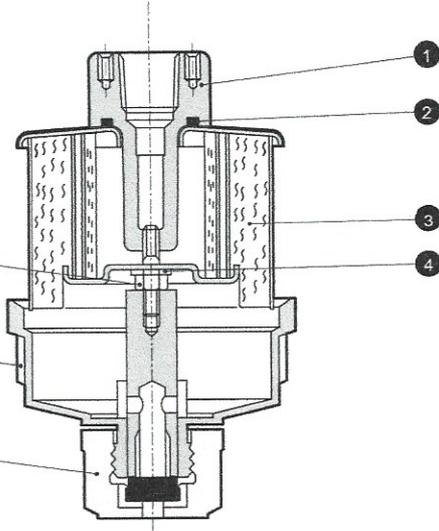


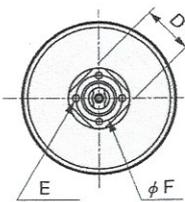
Internal structure and parts list



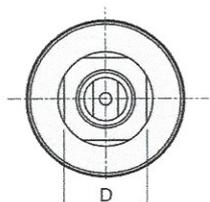
No.	Part name	Material					
		FA331	FA431	FA531	FA631	FA731	FA831
1	Adaptor assembly	Aluminum alloy die-casting, steel		Aluminum alloy casting, steel			
2	O ring	Nitrile rubber					
3	Element assembly	Aluminum alloy, steel, glass fiber					
4	Gasket	Polyacetal resin					
5	Nut	Steel					
6	Case assembly	Polycarbonate resin, aluminum alloy					
7	Drain cock assembly	Nitrile rubber, polyamide resin					

Dimensions

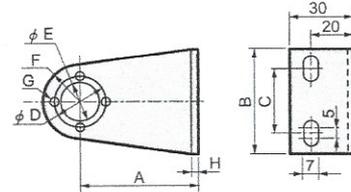
● FA331 to FA631



● FA731 to FA831



● Bracket (option)



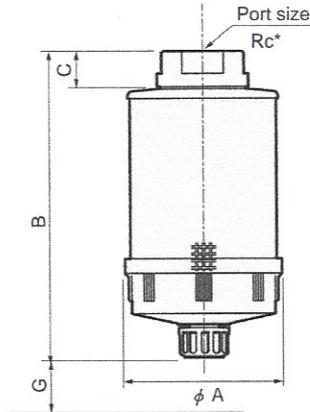
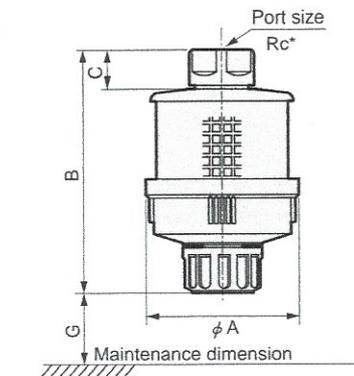
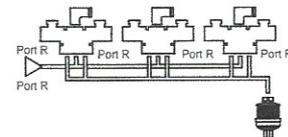
Note) 4 set screws for main body mounting are attached.

Model no.	A	B	C	D	E	F	G	H
B351-10A	55	50	30	24	φ18	R16.5	4-φ3.5	2.3t
B451-15A	60	60	40	32	φ23	R20	4-φ4.5	2.3t
B551-20A	70	70	40	40	φ29	R25.4	4-φ4.5	3.2t
B651-25A	80	70	40	48	φ37	R27.5	4-φ4.5	3.2t

Set piping method

When many valves used in a place, common piping method is recommended.

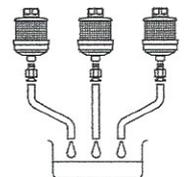
- Easy maintenance control
- Low cost



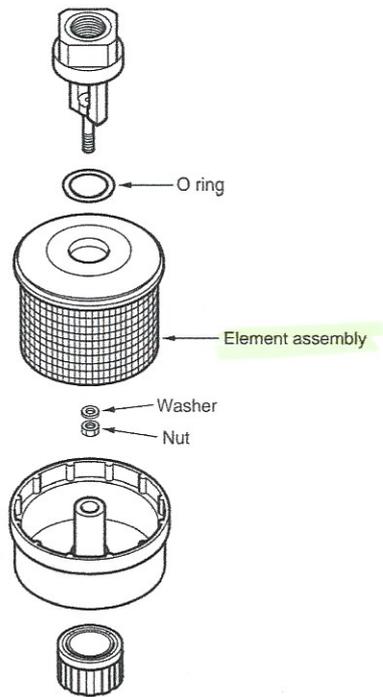
Model no.	FA331	FA431	FA531	FA631	FA731	FA831
A	80	90	100	112	132	150
B	129	147	171	195	259	312
C	20	23	25	28	32	36
D	27	32	41	46	70	80
E	4-M3 (depth 7)	4-M4 (depth 8)	4-M4 (depth 8)	4-M4 (depth 10)	-	-
F	24	32	40	48	-	-
G	80	100	100	100	200	250
Port size	Rc3/8	Rc1/2	Rc3/4	Rc1	Rc1 1/2	Rc2

⚠ Precautions

- Oil remaining in the case must be discharged with opening the drain cock before the oil reaching the element.
- To connect a drain tube to the case, follow the following steps.
 - Remove the drain cock.
 - Screw half unions with R1/8 male screw into the resin tube to connect.
 - When piping, hold the adaptor assembly and screw in so that a load is not applied on the case.
 - If back pressure raises 0.1MPa and over, replace the element assembly.



Exhaust cleaner optional parts drawing



Element kit

(Set of element assembly, O ring, washer, nut)

Model	Element kit model no.
FA331-10A	FA331-ELEMENT
FA431-15A	FA431-ELEMENT
FA531-20A	FA531-ELEMENT
FA631-25A	FA631-ELEMENT
✓ FA731-40A	FA731-ELEMENT
FA831-50A	FA831-ELEMENT

Refrigerant type dye
Desiccant type dryer
High poly membrane dryer
Air filter
Auto. diff. / others
F.R.L. (Module)
F.R.L. (Separate)
Compressor F.R.
Precision regulator
F.R.L. (Relate product)
Clear F.R.
Electro pneumatic regulator
Air boost
Speed control valve
Silencer
Check valve / others
Joint / tube
Vacuum filter
Vacuum regulator
Suction plate
Magnetic spring ball
Mechanical pressure
Electronic pressure
Contact pressure
Air sensor
Pressure for cooler
Small flow sensor
Small flow control
Flow sensor for air
Flow sensor for water
Total system / Total assembly (Gamm)
Endin

Exhaust cleaner
Main line unit