

# EAW Series Air Preparation Unit

## EAW3000 Filter Regulator



### Specifications

Model	EAW3000-02	EAW3000-03	EAW3000-04
Working Medium	Clean Air(after 40 μm filtration)		
Guaranteed Pressure(MPa)	1.5		
Max. Working Pressure(MPa)	1.0		
Pressure Adjustment Range(MPa)	0.15~0.9, Low pressure type 0.15~0.4		
Working Temperature(°C)	-5~60   No freezing )		
Filter Precision	40 μm/5 μm optional		
Recommended Oil	PC(Polycarbonate)		
Water Bowl Capacity(CC)	40		
Weight(g)	490	484	477

### How to Order?

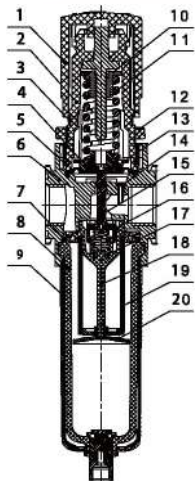
Series No.	Port Size	Drain Type	Type No.	Pressure Gauge	Pressure Gauge Type	Bracket Code	Scale Unit	Filter Precision	Thread Type
EAW3000:EA3000 series Filter regulator	02: 1/4" 3000 03: 3/8" 04: 1/2"	Blank: Manual drain type C: Semi-auto drain D: Auto Drain type	Blank: Standard type L: Low pressure type ①	Blank: With pressure gauge N: No pressure gauge	F: Square pressure gauge Y: Round pressure gauge ②	Blank: With bracket J: No bracket	③	Blank: 40 μm 5M: 5 μm	Blank: G P: PT T: NPT
							Square pressure gauge optional Round pressure gauge optional	1: MPa 2: Bar 3: Psi 4: Mpa/Psi 5: Bar/Psi	

#### Order Example:

EA series FR unit, port size of 1/2", differential pressure drain type, low pressure type, with square pressure gauge, with bracket, Mpa, 5 μm, G thread, the ERP code is: EAW3000-04CLF15M

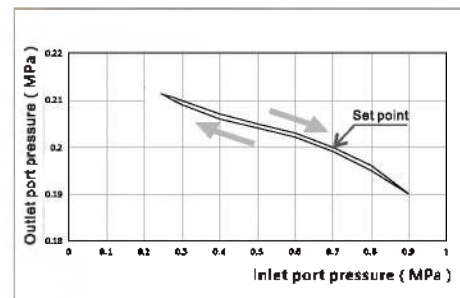
Remark: ① Max pressure adjustable for low pressure type is 0.4Mpa; ② Port of round pressure gauge is M6;  
③ Square pressure gauge is single scale, round pressure gauge is double scale

### Internal Structure



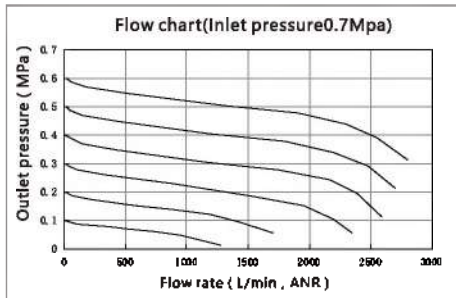
No.	Part Name	Material
1	Pressure regulating handle	PA6 with glass fiber
2	Pressure regulating valve cover	PA6 with glass fiber
3	Marking ring	POM
4	Pressure regulating spring seal	POM
5	Cover plate	ABD
6	Valve body	Aluminum alloy
7	Seal	NBR
8	Water bowl	PC
9	Protection guard	PC+ABS
10	Pressure regulating screw/seal	Free-cutting steel
11	Spring	SWC
12	Octagonal caps	POM with glass fiber/zinc alloy
13	Diaphragm	NBR
14	Interline	POM
15	Valve stem	Brass
16	Valve core	6061+NBR
17	Spring	SUS304
18	Water separator propeller	POM
19	Filter element	PE
20	Water baffle	POM with glass fiber

### Pressure Feature

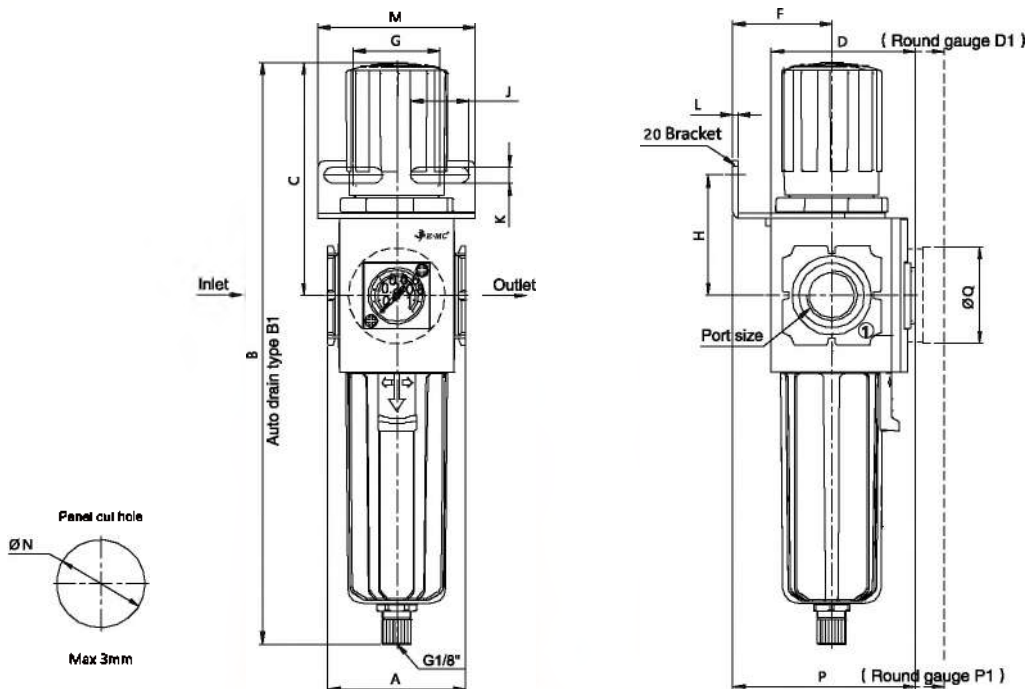


# EAW Series Air Preparation Unit

## Flow Chart



## Main Dimensions



Model	Port Size	A	B	B1	C	D	D1	F	G	H	J	K	L	M	N	P	P1	Q
EAW3000	1/4"-1/2"	57	239.6	236.6	96.6	59.8	71.5	41	36	50	24	6.5	2	65	36.5	75.8	87.5	40