

E Series Air Preparation Unit



How to Order?

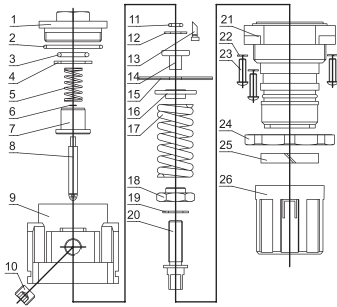
Series No.	Type Code	Body Size	Combination QTY	Port Size	Drain Type	Pressure Gauge Code	Bracket Code	Scale Unit	Filter Precision	Thread Type
E: Round gauge series			10: Two units (Regulator-Lubricator) 00: Others	Blank: Manual drain type C: Semi-auto drain D: Auto Drain type		Blank: With pressure gauge N: No pressure gauge	Blank: With bracket J: No bracket	Blank: 25 μm 5M: 5 μm	Blank: 25 μm 5M: 5 μm	Blank: G P: PT T: NPT
	C: Filter+regulator+ lubricator W: Filter+regulator F: Filter R: Regulator L: Lubricator	10: 1000 body 20: 2000 body 30: 3000 body 40: 4000 body 50: 5000 body	1000 M5: M5 2000 01: 1/8" 02: 1/4" 3000 02: 1/4" 03: 3/8"	4000 03: 3/8" 04: 1/2" 06: 3/4" 5000 06: 3/4" 10: 1"				4: Mpa/Psi(Default) 5: Bar/Psi		

Order Example:

E series regulator, 2000 body size, 1/8 port size, with pressure gauge, with bracket, scale unit is Mpa/Psi, G thread, ERP code is: ER2000-01 4

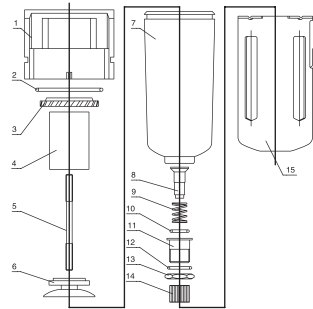
Air Preparation Unit Kits

ER



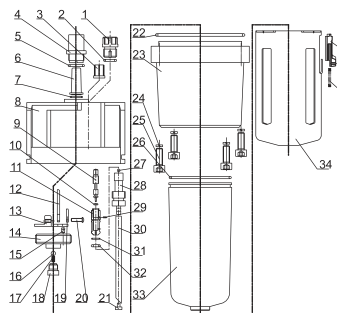
NO.	NAME	QTY	MATERIAL
26	Regulate handle	1	Reinforce nylon
25	Symbol ring	1	Reinforce nylon
24	Nut	1	Reinforce nylon
23	Cross screw	4	Carbon steel
22	Spring washer	4	Carbon steel
21	Valve cover	1	Reinforce nylon
20	Regulate bolt	1	Carbon steel
19	Washer	1	POM
18	Regulate Nut	1	Carbon steel
17	Spring	1	Carbon steel
16	Spring seat	1	Carbon steel
15	Diaphragm	1	NBR
14	Diaphragm seat	1	Brass
13	Pipe	1	POM
12	Retainer ring	1	Carbon steel
11	O-ring	1	NBR
10	Plug	1	Carbon steel
9	Valve body	1	Aluminum
8	Spool	1	Brass+NBR
7	Valve core	1	Brass
6	Retainer ring	1	Carbon steel
5	Spring	1	Stainless steel
4	Washer	1	Carbon steel
3	O-ring	1	NBR
2	O-ring	1	NBR
1	Regulator seat	1	ZZnAl4-1

EF



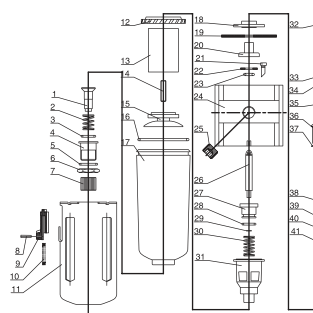
NO.	NAME	QTY	MATERIAL
18	Lock	1	ABS
17	Pin	1	ABS
16	Spring	1	Stainless steel
15	Metal bowl	1	Carbon steel
14	Nut	1	Cu
13	Hex Nut	1	Cu
12	O-ring	1	NBR
11	Drain valve	1	Cu
10	O-ring	1	NBR
9	Spring	1	Stainless steel
8	Valve core	1	Cu
7	Water cup	1	Polycarbonate
6	Drain board	1	ABS
5	Bolt	1	Carbon steel
4	Filter element	1	Cu
3	Blade	1	ABS
2	O-ring	1	NBR
1	Regulator body	1	Aluminum

EL



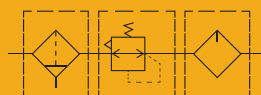
NO.	NAME	QTY	MATERIAL
37	Lock	1	ABS
36	Pin	1	ABS
35	Spring	1	Stainless steel
34	Bowl guard	1	Carbon steel
33	Oil cup	1	Polycarbonate
32	O-ring	1	NBR
31	O-ring	1	NBR
30	Oil tube	1	PU
29	Pin	1	Carbon steel
28	Fitting	1	POM
27	Steel ball	1	Carbon steel
26	O-ring	1	NBR
25	Hex screw	4	Carbon steel
24	Spring washer	4	Carbon steel
23	Middle part	1	Aluminum
22	O-ring	1	NBR
21	Filter element	1	Brass
20	Screw	2	Carbon steel
19	Reed seat board	1	ZZnAl4-1
18	One way valve plate	1	Cu
17	Spring	1	Stainless steel
16	Steel ball	1	Carbon steel
15	Small hole seat	1	Brass
14	Bracket	1	ZZnAl4-1
13	Reed seat	1	ZZnAl4-1
12	Reed	1	Polycarbonate
11	Oil regulate valve seat	1	Brass
10	O-ring	1	NBR
9	Regulate needle	1	Brass
8	Lubricator body	1	Aluminum
7	O-ring	1	NBR
6	Oil drop tube	1	Polycarbonate
5	O-ring	1	NBR
4	Oil window	1	Polycarbonate
3	Oil regulate screw	1	ABS
2	O-ring	1	NBR
1	Plug	1	ABS

EW



NO.	NAME	QTY	MATERIAL
41	Spring	1	Carbon steel
40	Regulate Nut	1	Carbon steel
39	Washer	1	POM
38	Regulate Bolt	1	Carbon steel
37	Spring washer	4	Carbon steel
36	Cross screw	4	Carbon steel
35	Valve cover	1	Reinforce nylon
34	Nut	1	Reinforce nylon
33	Symbol ring	1	Reinforce nylon
32	Regulate handle	1	Reinforce nylon
31	Overflow valve seat	1	ZZnAl4-1
30	Spring	1	Stainless steel
29	Retainer ring	1	Carbon steel
28	O-ring	1	NBR
27	Valve core	1	Brass
26	Spool	1	Brass + NBR
25	Plug	1	Carbon steel
24	Regulator Body	1	Aluminum
23	O-ring	1	NBR
22	Retainer ring	1	Carbon steel
21	Pipe	1	POM
20	Diaphragm seat	1	Brass
19	Diaphragm	1	NBR
18	Diaphragm Pallet	1	Carbon steel
17	Water cup	1	Polycarbonate
16	O-ring	1	NBR
15	Drain board	1	ABS
14	Bolt	1	Carbon steel
13	Filter element	1	Brass
12	Whirlwind blade	1	ABS
11	Bowl guard	1	Carbon steel
10	Spring	1	Stainless steel
9	Lock	1	ABS
8	Pin	1	Stainless steel
7	Nut	1	Brass
6	Hex Nut	1	Brass
5	O-ring	1	NBR
4	Drain valve	1	Brass
3	O-ring	1	NBR
2	Spring	1	Stainless steel
1	Valve core	1	Brass

EC
F.R.L



Specifications

Model	EC1000	EC2000	EC2500	EC3000	EC4000	EC5000
Proof pressure(MPa)			1.5			
Max. working pressure(MPa)			1.0			
Working temperature(°C)			5-60			
Filter precision			25µm(5 µm is optional)			
Recommended oil			Turbine No.1 Oil ISOVG32			
Bowl material			Polycarbonate			
Bowl guard	None			Available		
Pressure adjusting range(MPa)			0.15-0.85			
Valve type			With overflow			

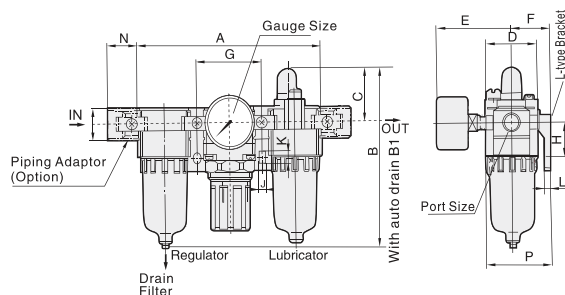
Model	Specifications							Accessories
	Assembly			* Rated flow (L/min)	** Port size (G)	Pressure gauge thread size (G)	Weight (kg)	Bracket(Two)
EC1000-M5	Filter	Regulator	Lubricator	90	M5	1/16	0.26	Y10L
EC2000-01	EF1000	ER1000	EL1000	1000	1/8			
EC2000-02	EF2000	ER2000	EL2000	1100	1/4	1/8	0.74	Y20L
EC3000-02	EF3000	ER3000	EL3000	1950	1/4			
EC3000-03				2105	3/8	1/8	1.18	Y30L
EC4000-03	EF4000	ER4000	EL4000	4950	3/8			
EC4000-04				5200	1/2	1/4	2.14	Y40L
EC4000-06	EF4000-06	ER4000-06	EL4000-06	5600	3/4	1/4	2.47	Y50L
EC5000-06				6200	3/4			
EC5000-10	EF5000	ER5000	EL5000	6500	1	1/4	3.82	Y60L

* The above information is based on 8.0 Bar supply pressure and 6.3 Bar set pressure

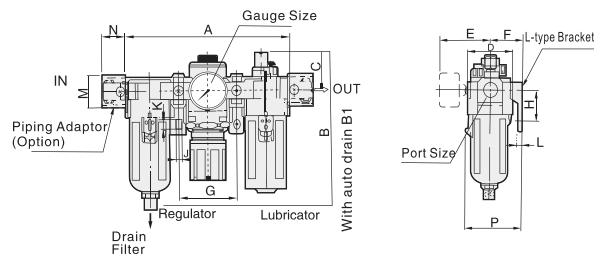
* NPT,PT port size is optional

Main Dimension

EC1000-EC2000



EC3000-EC5000

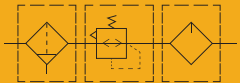


Model	Port Size (G)	A	B	B1	C	D	E	F	G	H	J	K	L	M	N	P
EC1000	M5	91	84.5	-	25.5	25	26	25	33	20	4.5	7.5	5	17.5	16	38.5
EC2000	1/8"-1/4"	140	123.5	161	37.5	40	53	30	50	24	5.5	8.5	5	22	23	50
EC3000	1/4"-3/8"	181	157.5	170	39	53	57	41	64	35	7.5	11	7.2	34.2	26	70.5
EC4000	3/8"-1/2"	238	190	194	40	70	62	50	84	40	9	13	7.2	42.2	33	88
EC4000-06	3/4"	253	191.5	194.5	39	70	66	50	89	40	9	13	7.2	46.2	36	88
EC5000	3/4"-1"	300	271.5	274.5	45.5	90	72	69.8	105	50	12	16	10.5	55.2	40	115

EC Series Air Preparation Unit



EC
FR.L



Specifications

Model	EC1010	EC2010	EC3010	EC4010	EC5010
Proof pressure(MPa)	1.5				
Max. working pressure(MPa)	1.0				
Working temperature(°C)	5~60				
Filter precision	25μm (5 μm is optional)				
Recommended oil	Turbine No.1 Oil ISOVG32				
Bowl material	Polycarbonate				
Bowl guard	None		Available		
Pressure adjusting range(MPa)	0.15~0.85				
Valve type	With overflow				

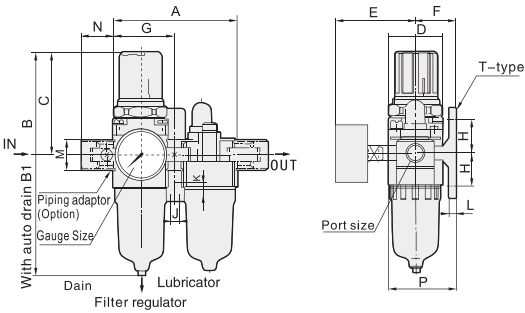
Model	Specifications						Accessories
	Assembly		* Rated flow (L/min)	** Port size (G)	Pressure gauge thread size (G)	Weight (kg)	Bracket
	Filter with pressure	Lubricator					
EC1010-M5	EW1000	EL1000	90	M5	1/16	0.22	Y10T
EC2010-01	EW2000	EL2000	945	1/8	1/8	0.66	Y20T
EC2010-02			960	1/4			
EC3010-02	EW3000	EL3000	1874	1/4	1/8	0.98	Y30T
EC3010-03			1956	3/8			
EC4010-03	EW4000	EL4000	4923	3/8	1/4	1.93	Y40T
EC4010-04			5120	1/2			
EC4010-06	EW4000-06	EL4000-06	5000	3/4	1/4	1.99	Y50T
EC5010-06			6000	3/4			
EC5010-10	EW5000	EL5000	6200	1	1/4	3.20	Y60T

* The above information is based on 8.0 Bar supply pressure and 6.3 Bar set pressure

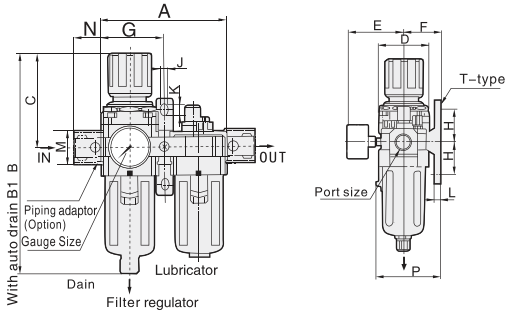
* NPT,PT port size is optional

Main Dimension

EC1010-EC2010



EC3010-EC5010

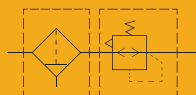


Model	Port Size (G)	A	B	B1	C	D	E	F	G	H	J	K	L	M	N	P
EC1010	M5	58	109.5	-	50.5	25	26	25	29	20	4.5	7.5	5	17.5	16	38.5
EC2010	1/8"-1/4"	90	162	200	76	40	53	29.5	45	24	5.5	8.5	5	22	23	50
EC3010	1/4"-3/8"	116	210.5	224.5	92	53	51	40	58.5	35	7.5	11	7.2	34.2	26	69.5
EC4010	1/4"-3/8"	154	264	267	113.5	70	67	49.5	77	40	9	13	7.2	42.2	33	88
EC4010-06	3/4"	164	268	271	115	70	67	49.5	82	40	9	13	7.2	46.2	36	88
EC5010	3/4"-1"	195	343	348	116.5	90	72	68.5	97.5	50	12	16	10.5	55.2	40	115

EW Series Air Preparation Unit



EW
F&R



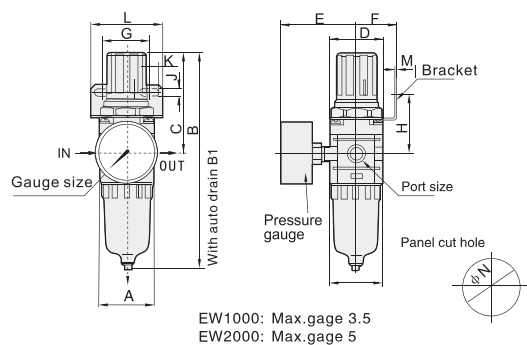
Specifications

Model	EW1000	EW2000	EW3000	EW4000	EW5000
Proof pressure(MPa)	1.5				
Max. working pressure(MPa)	1.0				
Working temperature(℃)	5~60				
Filter precision	25μm (5 μm is optional)				
Bowl material	Polycarbonate				
Bowl guard	None		Available		
Pressure adjusting range(MPa)	0.15~0.85				
Valve type	With overflow				

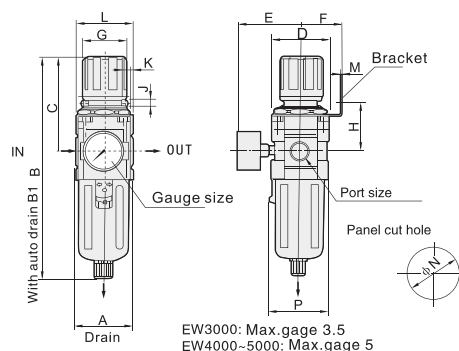
Model	Specifications				Accessories	Drain function	Auto drain model
	*Rated flow(L/min)	** Port size (G)	Pressure gauge/thread size	Weight (kg)	Bracket		
EW1000-M5	100	M5	1/16	0.09	B120		
EW2000-01	1078	1/8	1/8	0.36	B220		EW2000-01D
EW2000-02	1165	1/4					
EW3000-02	1998	1/4	1/8	0.56	B320		EW3000-02D
EW3000-03	2177	3/8					
EW4000-03	5108	3/8	1/4	1.15	B420		EW4000-03D
EW4000-04	5211	1/2					
EW4000-06	5750	3/4	1/4	1.21			EW4000-06D
EW5000-06	6200	3/4	1/4	1.70			EW5000-06D
EW5000-10	6400	1					

Main Dimension

EW1000-EW2000



EW3000-EW5000

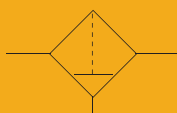


Model	Port Size (G)	A	B	B1	C	D	E	F	G	H	J	K	L	M	N	P
EW1000	M5	25	109.5	-	50.5	25	26	25	28	30	4.5	6.5	40	2	20.5	28
EW2000	1/8"-1/4"	40	162	200	76	40	53	30.5	33.5	43	5.4	15	55	2	33	40
EW3000	1/4"-3/8"	53	210.5	224.5	92	53	57	39	40	45	6.5	8	53	2	42	56
EW4000	3/8"-1/2"	70	264	267	113.5	70	67	48	53.5	53.5	8.5	10.5	70	2	52	73
EW4000-06	3/4"	75	268	271	115	70	67	48	53.5	53.5	8.5	10.5	70	2	52	73
EW5000	3/4"-1"	90	343	348	116.5	90	72	48	53.5	62	8.5	10.5	70	2	52	90

EF Series Air Preparation Unit



EF Filter



Specifications

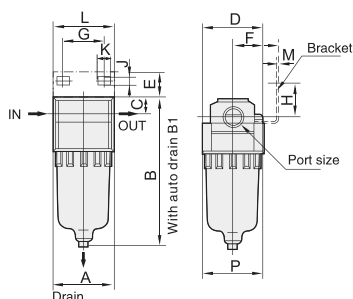
Model	EF1000	EF2000	EF3000	EF4000	EF5000
Proof pressure(MPa)	1.5				
Max. working pressure(MPa)	1.0				
Working temperature(℃)	5~60				
Filter precision	25μm (5 μm is optional)				
Bowl material	Polycarbonate				
Bowl guard	None		Available		
Pressure adjusting range(MPa)	0.15~1.0				

Model	Specifications				Accessories	Drain function	Auto drain mode
	*Rated flow (L/min)	** Port size (G)	Bowl capacity (CM³)	Weight (kg)	Bracket		
EF1000-M5	110	M5	4	0.07	-	Manual drain	
EF2000-01	1222	1/8	15	0.19	B240		EF2000-01D
EF2000-02	1278	1/4					EF2000-02D
EF3000-02	2006	1/4	20	0.29	B340	a. Zero pressure drain b. Manual drain	EF3000-02D
EF3000-03	2148	3/8					EF3000-03D
EF4000-03	5120	3/8	45	0.55	B440		EF4000-03D
EF4000-04	5430	1/2					EF4000-04D
EF4000-06	7680	3/4	45	0.58	B540		EF4000-06D
EF5000-06	8200	3/4	130	1.08	B640		EF5000-06D
EF5000-10	8500	1					EF5000-10D

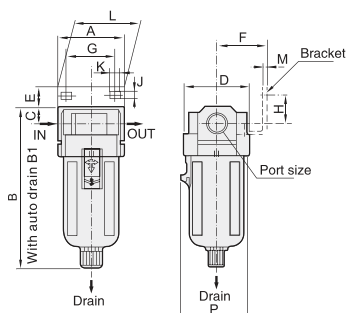
* The above information is based on 6.3 Bar supply pressure and 1.0 Bar set pressure * NPT,PT port size is optional

Main Dimension

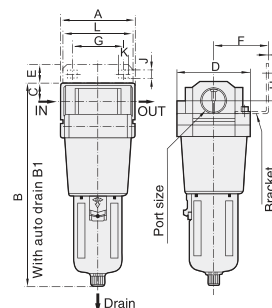
EF1000-EF2000



EF3000-EF4000



EF5000



Model	Port Size (G)	A	B	B1	C	D	E	F	G	H	J	K	L	M	P
EF1000	M5	25	66	-	7	25	-	-	-	-	-	-	-	-	26.5
EF2000	1/8"-1/4"	40	96.5	134.5	11	40	25	31	19	14	17	6.8	40	2	40
EF3000	1/4"-3/8"	53	132.5	145	14	53	15	41.5	40	22	6.5	8	53	2	56
EF4000	3/8"-1/2"	70	168	171.5	18	70	18	53	54	27	8.5	10.5	70	2	73
EF4000-06	3/4"	75	172.5	175.5	20	70	14	50	54	25	8.5	10.5	70	2	73
EF5000	3/4"-1"	90	246	250	24	90	23	67	66	35	11	13	90	3	90

EL

Lubricator



Specifications

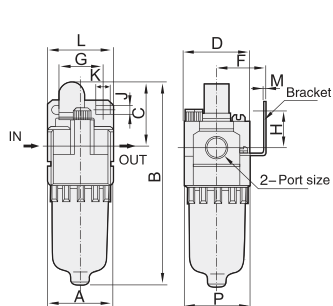
Model	EL1000	EL2000	EL3000	EL4000	EL5000
Proof pressure(MPa)	1.5				
Max. working pressure(MPa)	1.0				
Working temperature(℃)	5~60				
Filter precision	25μm (5 μm is optional)				
Bowl material	Polycarbonate				
Bowl guard	None		Available		
Pressure adjusting range (MPa)	0.15~1.0				

Model	Specifications					Accessories
	Minimal flow of oil drop (L/min)	*Rated flow(L/min)	** Port size (G)	Bowl capacity (CM ³)	Weight (kg)	Bracket
EL1000-M5	4	95	M5	7	0.07	-
EL2000-01	15	1300	1/8	25	0.22	B240
EL2000-02		1345	1/4			
EL3000-02	30	2310	1/4	50	0.50	B340
EL3000-03	40	2375	3/8			
EL4000-03	40	5321	3/8	130	0.56	B440
EL4000-04	50	5532	1/2			
EL4000-06	50	6700	3/4	130	0.58	B540
EL5000-06	190	7700	3/4	130	1.08	B640
EL5000-10		8000	1			

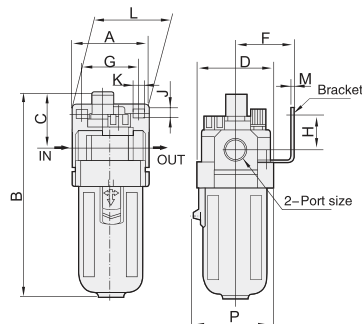
- * The above information is based on 6.3 Bar supply pressure,the flow of oil drop is 2~3 drops/min,the temperature of Turbine No.1 oil is 20° C
- * The above information is based on 6.3 Bar supply pressure and 1.0 Bar step down
- * NPT,PT port size is optional

Main Dimension

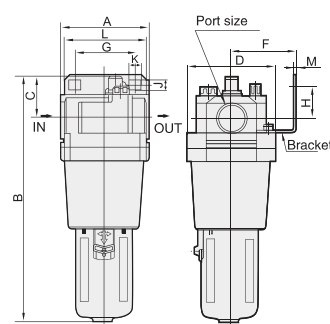
EL1000-EL2000



EL3000-EL4000



EL5000



Model	Port Size (G)	A	B	C	D	F	G	H	J	K	L	M	P
EL1000	M5	25	81.5	25.5	25	-	-	-	-	-	-	-	27
EL2000	1/8"-1/4"	40	115	37.5	40	31	19	14	17	6.8	40	2	40
EL3000	1/4"-3/8"	53	141	39	53	41	40	23	6.5	8	53	2	56
EL4000	3/8"-1/2"	70	175	40	70	53	54	26	8.5	10.5	70	2	73
EL4000-06	3/4"	75	177	39	70	50	54	26	8.5	10.5	70	2	73
EL5000	3/4"-1"	90	254	45.5	90	67	66	35	11	13	90	3	90

ER Series Air Preparation Unit



ER Regulator



Specifications

Model	ER1000	ER2000	ER3000	ER4000	ER5000
Proof pressure(MPa)	1.5				
Max. working pressure (MPa)	1.0				
Working temperature(°C)	5~60				
Pressure adjusting range (MPa)	0.05~0.85				
Valve type	With overflow				

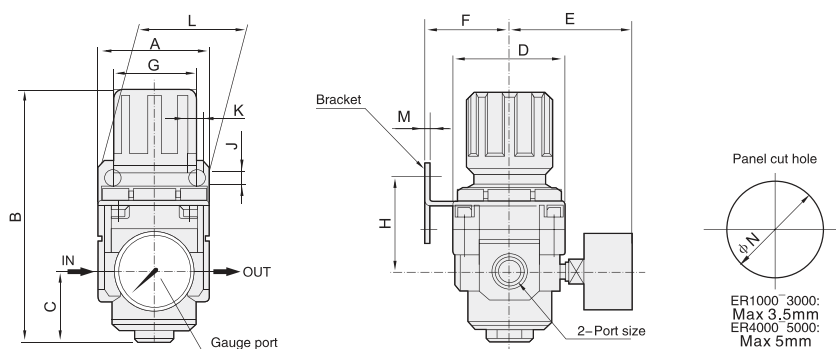
Model	Specifications				Accessories
	*Rated flow(L/min)	** Port size (G)	size (G)	Weight (kg)	Bracket
ER1000-M5	100	M5	1/16	0.08	B120
ER2000-01	1178	1/8	1/8	0.27	B220
ER2000-02	1200	1/4			
ER3000-02	2112	1/4	1/8	0.41	B320
ER3000-03	2212	3/8			
ER4000-03	5020	3/8	1/4	0.84	B420
ER4000-04	5312	1/2			
ER4000-06	6000	3/4	1/4	0.94	
ER5000-06	6400	3/4	1/4	1.19	
ER5000-10	6600	1			

* The above information is based on 8.0 Bar supply pressure and 6.3 Bar set pressure

* NPT,PT port size is optional

Main Dimension

ER1000-ER5000



Model	Port Size (G)	A	B	C	D	E	F	G	H	J	K	L	M	N
ER1000	M5	25	61.5	11	25	26	25	28	30	4.5	6.5	40	2	20.5
ER2000	1/8"-1/4"	40	93	17	40	52	30.5	33.5	44	5.4	15	55	2	33
ER3000	1/4"-3/8"	53	127.5	34.5	53	57	39	40	46	6.5	8	53	2	42
ER4000	3/8"-1/2"	70	149.5	40.5	70	62	48	53.5	54.5	8.5	10.5	70	2	52
ER4000-06	3/4"	75	154	40.5	70	66	48	53.5	55.5	8.5	10.5	70	2	52
ER5000	3/4"-1"	90	168	49	90	72	48	53.5	62	8.5	10.5	70	2	52