

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.

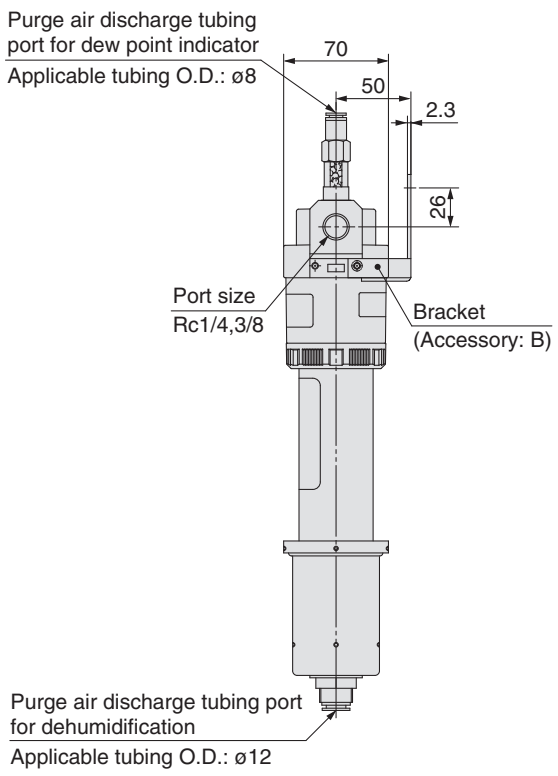
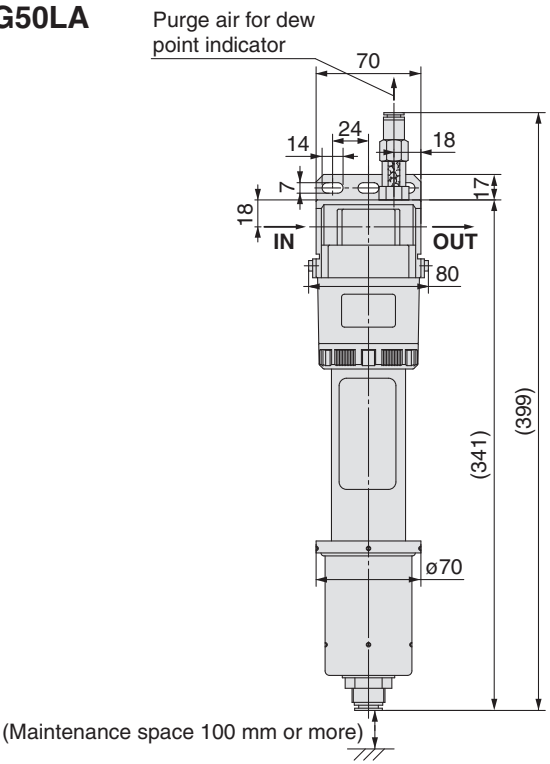
Applicable model	Part no.
25A-IDG50LA	25A-BM64
25A-IDG75L, 100L	25A-BM65

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

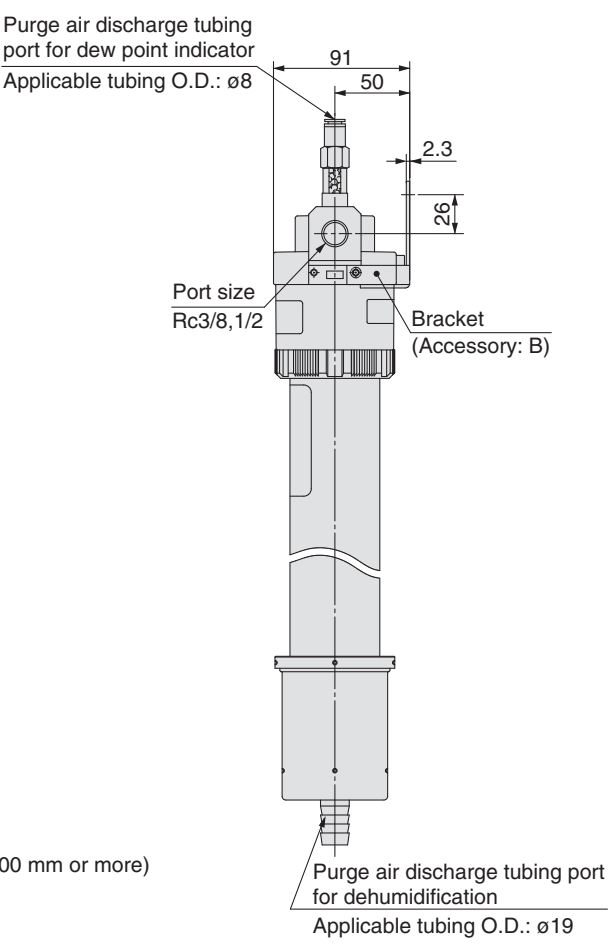
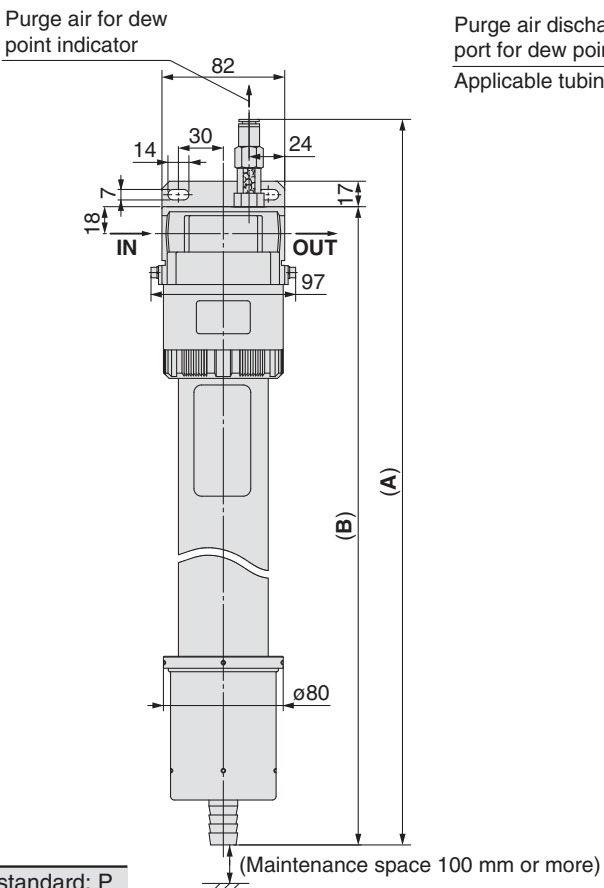
* Specifications for the 25A-series are the same as standard products.

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

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.).

*1 Conforms to ISO1179-1.

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

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.).

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	—	●

* 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 [] [] - []

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 [] [] - []

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.