

Discontinue

1144/1137/1138/A1338/1126/1326 Series

Submicron air filter (tar removal)

Removing solid substance such as tar and carbon, etc. 99% up to 0.3 micron.

● Port size: Rc1/4 to Rc 2

JIS symbol

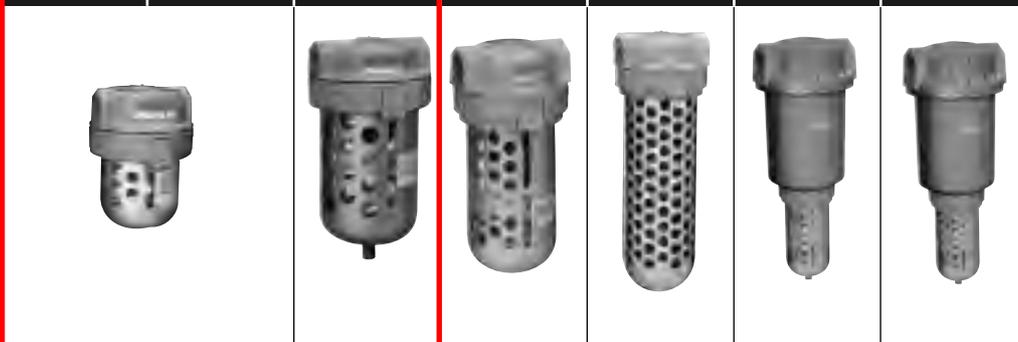


Specifications

Discontinued

Descriptions	1144-2C/3C-EY	1144-2C/3C-EJY	1137-2C/3C/4C/6C-EY	1138-6C/8C-EY	A1338-6C/8C-Y	1126-10C/12C/16C-EY	1326-10C/12C/16C-Y
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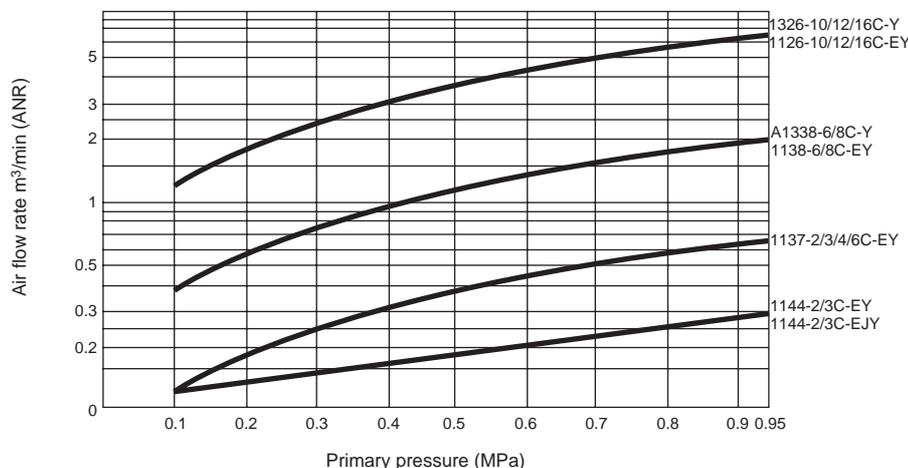
Appearance



Max. working pressure	MPa				1.0			
Withstanding pressure	MPa				1.5			
Fluid temperature (ambient temperature)	°C				5 to 65			
Filtration rating	μm				0.3			
Solid removal ratio	%				99			
Maximum flow rate	m ³ /min. (ANR)	0.22	0.22	0.5	1.55	1.55	4.9	4.9
Port size	Rc	1/4, 3/8	1/4, 3/8	1/4, 3/8, 1/2, 3/4	3/4, 1	3/4, 1	1 1/4, 1 1/2, 1/2	1 1/4, 1 1/2, 2
Product weight	kg	0.5	0.5	1.4	2.2	2.6	7.4	7.5

Note: Recommended maximum flow rate is the atmospheric conversion value where inlet air pressure is 0.7MPa and inlet pressure drop is 0.01MPa.

Flow characteristic (max. flow rate)



How to order



A Model no.

B Port size
Note 1

C Option
Note 2
Note 3
Note 4
Note 5

⚠ Note on model no. selection

Note 1: If NPT thread is required, do not indicate nominal size C. (E.g.) 1137-2

Note 2: Drainage "E" and bowl material "M" or "MG" can not be combined. However, these options can be combined for 1138 and 1126.

Note 3: Automatic drain exhausts its drain automatically in no pressurized state during night time, etc. NO automatic drain "F" is recommended for manual cock, however, if the flow rate is small in the circuit, NC automatic drain with manual cock "F1" can be selected.

Note 4: Refer to pages 608 and 609 for attachment "B" bracket.

Note 5: Refer to page 603 for the specifications of automatic drain.

<Example of model number>

1137-2C-EZJYB

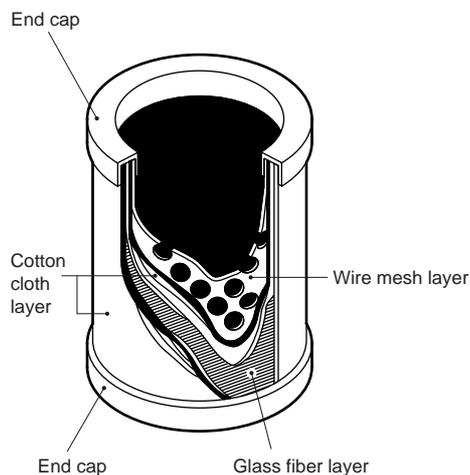
Model: Submicron air filter

A Model: Standard type

B Port size: Rc 1/4

C Option: Flexible drain, nylon bowl, element $3\mu\text{m}$, bracket attached

Y element internal structure

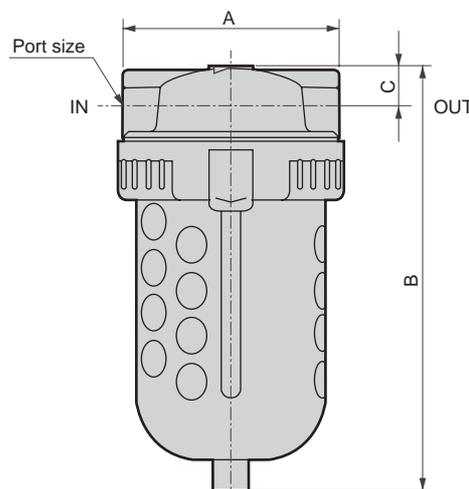


A Model no.						
Compact	Compact	Standard	Large	Heavy duty	Large bore size	Heavy duty
1144 Y	1144 JY	1137 Y	1138 Y	A1338-Y	1126 Y	1326 Y

Symbol	Descriptions							
B Port size								
2C	Rc1/4	●	●	●				
3C	Rc3/8	●	●	●				
4C	Rc1/2			●				
6C	Rc3/4			●	●	●		
8C	Rc1				●	●		
10C	Rc1 1/4						●	●
12C	Rc1 1/2						●	●
16C	Rc2						●	●

C Option								
Drainage	Blank	Manual cock	●	●	●	●	●	●
	E	Flexible drain	●	●	●	●	●	●
	F	NO auto. drain w/ manual cock (exhaust w/o pressurized)		●	●	●		●
	D	Piston drain						
Bowl	J	Jumbo bowl		Provided				
Bowl material	Blank	Polycarbonate bowl	●	●	●	●	●	●
	Z	Nylon bowl	●	●	●	●	●	●
	M	Metal bowl	●	●	●	●	●	●
	MG	Metal bowl with gauge	●	●	●	●	●	●
Element	Y	0.3 μm	Provided as standard					
Attachment	Blank	Not attached	●	●	●	●	●	●
	B	Bracket	●	●	●			

Dimensions



Model no.	Port size	A	B	C
1144-2/3C-EY	Rc1/4, 3/8	68	114	13
1144-2/3C-EJY	Rc1/4, 3/8	68	165	13
1137-2/3/4/6C-EY	Rc1/4, 3/8, 1/2, 3/4	92	175	17
1138-6/8C-EY	Rc3/4, 1	118	253.5	25.5
A1338-6/8C-Y	Rc3/4, 1	118	341.5	25.5
1126-10/12/16C-EY	Rc1 1/4/1 1/2-2	203	518	48
1326-10/12/16C-Y	Rc1 1/4/1 1/2-2	203	504	48

Note 1: Nylon tube with ϕ 5.7 to 6.0 can be directly connected to the drain port of manual cock type.

Note 2: For metal bowl with automatic drain, drain port size is Rc1/4.

Note 3: Refer to pages 608 to 609 for dimensions of bracket.

Refrigerating type dryer
Desiccant type dryer
High polymer membrane dryer
Air filter
Auto. drain / others
F.R.L. (Module unit)
F.R.L. (Separate)
Compact F.R.
Precise regulator
F.R.L. (Related products)
Clean F.R.
Electro pneumatic regulator
Air booster
Speed control valve
Silencer
Check valve / others
Joint / tube
Vacuum filter
Vacuum regulator
Suction plate
Magnetic spring buffer
Mechanical pressure SW
Electronic pressure SW
Contact / close contact cont. SW
Air sensor
Pressure SW for coolant
Small flow sensor
Small flow controller
Flow sensor for air
Flow sensor for water
Total air system
Total air system (Gamma)

Submicron air filter
F.R.L. unit