

EAW Series check valve Filter Regulator



EAW1100/EAW2100

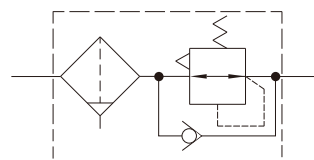


EAW3100



EAW4100

Symbol



Specification

型号Model	EAW1100/EAW2100	EAW3100	EAW4100
最高使用压力/ Operating Pressure MPa	1.0		
允许耐压力 / Max Pressure MPa	1.5		
使用温度 / Operating Temperature	0~60		
过滤精度/ Filtration μm	5 或40/5 or 40		
设定压力范围/ Set Pressure MPa	0.05~0.85		
溢流压力/ Overflow Pressure MPa	设定压力/ Set Pressure +0.05		
废水储存容量 / Waste Bowl Capacity cm^3	12	45	80
接管螺纹 / Port Thread G	1/8、1/4	1/4、3/8、1/2	3/8、1/2 (3/4 配合变径接头使用/ 3/4 For reduced joint)
注意事项/ Caution	注：确认系统内没有承受压力之后，再拆卸杯子、杯子护罩； Note: Assemble and disassemble the Plastic bowl and bowl guard when it is confirmed that there's no load in control system.		
机能说明/ Functional Description	从进口端气压被引入时，单向阀由于进口压力和弹簧压力作用而关闭，作为通常的过滤减压阀工作。当进口端压力被残压排出阀或换向阀排出的同时，单向阀被打开，出口端气体经单向阀到达进口端，由于出口气体部分被排出，压力下降，调压弹簧动作，压下膜片组件，主阀部分被打开，出口端的空气全部排出。（注：出口端压力高于进口端压力0.05MPa以上单向阀才能开启） Was introduced from the inlet pressure, the check valve inlet pressure and spring pressure as the role of closed, as is usually the valve work. When the inlet pressure is residual pressure discharge valve or valve discharge at the same time, one-way valve is opened, the outlet gas imports arrive by the end of a one-way valve, as Part of the export gas is discharged, the pressure drop, pressure regulator spring action, pressing the diaphragm assembly, part of the main valve is opened, all the exhaust air outlet. (Note: The outlet pressure is higher than the inlet pressure of 0.05MPa or more one-way valve to open)		

Product Code System

(a) - (b) - (c) (d) (e) (f)
EAW3100 - 03 - E P1 S B3

安装型式：L型支架
 Mounting Type: L-Bracket
 压力表型式：方形压力表
 Pressure Gauge Type: S square
 过滤精度：5 μm 聚乙烯(PE)
 Filtration: 5 μm (pp)
 排水方式：无压排水
 Drain: Semi-Auto
 接管螺纹：G3/8
 Port Size: G3/8
 型号/Model

Check valve Filter Regulator

(a) 型号 Model	(b) 接管螺纹 Port Thread	最高使用压力 Operating Pressure (MPa)	调压范围 Set Pressure (MPa)	最大流量/ Max Air Flow * M ³ /min(ANR)
EAW1100-01	G1/8	1.0	0.05~0.85	0.8
EAW2100-02	G1/4			1.2
EAW3100-02	G1/4			2.2
EAW3100-03	G3/8			2.5
EAW3100-04	G1/2			3.0
EAW4100-03	G3/8			3.5
EAW4100-04	G1/2			4.5
EAW4100-06	G3/4			5.0

Operating temperature range: 0~60

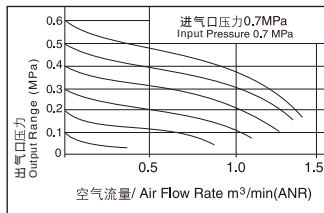
* At 0.7MPa supply pressure, 0.5MPa set pressure, 0.1 Mpa pressure drop

Combination

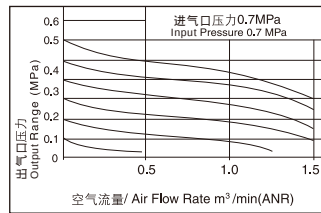
(a) 型号 Model	(b) 接管螺纹 Port Thread		(c) 排水方式 Drain		(d) 过滤精度 Filtration	(e) 压力表型式 Pressure Gauge Type		(f) 安装型式 Mounting Type	
EAW1100	01	G1/8	空白 Blank	手动排水 Manual	P1	5 μ m 聚乙烯 (PE)	空白 Blank	空白 Blank	不带支架 Without Bracket
EAW2100	02	G1/4	E	无压排水 Semi - Auto	P2	5 μ m 烧结铜 (CU)			
EAW3100	02	G1/4	空白 Blank	手动排水 Manual	P3	40 μ m 聚乙烯 (PE)	S	GS-27 方形压力表/Square	C型支架 C-Bracket
	03	G3/8		无压排水 Semi - Auto					
EAW4100	04	G1/2	E	手动排水 Manual	P4	40 μ m 烧结铜 (CU)	R1	GR-40 圆形压力表/Round	L型支架 L-Bracket
	03	G3/8	A	无压排水 Semi - Auto					
	06	G3/4		自动排水 Auto					

Flow Diagrams

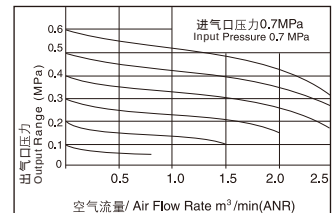
EAW1100-01



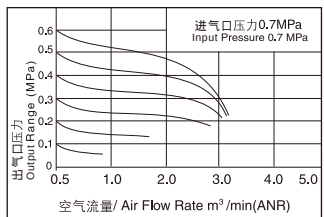
EAW2100-02



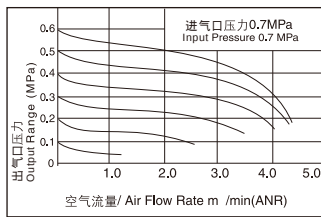
EAW3100-02



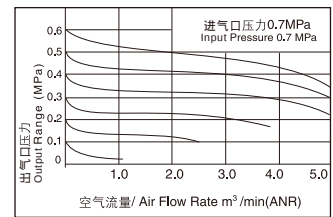
EAW3100-03



EAW4100-03



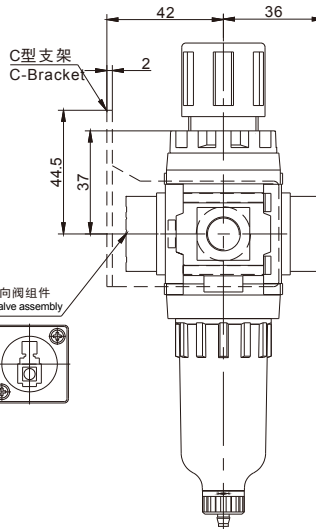
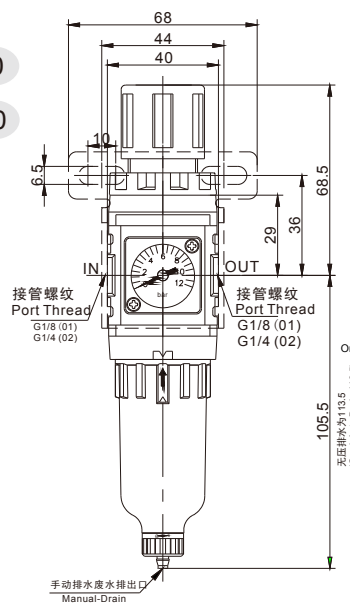
EAW4100-04



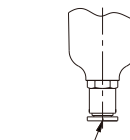
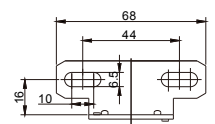
Dimensions

EAW1100

EAW2100

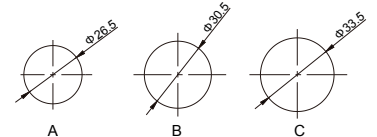


L型支架安装孔
L-Bracket Mounting Hole



无压排水废水出口
Semi-Auto Drain

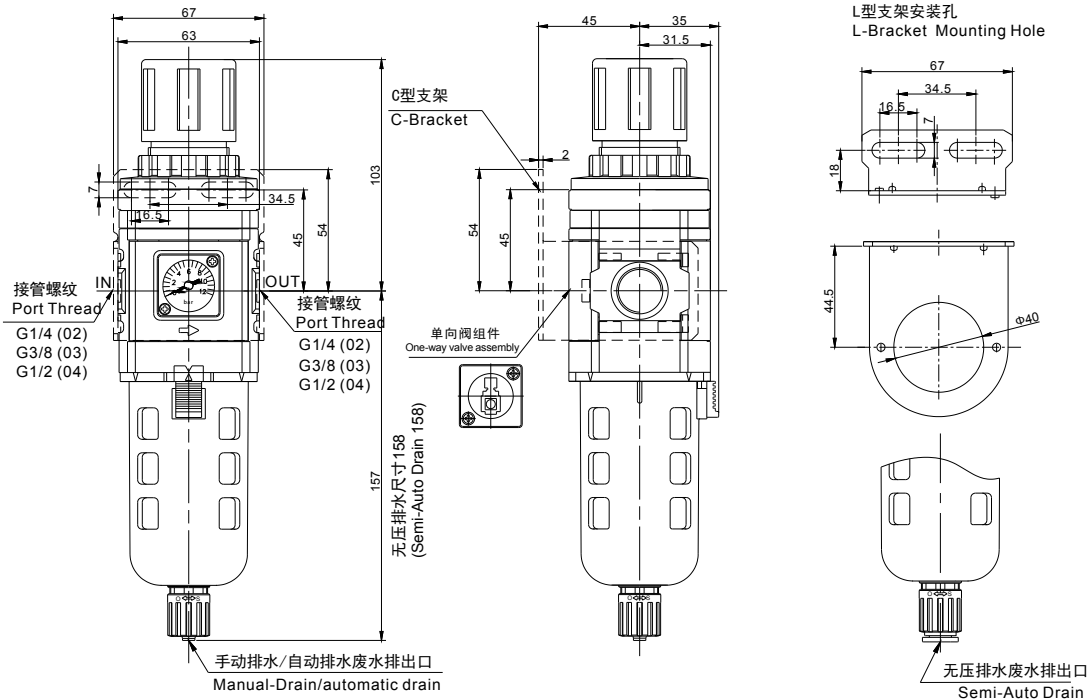
适用于面板安装孔
Kneading board



Note: Manual drain can insert ID $\Phi 4$ PU tube at drain outlet. Semi-Auto drain can insert OD $\Phi 6$ PU tube at drain outlet.

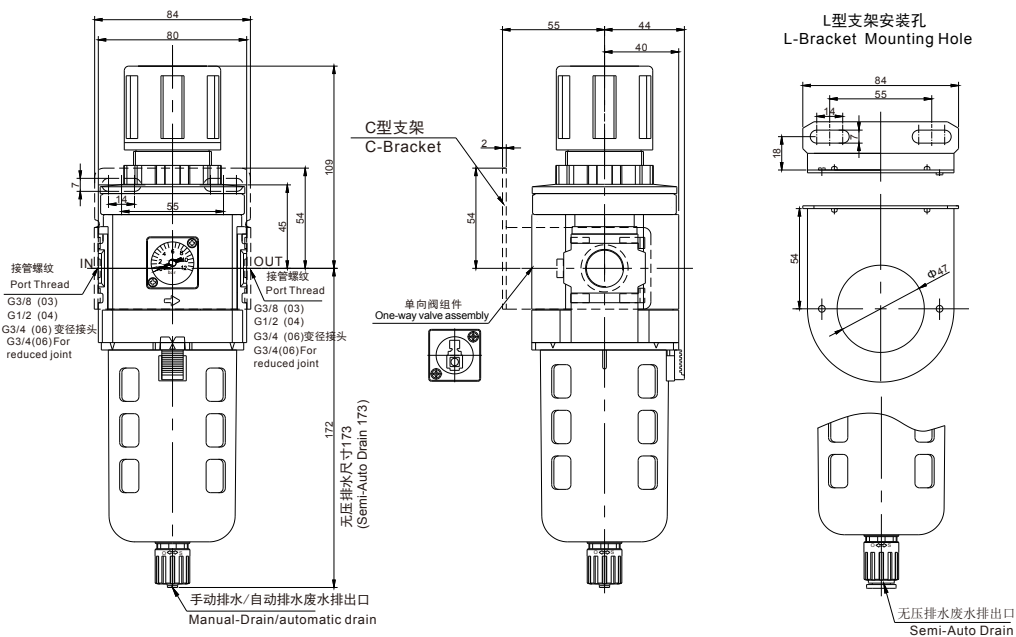
Dimensions

EAW3100



Note: Manual drain or automatic drain can insert ID ϕ 5.5 PU tube at drain outlet. Semi - Auto drain can insert OD ϕ 8 PU tube at drain outlet.

EAW4100



Note: Manual drain or automatic drain can insert ID ϕ 5.5 PU tube at drain outlet. Semi - Auto drain can insert OD ϕ 8 PU tube at drain outlet.