



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

Drain separator FX Series

# FX Series

With no need for element, 99% water separation efficiency is achieved

JIS symbol



## Overview

The cyclone effect causes water droplets in the compressed air to strike the inner wall of the bowl; this gathers and enlarges them, removing 99% or more of the moisture. Ideal for easy drainage from air piping.

## Features

- Lightweight compact drain separator
- Water separation efficiency 99%
- Compatible compressor 0.75kW to 37kW
- Modular connection of FX1004 and FX1011 to F.R.L. 3000 and 4000 Series and FX1037 to 6000 and 8000 Series is possible.

## Specifications

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

### Compatibility table by variation

	FX1004	FX1011	FX1037
Port size	Rc1/4, 3/8	Rc1/4, 3/8, 1/2	Rc3/4, 1
P4	●	●	●
P40	▲	▲	▲

●: Applicable models   ○: Semi-applicable models   ▲: Contact CKD for details.  
 □: Not applicable

\*1: Auto-drain is not available.  
 \*2: Metal bowl is not available.

### How to order



Ⓐ Model No.

Ⓑ Port size

Ⓒ Option

Ⓓ Attachment

		Ⓐ Model No.		
		FX1004	FX1011	FX1037
Ⓑ Port size				
<b>8</b>	Rc1/4	●	●	●
<b>10</b>	Rc3/8	●	●	●
<b>15</b>	Rc1/2		●	
<b>20</b>	Rc3/4			●
<b>25</b>	Rc1			●
Ⓒ Option *1				
Drain discharge	<b>Blank</b> Manual drain cock	●	●	●
Bowl material	<b>Blank</b> Polycarbonate bowl	●	●	●
	<b>Z</b> Nylon bowl	●	●	●
Flow direction	<b>Blank</b> Standard flow (left → right)	●	●	●
	<b>X1</b> Reverse flow (right → left)	●	●	●
Ⓓ Other attachments *2, *3				
	<b>Blank</b> Not included	●	●	●
	<b>A8*W</b> 1/4 pipe adaptor set	●	●	●
	<b>A10*W</b> 3/8 pipe adaptor set	●	●	●
	<b>A15*W</b> 1/2 pipe adaptor set	●	●	●
	<b>A20*W</b> 3/4 pipe adaptor set		●	●
	<b>A25*W</b> 1 pipe adaptor set			●
	<b>A32*W</b> 1 1/4 pipe adaptor set			●
	<b>BW</b> C-bracket	●	●	●

### ⚠ Precautions for model No. selection

- \*1: Select options for the bowl material and flow direction items. When selecting options for several items, list options in order from the top.
- \*2: The pipe adaptor set and C-bracket cannot be used together.
- \*3: The joiner set is included with the pipe adapter set.

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