

Drain separator Outdoor series

FXW-W Series

Lightweight compact drain separator Compatible compressor 0.75kW to 37kW

● Port size: 1/4 to 1

JIS symbol



Specifications

Item	FXW1004	FXW1011	FXW1037
Working fluid	Compressed air		
Working pressure MPa	0.1 to 1.0 *3		
Proof pressure MPa	1.5		
Fluid temperature °C	-20 to 60 (no freezing)		
Ambient temperature °C	-20 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
Product weight kg	0.4	0.6	1.3

*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 "F" with auto-drain, the min. working pressure of auto-drain is 0.1MPa. Air is purged with initial drain until pressure reaches 0.1 MPa.

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

*5: When "F""F1" with auto-drain is selected, be careful of freezing the drain.

Option weight

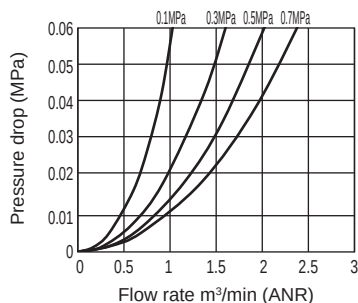
* Add to the weight of the standard accessories.

Unit:kg

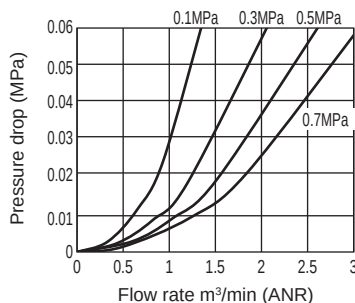
Code	Drain discharge			Attachment
	C	F	F1	BW
FXW1004	0	0.02	0.02	0.17
FXW1011	0	0.02	0.02	0.21
FXW1037	0	0.02	0.02	0.36

Flow characteristics

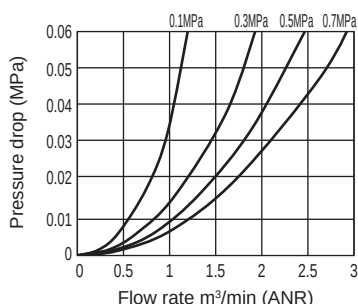
● FXW1004-8-W



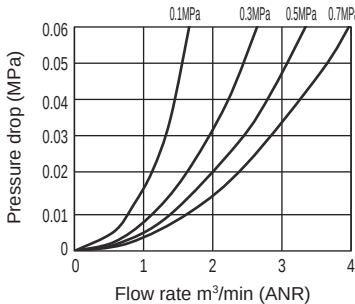
● FXW1004-10-W



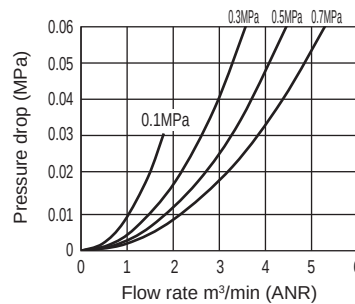
● FXW1011-8-W



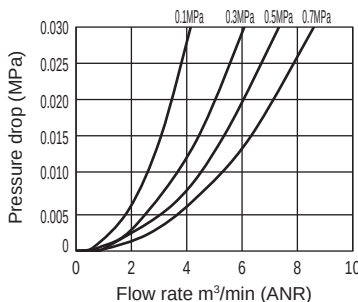
● FXW1011-10-W



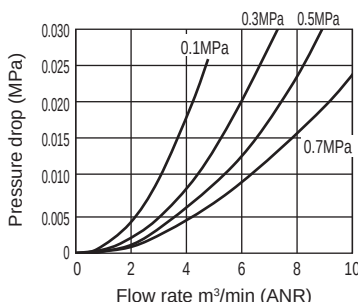
● FXW1011-15-W



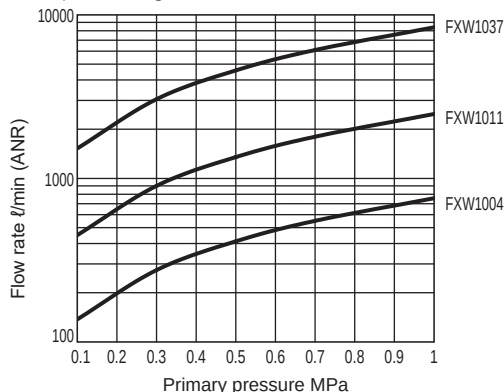
● FXW1037-20-W



● FXW1037-25-W



Max. processing flow rate



How to order

FXW1011 - 10 - W - F -

A Model No.

B Port size

C Port thread

D Option

E Attachment

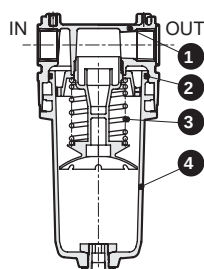
Code		Description		
B Port size				
8	1/4		●	●
10	3/8		●	●
15	1/2			●
20	3/4			●
25	1			●
C Port thread		*1, *3		
Blank	Rc thread (pressure unit: MPa temperature unit indicated: °C)	●	●	●
N	NPT thread (pressure unit: psi temperature unit indicated: °F)	●	●	●
G	G thread (pressure unit: bar temperature display unit: °C)	●	●	●
D Option		*4		
Drain discharge *5	Blank	Drain outlet Rc1/8	*2	●
	C	With manual cock		●
	F	Auto-drain with manual override (NO: Exhaust when not pressurized)		●
guarantee period	F1	Auto-drain with manual override (NC: No exhaust w/o pressurization)		●
	Blank	1 year after delivery		●
	G	3 years after delivery (with inspection certificate, inspection guidelines, traceability system diagram) *6, *7		●
Flow Direction	Blank	Standard flow (left → right)		●
	X1	Reverse flow (right → left)		●
E Attachment				
Blank	Not included		●	●
BW	C-bracket		●	●

⚠ Precautions for model No. selection

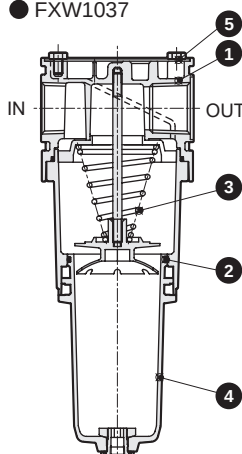
- *1: G and NPT threads are available for IN, OUT and drain outlet of auto-drain.
- *2: When the optional drain discharge is "blank", "N" or "G" piping thread cannot be selected.
- *3: In compliance with the Measurement Act, the psi display cannot be used in Japan.
- *4: Select options for the drainage, warranty period and flow direction items. When selecting options for several items, list options in order from the top.
- *5: Refer to "Pneumatic, Vacuum, and Auxiliary components (Catalog No.CB-024SA)" for the auto-drain use conditions.
- *6: The warranty period of option G is guaranteed for a period of three years from the date of delivery or for a period of one year from the start of use, whichever comes first.
- *7: For option G, the specifications and drawings must be exchanged. Refer to page 98 for details.

Internal structure diagram and parts list

● FXW1004, FXW1011



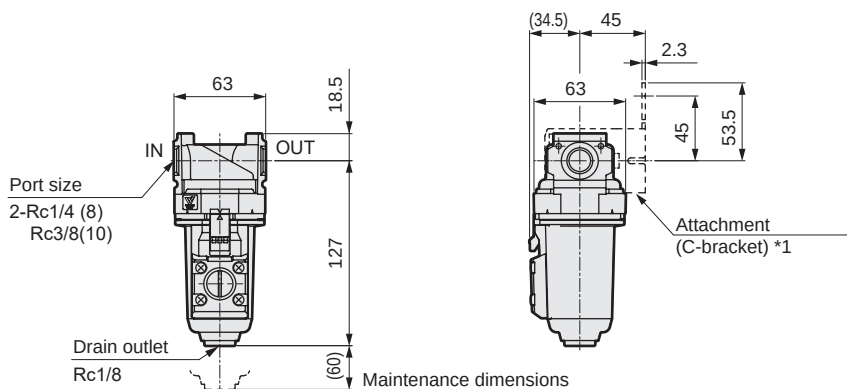
● FXW1037



No.	Part name	Material
1	Body	Aluminum alloy die-casting
2	O-ring	Special nitrile rubber
3	Spring	Stainless steel
4	Metal bowl assembly	Aluminum alloy die-casting, brass, zinc alloy die-casting, nitrile rubber
5	Plate cover	Aluminum

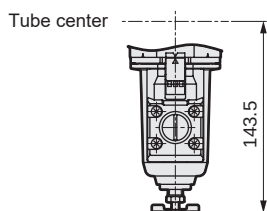
Dimensions

● FXW1004-W

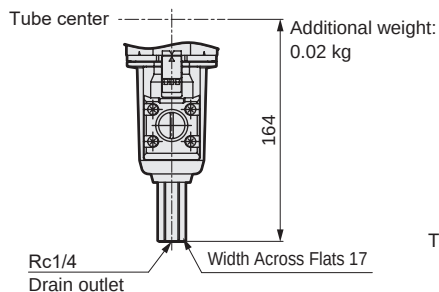


*1: Bracket is optionally included.

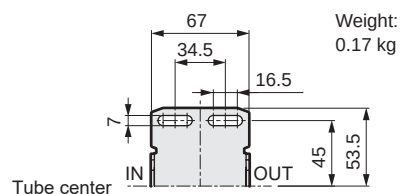
• Optional dimensions Manual drain cock (C)



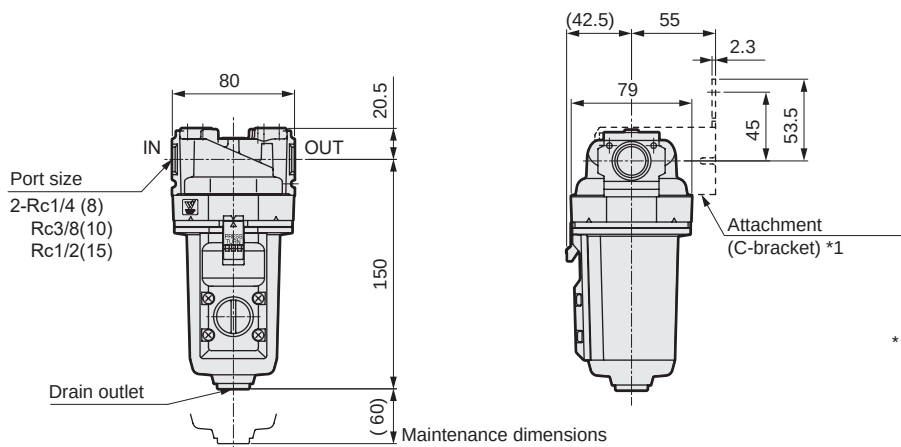
• Optional dimensions With auto-drain (F, F1)



• Attachment C-bracket (-BW) Part model No.: B320

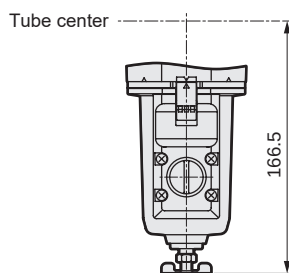


● FXW1011-W

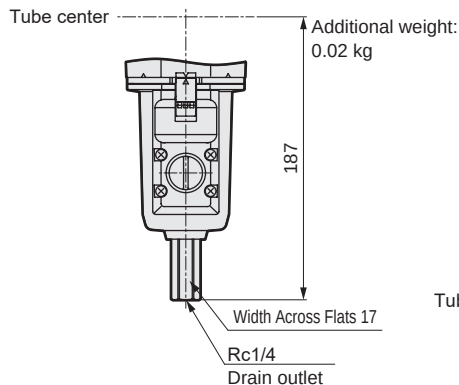


*1: Bracket is optionally included.

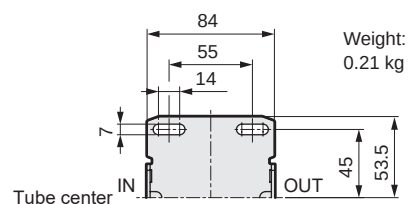
• Optional dimensions Manual drain cock (C)



• Optional dimensions With auto-drain (F, F1)

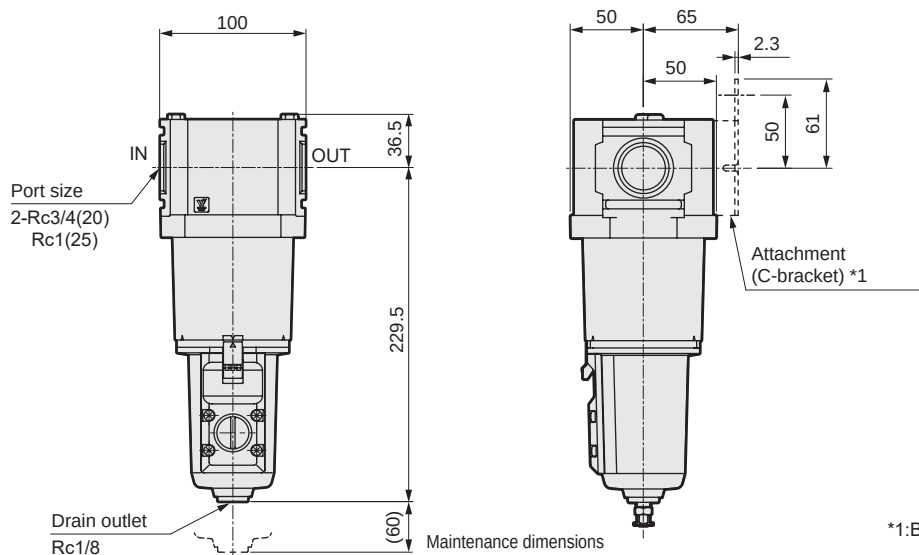


• Attachment C-bracket (-BW) Part model No.: B420



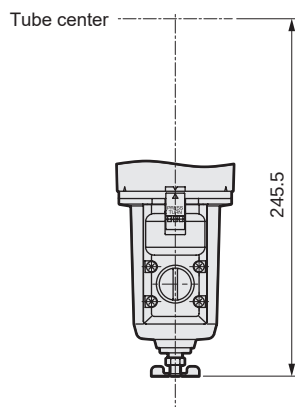
Dimensions

● FXW1037-W

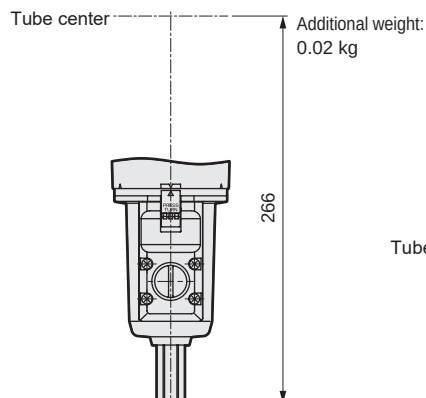


*1: Bracket is optionally included.

· Optional dimensions
Manual drain cock (C)



· Optional dimensions
With auto-drain (F, F1)



· Attachment
C-bracket (-BW)
Part model No.: B820

