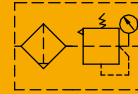


# EAW Series Air Preparation Unit

## EAW2000 EAW3000 EAW4000 Filter Regulator



### Specifications

Model	EAW2000-01	EAW2000-02	EAW3000-02	EAW3000-03	EAW3000-04	EAW4000-03	EAW4000-04	EAW4000-06
Working Medium	Clean Air(after 40 μ m filtration)							
Proof Pressure(MPa)	1.5							
Working Pressure Range(MPa)	0.15~1.0							
Pressure Adjustment Range(MPa)	0.05~0.9, Low pressure type 0.05~0.4							
Working Temperature(°C)	-5~60 ( No freezing )							
Filter Precision	40 μ m/5 μ m optional							
Recommended Oil	Turbine No.1 Oil, ISO VG32							
Container Material	PC(Polycarbonate)							
Water Bowl Capacity(CC)	11		40			75		
Weight(g)	197		477			853		

### How to Order?

Series No.	Port Size	Drain Type	Type No.	Pressure Gauge	Pressure Gauge Type	Bracket Code	Scale Unit	Filter Precision	Thread Type
EAW2000:EA2000 series Filter regulator	Blank: Manual drain type ① C: Semi-anto drain D: Auto Drain type	Blank: With pressure gauge N: No pressure gauge	Blank: Standard type L: Low pressure type ②	F: Square pressure gauge Y: Round pressure gauge ③	Blank: With bracket J: No bracket	④	Blank: 40 μ m 5M: 5 μ m	Blank: G P: PT T: NPT	
EAW3000:EA3000 series Filter regulator									
EAW4000:EA4000 series Filter regulator									
	2000 01: 1/8" 02: 1/4" 02: 1/4" 3000 03: 3/8" 04: 1/2" 03: 3/8" 4000 04: 1/2" 06: 3/4"						Square pressure gauge optional [ 1: MPa 2: Bar 3: Psi Round pressure gauge optional [ 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 μ m, G thread, the ERP code is: EAW3000-04CLF15M

Remark: ① 2000 series is only optional for manual drain type;

② Max pressure adjustable for low pressure type is 0.4Mpa;

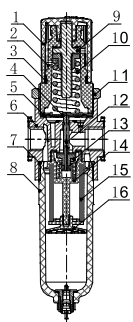
③ Port of round pressure gauge is M6; It is not allowed to distribute pressure gauges to customers;

④ Square pressure gauge is single scale, round pressure gauge is double scale.

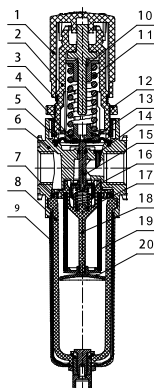
# EAW Series Air Preparation Unit



## Internal Structure



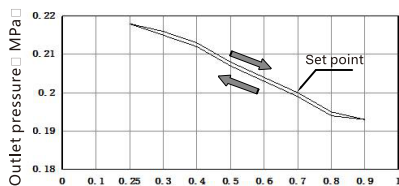
No.	Part Name	Material
1	Pressure regulating handle	Plastics
2	Pressure regulating valve cover	Plastics
3	Marking ring	Plastics
4	Diaphragm	SUS304+NBR
5	Gaskets	6061
6	Valve body	Aluminum alloy
7	Seal	NBR
8	Water bowl	Plastics
9	Protection guard	Plastics
10	Pressure regulating screw/Screw set	Free-cutting steel
11	Spring	SWC
12	Octagonal caps	Aluminum alloy
13	Spring	SUS304
14	Water separator propeller	Plastics
15	Valve core	Plastics
16	Water baffle	Plastics



No.	Part Name	Material
1	Pressure regulating handle	Plastics
2	Pressure regulating valve cover	Plastics
3	Marking ring	Plastics
4	Pressure regulating spring seat	Plastics
5	Cover plate	Plastics
6	Valve body	Aluminum alloy
7	Seal	NBR
8	Water bowl	Plastics
9	Protection guard	Plastics
10	Pressure regulating screw/Screw set	Free-cutting steel
11	Spring	SWC
12	Octagonal caps	POM with glass fiber/Zinc alloy
13	Diaphragm	NBR
14	Interline	Plastics
15	Valve stem	Brass
16	Valve core	G61+NBR
17	Spring	SUS304
18	Water separator propeller	Plastics
19	Filter element	Plastics
20	Water baffle	Plastics

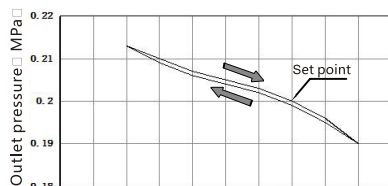
## Pressure Feature

EAW2000



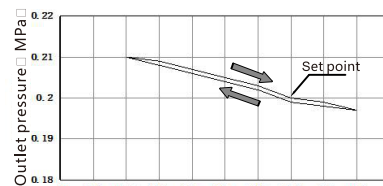
Inlet pressure □ MPa □

EAW3000



Inlet pressure □ MPa □

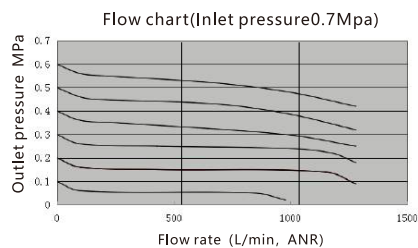
EAW4000



Inlet pressure □ MPa □

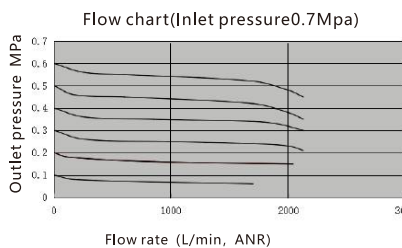
## Flow Chart

EAW2000



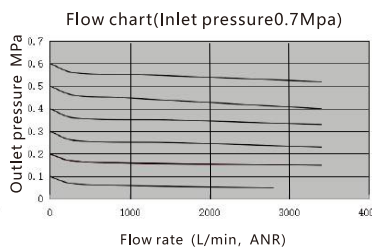
Flow rate (L/min, ANR)

EAW3000



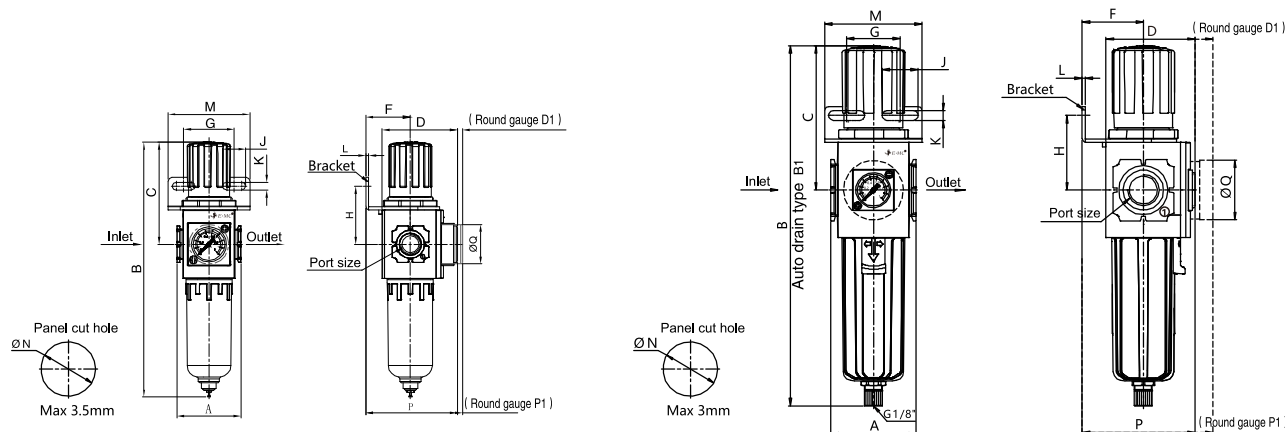
Flow rate (L/min, ANR)

EAW4000



Flow rate (L/min, ANR)

## Main Dimensions



Model	Port Size	A	B	B1	C	D	D1	F	G	H	J	K	L	M	N	P	P1	Q
EAW 2000	1/8", 1/4"	43	171.2	-	68.6	50.6	54	30	34	39	15.5	5.5	2	55	31.5	61.6	65	26.5
EAW 3000	1/4", 3/8", 1/2"	57	239.6	236.6	96.6	61.6	73.3	41	36	50	24	6.5	2	65	36.5	75.8	87.5	40
EAW 4000	3/8", 1/2", 3/4"	80	270.2	264.5	105.4	81.8	93.5	50	38	53	28	8.5	2.5	72	52.5	95	106.7	40