



Pneumatic, Vacuum and Auxiliary Components
Catalog No. CB-024SA

Drain separator

FX-W-FP1 Series

Lightweight compact drain separator

Compatible compressor 0.75 kW to 37 kW

● Port size: Rc1/4 to Rc1

JISCode



Specifications

Item	FX1004	FX1011	FX1037
Working fluid	Compressed air		
Working pressure MPa	0.1 to 1.0 *3		
Proof pressure MPa	1.5		
Ambient/fluid temperatures °C	5 to 60		
Water separation efficiency %	99 *2		
Max. processing flow rate *1 L/min (ANR)	550	1800	6100
Port size Rc, NPT, G	1/4, 3/8	1/4, 3/8, 1/2	3/4, 1
Weight kg	0.3	0.5	1.2

*1: At inlet pressure 0.7 MPa.

*2: Water separation efficiency during max. processing flow rate. (Evaporated water droplets (water vapor) cannot be separated)

*3: In the case of "F1" with auto-drain, the min. working pressure of auto-drain is 0.15MPa.

Option weight

* Add to the weight of the standard accessories.

Unit:kg

Code	Drain discharge		Bowl material		Pipe adaptor set						Bracket
	F	F1	M	M1	A8W	A10W	A15W	A20W	A25W	A32W	BW
FX1004	0.02	0.02	0.1	0.1	0.16	0.16	0.16				0.17
FX1011	0.02	0.02	0.1	0.1	0.16	0.16	0.16	0.16			0.21
FX1037	0.02	0.02	0.1	0.1				0.53	0.53	0.53	0.36

How to order

FX1004 - **8** - **W** - **F** - **FP1** - **BW**

A Model No.

B Port size

C Port thread

D Option

E Attachment

A Model No.

FX1004
FX1011
FX1037

Code		Description		F	F	F
B Port size						
8	1/4					
10	3/8					
15	1/2					
20	3/4					
25	1					
C Port thread						
Blank	Rc thread					
N	NPT thread					
G	G thread					
D Option						
		*1, *2				
Drain discharge	Blank	With manual drain cock (1/8 internal thread only for the metal bowl)				
	C	With manual cock (can only be selected for the metal bowl)				
	F	Auto-drain with manual override (NO: Exhaust when not pressurized)				
	F1	Auto-drain with manual override (NC: No exhaust when not pressurized)				
Bowl material	Blank	Polycarbonate bowl				
	Z	Nylon bowl				
	M	Metal bowl				
	M1	Metal bowl with manual drain cock				
Flow Direction	Blank	Standard flow (left → right)				
	X1	Reverse flow (right → left)				
E Other attachments						
		*3, *4				
Blank	Not included					
A8*W	1/4 pipe adaptor set					
A10*W	3/8 pipe adaptor set					
A15*W	1/2 pipe adaptor set					
A20*W	3/4 pipe adaptor set					
A25*W	1 pipe adaptor set					
A32*W	1 1/4 pipe adaptor set					
BW	C-bracket					
* Adaptor thread						
Blank	Rc thread					
N	NPT thread					
G	G thread					

⚠ Precautions for model No. selection

*1: Select options for the drainage, bowl material, and flow direction items. When selecting options for several items, list options in order from the top. For port thread types "N" and "G", the combination of "Blank" for drain discharge and "M" for bowl material cannot be selected.

*2: For the auto-drain usage conditions, refer to (Pneumatic, Vacuum and Auxiliary components (CB-024SA)).

*3: The pipe adaptor set and C type bracket cannot be used together.

*4: The joiner set is attached with the pipe adapter set.

For dimensions, refer to the FX Series in "Pneumatic, Vacuum and Auxiliary Components (CB-024SA)".