant

Note) CE compliant: For DC only.

* Specifications and dimensions for the 25A-series are the same as standard products.

How to Order

Manifold

25A – ZZQ1 07 – B S C

Number of stations (Note)

01	1 station
02	2 stations
⋮	⋮
08	8 stations

Note) Number of stations varies according to nozzle nominal size during simultaneous operation.

Maximum Number of Stations in Simultaneous Operation

Nozzle nominal size	Maximum number of stations in simultaneous operation
ø0.5	8 stations
ø0.7	6 stations
ø1.0	4 stations

Air pressure supply (P) port position

B	Both sides
---	------------

Exhaust

S	With silencers (Both sides)
---	-----------------------------

Vacuum release pressure supply port (PD port)

B	None (Release pressure is supplied from the P port.)
C	Provided (Air can be alternatively supplied from the P port.)

* Specifications and dimensions for the 25A-series are the same as standard products.

How to Order

Solenoid valve

Actuation

1 Normally closed

25A-ZQ1-VQ1 1 0

25A-ZQ1-VQ1 2 0

Actuation

2 Normally open

Pilot valve

Nil Standard (1 W)

Solenoid valve rated voltage

5 24 VDC

6 12 VDC

Pilot valve

Nil Standard (DC: 1 W)

Y Low wattage type (0.5 W)
*AC type: Not applicable

L Latching positive common

N Latching negative common

Solenoid valve rated voltage

1 100 VAC (50/60 Hz)

2 200 VAC (50/60 Hz)

3 110 VAC (50/60 Hz)

4 220 VAC (50/60 Hz)

5 24 VDC

6 12 VDC

Manual override Note)

Nil Non-locking push type

B Latching type: Push-locking type

Note) Latching type: Available in "Nil" only

Electrical entry Note)

L L-type plug connector, with 0.3 m lead wire

LO L-type plug connector, without connector

G Grommet, with 0.3 m lead wire (Latching/AC type: Not applicable)

Note) Mounting screws are attached.

Vacuum pressure switch

25A-ZQ1-ZS

Vacuum pressure switch specifications

EA	0 to -101 kPa/NPN open collector 2 outputs, with suction filter
EB	0 to -101 kPa/PNP open collector 2 outputs, with suction filter
EC	0 to -101 kPa/NPN open collector 1 output + analog voltage, with suction filter
EE	0 to -101 kPa/PNP open collector 1 output + analog voltage, with suction filter
FA	100 to -100 kPa/NPN open collector 2 outputs, with suction filter
FB	100 to -100 kPa/PNP open collector 2 outputs, with suction filter
FC	100 to -100 kPa/NPN open collector 1 output + analog voltage, with suction filter
FE	100 to -100 kPa/PNP open collector 1 output + analog voltage, with suction filter

Vacuum pressure switch unit specifications

Nil	With unit switching function Note 1)
M	Fixed SI unit Note 2)
P	With unit switching function Note 1) (Initial value psi)

Note 1) Under the New Measurement Law, sales of switches with the unit switching function are not allowed for use in Japan.

Note 2) Fixed unit: kPa

Vacuum pressure switch lead wire specifications

Nil	Without connector
G	Lead wire with connector (lead wire length 2 m) With connector cover

Fitting (V port)

Symbol	Applicable tubing O.D.
0	Without fitting (M5 x 0.8)

Check valve Note 3)

Nil	None
K	With check valve

Note 3) The check valve has a function to prevent the exhaust air from the silencer overflowing to the vacuum port side when a manifold is used, but it is incapable of completely preventing overflow. During usage, please inspect thoroughly with actual machine.

Also, in order to completely prevent the overflow of exhaust air, leave plenty of space between the check valve unit and adjacent ejector to avoid interference from the ejector's exhaust unit.

Warning

① Cannot be used for vacuum retention.

② Use a vacuum release valve. (Without a vacuum release valve, the workpiece may not be released.)

Lead wire with connector part no.	Note
ZS-39-5G	Lead wire length 2 m (With connector cover)

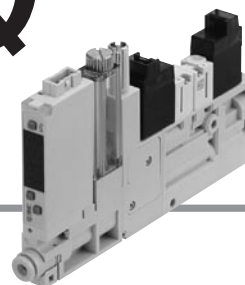
* Specifications and dimensions for the 25A-series are the same as standard products.



[Option]
Note) CE compliant:
For DC only.

Space Saving Vacuum Pump System

Series 25A-ZQ



How to Order

Vacuum pump unit

25A-ZQ1000 U - K1 5 L - EA G - -

① Series compatible with secondary batteries

① Body type

U	For single unit
M	For manifold

② Solenoid valve combination (Refer to Table (1).)

Symbol	Supply valve	Vacuum release valve
K1	Normally closed	Normally closed
K2 Note 1)	Normally open	Normally closed
J1	Normally closed	None
J2 Note 1)	Normally open	None
Q1	Latching positive common	Normally closed
Q2	Latching positive common	None
N1	Latching negative common	Normally closed
N2	Latching negative common	None

⚠ The air in the adsorption section of this product is not released to the atmosphere at the vacuum suspension state.
As for K1, K2, Q1 and N1, use the vacuum release valve when a workpiece is detached.
Concerning J1, J2, Q2 and N2, devise the circuit for the vacuum release additionally when a workpiece is detached.

Note 1) In cases when K2 or J2 (supply valve normally open) is selected for the solenoid valve combination, when vacuum is stopped for long periods of time (10 minutes or more), do not continue to energize the supply valve, and shut off the air supply.

③ Pilot valve (Refer to Table (1).)

Nil	Standard (DC: 1 W) ^{Note 2)}
Y	DC low wattage type (0.5 W) ^{Note 2)}

Note 2) Avoid energizing the solenoid valve for long periods of time.
(Refer to Specific Product Precautions 1; Caution on Design and Selection.)

④ Solenoid valve rated voltage (Refer to Table (1).)

		CE compliant
1 Note 3)	100 VAC (50/60 Hz)	—
2 Note 3)	200 VAC (50/60 Hz)	—
3 Note 3)	110 VAC (50/60 Hz)	—
4 Note 3)	220 VAC (50/60 Hz)	—
5	24 VDC	●
6	12 VDC	●

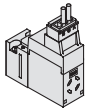
Note 3) CE compliant products are not available for "1", "2", "3" and "4".

Table (1) Combination of Solenoid Valve, Pilot Valve and Rated Voltage

Combination no.	Solenoid valve combination symbol	Pilot valve symbol	Applicable power supply voltage (V)					
			100 AC	200 AC	110 AC	220 AC	24 DC	12 DC
①	K1	Nil	—	—	—	—	●	●
②	K1	Y	—	—	—	—	●	●
③	K2	Nil	—	—	—	—	●	●
④	J1	Nil	●	●	●	●	●	●
⑤	J1	Y	—	—	—	—	●	●
⑥	J2	Nil	—	—	—	—	●	●
⑦	Q1	Nil	—	—	—	—	●	●
⑧	Q2	Nil	●	●	●	●	●	●
⑨	N1	Nil	—	—	—	—	●	●
⑩	N2	Nil	—	—	—	—	●	●

* Combinations ① to ⑩ in the above table are the only possible options.

⑤ Electrical entry

L	L-type plug connector, with 0.3 m lead wire, with light/surge voltage suppressor	
LO	L-type plug connector, without connector, with light/surge voltage suppressor	
G	Grommet, with 0.3 m lead wire (Latching/AC type: Not applicable)	

⑥ Manual override ^{Note 4)}

Nil	Non-locking push type Latching type: Push-locking type
B	Locking type (Q1/Q2/N1/N2: Not applicable)

Note 4) Latching type supply valve: Available in "Nil" only.
In this case, the supply valve and release valve come with a push-locking type.

⑦ Vacuum pressure switch suction filter ^{Note 5)}

EA	0 to -101 kPa/NPN open collector 2 outputs, with suction filter
EB	0 to -101 kPa/PNP open collector 2 outputs, with suction filter
EC	0 to -101 kPa/NPN open collector 1 output + analog voltage, with suction filter
EE	0 to -101 kPa/PNP open collector 1 output + analog voltage, with suction filter
FA	100 to -100 kPa/NPN open collector 2 outputs, with suction filter
FB	100 to -100 kPa/PNP open collector 2 outputs, with suction filter
FC	100 to -100 kPa/NPN open collector 1 output + analog voltage, with suction filter
FE	100 to -100 kPa/PNP open collector 1 output + analog voltage, with suction filter
F	Suction filter only

Note 5) The filter included in this product is of an simple type, and will become clogged quickly in environments with high quantities of dust or particulates. Please make additional use of an air suction filter of the ZFA, ZFB or ZFC series.

⚠ Warning

The filter case of this suction filter is made of nylon. Contact with alcohol or similar chemicals may cause it to be damaged. Also, do not use the filter when these chemicals are present in the atmosphere.

⑩ Fitting (V port) ^{Note 8)}

Symbol	Applicable tubing O.D.
0	Without fitting (M5 x 0.8)

⑪ Fitting (PS / PV port) ^{Note 8)}

Symbol	Applicable tubing O.D.	Part no.	Object spec.
Nil	Without port	—	Manifold
0	Without fitting (M5 x 0.8)	—	Single unit

⑫ CE compliant

Nil	—
Q	CE compliant

Note) CE compliant: For DC only.

⑧ Vacuum pressure switch unit specifications

Nil	With unit switching function ^{Note 6)}
M	Fixed SI unit ^{Note 7)}
P	With unit switching function ^{Note 6)} (Initial value psi)

Note 6) Under the New Measurement Law, sales of switches with the unit switching function are not allowed for use in Japan.

Note 7) Fixed unit: kPa

⑨ Vacuum pressure switch lead wire specifications

Nil	Without connector
G	Lead wire with connector (Lead wire length 2 m) With connector cover

* Specifications and dimensions for the 25A-series are the same as standard products.

How to Order

Manifold **25A-ZZQ1** **08** - **0** **0**

Number of stations ●

01	1 station
02	2 stations
...	...
08	8 stations

Vacuum pressure supply port (PV port)
Port location
(Refer to Table (1).) ●

L	Left side
R	Right side

Table (1) Air Pressure Supply Port Location on the Manifold

PD port	Manifold Port location	Left			Right		
		PS	PV	PD	PS	PV	PD
B	L (Left side)	—	●	—	● (Note)	—	—
	R (Right side)	● (Note)	—	—	—	●	—
C	L (Left side)	—	●	●	●	—	●
	R (Right side)	●	—	●	—	●	●

Note) The position of each port is shown as right and left sides viewed from the front side of the vacuum port.

Release pressure is commonly supplied from the PS port.

* PS: Pilot pressure supply port, PV: Vacuum pressure supply port, PD: Release pressure supply port

Release pressure supply port (PD port) ●

B	None (Release pressure is supplied from the PS port.)
C	Provided (Air can be alternatively supplied from the PS port.)

* Specifications and dimensions for the 25A-series are the same as standard products.

How to Order

Solenoid valve

Actuation

1	Normally closed
---	-----------------

25A-ZQ1-VQ1 1 0  **-5 L** 

25A-ZQ1-VQ1 2 0  **-5 L** 

Actuation

2	Normally open
---	---------------

Pilot valve

Nil	Standard (1 W)
-----	----------------

Solenoid valve rated voltage

5	24 VDC
6	12 VDC

Pilot valve

Nil	Standard (DC: 1 W)
Y	Low wattage type (0.5 W) *AC type: Not applicable
L	Latching positive common
N	Latching negative common

Solenoid valve rated voltage

1	100 VAC (50/60 Hz)
2	200 VAC (50/60 Hz)
3	110 VAC (50/60 Hz)
4	220 VAC (50/60 Hz)
5	24 VDC
6	12 VDC

Manual override Note)

Nil	Non-locking push type
B	Latching type: Push-locking type
	Locking type

Note) Latching type: Available in "Nil" only

Electrical entry Note)

L	L-type plug connector, with 0.3 m lead wire	
LO	L-type plug connector, without connector	
G	Grommet, with 0.3 m lead wire (Latching/AC type: Not applicable)	

Note) Mounting screws are attached.

Vacuum pressure switch

25A-ZQ1-ZS     **-**  **-A**

Vacuum pressure switch specifications

EA	0 to -101 kPa/NPN open collector 2 outputs, with suction filter
EB	0 to -101 kPa/PNP open collector 2 outputs, with suction filter
EC	0 to -101 kPa/NPN open collector 1 output + analog voltage, with suction filter
EE	0 to -101 kPa/PNP open collector 1 output + analog voltage, with suction filter
FA	100 to -100 kPa/NPN open collector 2 outputs, with suction filter
FB	100 to -100 kPa/PNP open collector 2 outputs, with suction filter
FC	100 to -100 kPa/NPN open collector 1 output + analog voltage, with suction filter
FE	100 to -100 kPa/PNP open collector 1 output + analog voltage, with suction filter

Vacuum pressure switch unit specifications

Nil	With unit switching function Note 1)
M	Fixed SI unit Note 2)
P	With unit switching function Note 1) (Initial value psi)

Note 1) Under the New Measurement Law, sales of switches with the unit switching function are not allowed for use in Japan.

Note 2) Fixed unit: kPa

Vacuum pressure switch lead wire specifications

Nil	Without connector
G	Lead wire with connector (Lead wire length 2 m) With connector cover

Fitting (V port)

Symbol	Applicable tubing O.D.
0	Without fitting (M5 x 0.8)

Check valve Note 3)

Nil	None
K	With check valve

Note 3) The check valve has a function to prevent the exhaust air from the silencer overflowing to the vacuum port side when a manifold is used, but it is incapable of completely preventing overflow. During usage, please inspect thoroughly with actual machine. Also, in order to completely prevent the overflow of exhaust air, leave plenty of space between the check valve unit and adjacent ejector to avoid interference from the ejector's exhaust unit.

Warning

- Cannot be used for vacuum retention.
- Use a vacuum release valve. (Without a vacuum release valve, the workpiece may not be released.)

Lead wire with connector part no.	Note
ZS-39-5G	Lead wire length 2 m (With connector cover)

* Specifications and dimensions for the 25A-series are the same as standard products.

Membrane Air Dryer

Series 25A-IDG

Single Unit/Standard Dew Point -40°C Specifications



How to Order

25A - IDG 50 L A - 03 - P

Series compatible
with secondary
batteries

Flow rate by size

Size	Outlet air flow rate L/min (ANR)
50	110
75	240
100	300

Standard dew point temperature

Symbol	Standard dew point (°C)
L	-40

Symbol

Symbol	Size		
	50	75	100
Nil	—	●	●
A	●	—	—

Note) Symbol A is added to size 50.

Option

Symbol	Contents
Nil	—
R	Flow direction (Right → Left)

Fitting for purge air discharge

Symbol	Contents
P	With fitting for purge air discharge

Accessory

Symbol	Description
Nil	None
B	With bracket

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

Port size

Symbol	Bore	Size		
		50	75	100
02	Rc1/4	●	—	—
03	Rc3/8	●	●	●
04	Rc1/2	—	●	●

Bracket Assembly Part No.

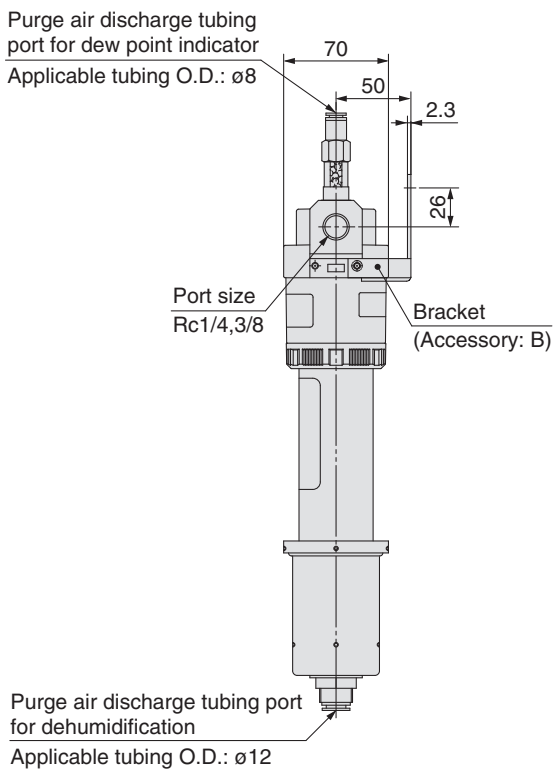
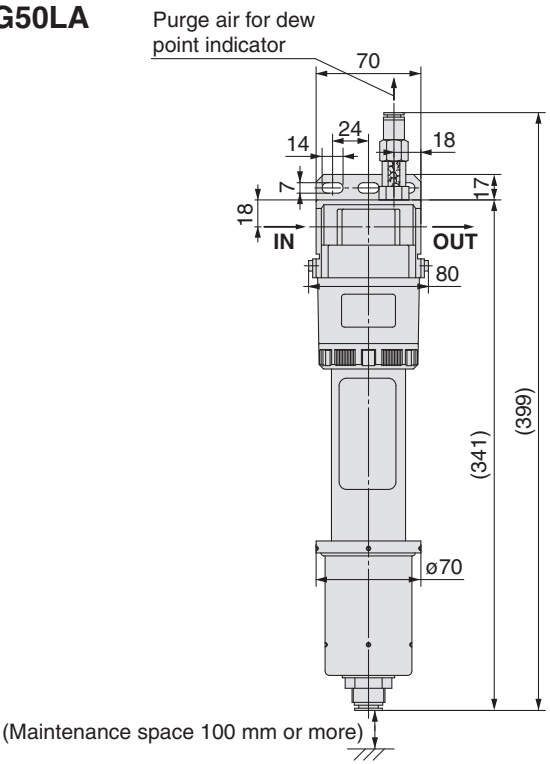
Applicable model	Part no.
25A-IDG50LA	25A-BM64
25A-IDG75L, 100L	25A-BM65

* With hexagon socket head bolts (2 pcs.) and spring washers (2 pcs.).

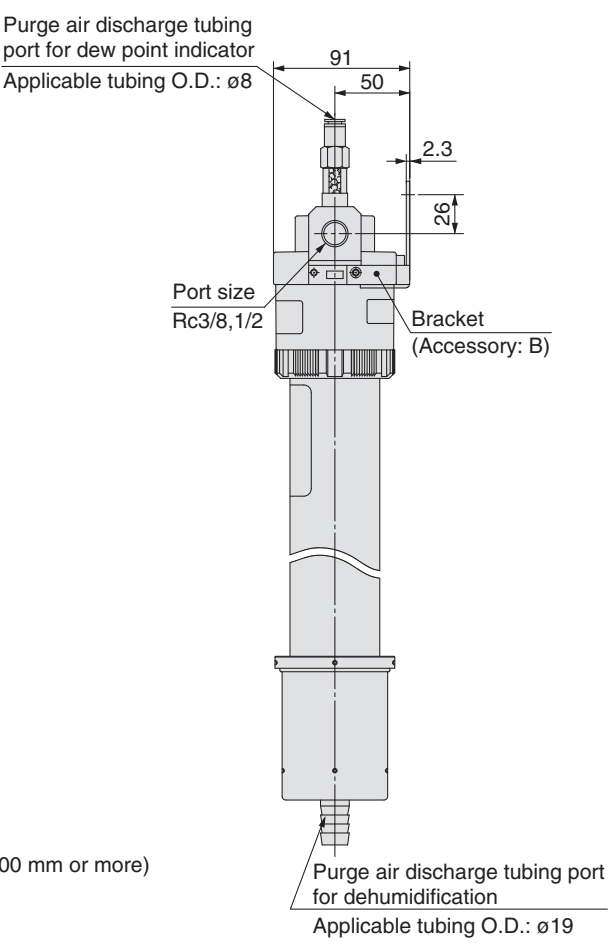
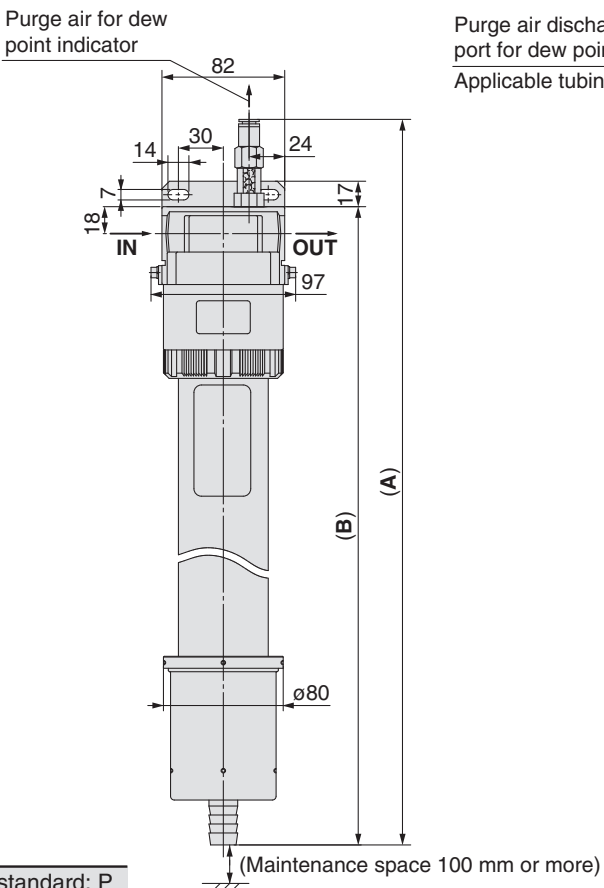
* Specifications for the 25A-series are the same as standard products.

Dimensions

25A-IDG50LA



25A-IDG75L
25A-IDG100L



Model	Semi-standard: P	
	A	B
25A-IDG75L	548	489
25A-IDG100L	618	559

Directional Control Valves
Actuators
Related Products
Rotary Actuators
Air Grippers
Vacuum Equipment
Air Preparation Equipment
Clean Air Filters
Air Filters/Pressure Control Equipment
Fittings/Flow Control Equipment
Detection Switches
Fluid Control Equipment
Auto Switches

Main Line Filter

Series 25A-AFF



How to Order

25A-AFF2C to 25A-AFF22C

25A - AFF 22C - [] 10 [] [] - []

Series compatible
with secondary batteries

Body size

Symbol	Applicable compressor output (guide)
2C	2.2 kW
4C	3.7 kW
8C	7.5 kW
11C	11 kW
22C	22 kW

Thread type

Symbol	Type
Nil	Rc
F	G *1
N	NPT

*1 Conforms to ISO1179-1.

Bracket Assembly Part No.*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 With hexagon socket head bolts (2 pcs.) and spring washers (2 pcs.).

Option

Symbol	Description
Nil	—
R	IN-OUT reversal direction
T	With element service indicator

Auto drain

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

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				
		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

25A - AFF 37B - [] 10 [] [] - []

Series compatible
with secondary batteries

Body size

Symbol	Applicable compressor output (guide)
37B	37 kW
75B	75 kW

Thread type

Symbol	Type
Nil	Rc
F	G
N	NPT

Bracket Assembly Part No.*3

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

*3 With hexagon socket head bolts (2 pcs.) and spring washers (2 pcs.).

Option

Symbol	Description
Nil	—
R	IN-OUT reversal direction
T	With element service indicator

Auto drain

Symbol	Description
Nil	Drain cock (Without auto drain) *2
D	N.O. auto drain (37B Only)

*2 Body size 75B is equipped with a ball valve (Rc 3/8 female threaded).

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	
		37B	75B
10	1	●	—
14	1 1/2	●	●
20	2	—	●

* Specifications and dimensions for the 25A-series are the same as standard products.

Mist Separator

Series 25A-AM



How to Order

25A-AM150C to 25A-AM550C

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

Series compatible
with secondary batteries

Body size

Symbol	Applicable compressor output (guide)
150C	2.2 kW
250C	3.7 kW
350C	7.5 kW
450C	11 kW
550C	22 kW

Thread type

Symbol	Type
Nil	Rc
F	G *1
N	NPT

*1 Conforms to ISO1179-1.

Bracket Assembly Part No.*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 With hexagon socket head bolts (2 pcs.) and spring washers (2 pcs.).

Option

Symbol	Description
Nil	—
R	IN-OUT reversal direction
T	Element service indicator

Auto drain

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

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	—	—	—	—	●

25A-AM650/850

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

Series compatible
with secondary batteries

Body size

Symbol	Applicable compressor output (guide)
650	37 kW
850	75 kW

Thread type

Symbol	Type
Nil	Rc
F	G
N	NPT

Option

Symbol	Description
Nil	—
R	IN-OUT reversal direction
T	Element service indicator

Auto drain

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).

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 No.*3

Applicable model	Part no.
25A-AM37B	25A-BM56
25A-AM75B	25A-BM57

*3 With hexagon socket head bolts (2 pcs.) and spring washers (2 pcs.).

* Specifications and dimensions for the 25A-series are the same as standard products.

Micro Mist Separator

Series 25A-AMD



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 *1
N	NPT

*1 Conforms to ISO1179-1.

Option

Symbol	Description
Nil	—
R	IN-OUT reversal direction
T	With element service indicator

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).

Auto drain

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

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 No.*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 With hexagon socket head bolts (2 pcs.) and spring washers (2 pcs.).

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	—
R	IN-OUT reversal direction
T	With element service indicator

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).

Auto drain

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).

Port size

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

Bracket Assembly Part No.*3

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

*3 With hexagon socket head bolts (2 pcs.) and spring washers (2 pcs.).

* Specifications and dimensions for the 25A-series are the same as standard products.

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



How to Order

25A-AMH150C to 25A-AMH550C

25A - AMH 550C - **10** - **Option**

Series compatible with secondary batteries

Body size

150C
250C
350C
450C
550C

Thread type

Symbol	Type
Nil	Rc
F	G *1
N	NPT

*1 Conforms to ISO1179-1.

Option

Symbol	Description
Nil	—
R	IN-OUT reversal direction
T	With element service indicator

Auto drain

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

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 No.*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 With hexagon socket head bolts (2 pcs.) and spring washers (2 pcs.).

25A-AMH650/850

25A - AMH 650 - **10** - **Option**

Series compatible with secondary batteries

Body size

650
850

Thread type

Symbol	Type
Nil	Rc
F	G
N	NPT

Option

Symbol	Description
Nil	—
R	IN-OUT reversal direction
T	With element service indicator

Auto drain

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).

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 No.*3

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

*3 With hexagon socket head bolts (2 pcs.) and spring washers (2 pcs.).

* Specifications and dimensions for the 25A-series are the same as standard products.

Exhaust Cleaner for Clean Room

Series 25A-AMP



How to Order

25A - AMP **2** **20** - **03** **□** - **□** **T**

Series compatible with secondary batteries

Body size

Symbol	Size
2	1/4 standard
3	3/8 standard
4	1/2 standard

Element construction

Symbol	Stage
2	2 stage

Port size

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

With element service indicator

Semi-standard specifications

Symbol	Description
Nil	None
R	Flow direction Right→Down *

* Flow direction when the nameplate is viewed from the front.

Accessories (Optional)

Symbol	Name
Nil	None
B	With bracket

* 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 No.*

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

* With hexagon socket head bolts (2 pcs.) and spring washers (2 pcs.).

* Specifications and dimensions for the 25A-series are the same as standard products.