



Specifications

Model	ER1000	ER2000	ER2500	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)	Pressure gauge thread size (G)	Weight (kg)	
ER1000-M5	100	M5	1/16	0.08	B120
ER2000-01	1178	1/8	1/8	0.27	B220
ER2500-02	1200	1/4	1/8	0.27	B220
ER2500-03	2000	3/8	1/8	0.27	B220
ER3000-02	2112	1/4	1/8	0.41	B320
ER3000-03	2212	3/8	1/8	0.41	B320
ER4000-03	5020	3/8	1/4	0.84	B420
ER4000-04	5312	1/2	1/4	0.94	B420
ER4000-06	6000	3/4	1/4	0.94	B420
ER5000-06	6400	3/4	1/4	1.19	B420
ER5000-10	6600	1	1/4	1.19	B420

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

* NPT,PT port size is optional

Main Dimensions (mm)

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	95	17	40	56.8	30	34	44	5.4	15.4	55	2.3	33.5
ER2500	1/4"-3/8"	53	102.5	25	48	60.8	30	34	44	5.4	15.4	55	2.3	33.5
ER3000	1/4"-3/8"	53	127.5	35	53	60.8	39	40	46	6.5	8	53	2.3	42.5
ER4000	3/8"-1/2"	70	149.5	37.5	70	65.5	49.2	54	54	8.5	10.5	70	2.3	52.5
ER4000-06	3/4"	75	154	40.5	70	69.5	49.2	54	55.5	8.5	10.5	70	2.3	52.5
ER5000	3/4"-1"	90	168	48	90	75.5	49.2	54	62	8.5	10.5	70	2.3	52.5

Panel cut hole: $\frac{\phi}{4}$

ER1000 3000: Max 3.5mm
ER4000 5000: Max 5mm

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
HE: Environment protection type		10: Two units (Regulator+Lubricator) 00: Others		Blank: Manual drain type D: Auto Drain type		Blank: With pressure gauge N: No pressure gauge	Blank: With bracket J: No bracket	Blank: 25 μ m 5M: 5 μ m	Blank: G P: PT T: NPT	
C: Filter+regulator+ lubricator	20: 2000 body	30: 3000 body	2000 01: 1/8"	4000 03: 3/8"				4: Mpa/Psi(Default)		
W: Filter+regulator	40: 4000 body	50: 5000 body	02: 1/4"	04: 1/2"				5: Bar/Psi		
F: Filter			3000 02: 1/4"	06: 3/4"						
R: Regulator			03: 3/8"	5000 06: 3/4"						
L: Lubricator										

Order Example:

HE series three units, 2000 body size, 1/8 port size, manual drain, with bracket, Mpa/Psi pressure gauge, 25 μ m filter precision, G thread, ERP code is: HEC2000-01-4

Air Preparation Unit Kits

HER

HEF

HEL

HEW

NO.	NAME	QTY	MATERIAL
26	Regulate handle	1	Reinforce nylon
28	Symbol ring	1	Reinforce nylon
24	Nut	1	Reinforce nylon
23	Gross 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	Carbon steel
18	Regulate Nut	1	POM
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	O-ring	1	NBR
9	Plug	1	Carbon steel
8	Regulator Body	1	Aluminum
7	Spool	1	Brass+NBR
6	Valve core	1	Brass
5	Retainer ring	1	Carbon steel
4	Spring	1	Stainless steel
3	Washer	1	Carbon steel
2	O-ring	1	NBR
1	Regulator seat	1	ZZn-Al-1

NO.	NAME	QTY	MATERIAL
20	Bowl guard	1	Carbon steel
19	Button	1	POM
18	Bushing	1	Carbon steel
17	Snap Ring	1	Stainless steel
16	Pressure ring	1	POM
15	O-ring	1	NBR
14	Nut	1	Brass
13	Hex Nut	1	Brass
12	O-ring	1	NBR
11	Drain valve	1	Brass
10	O-ring	1	NBR
9	Spring	1	Stainless steel
8	Valve core	1	Brass
7	Water cup	1	Polycarbonate
6	Drain blade	1	ABS
5	Bolt	1	Carbon steel
4	Filter Element	1	Brass
3	Whirling blade	1	ABS
2	O-ring	1	NBR
1	Regulator body	1	Aluminum

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	Filling	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	Filter Element	1	Brass
21	Filter Element	1	Brass
20	Screw	2	Carbon steel
19	Read seat board	1	ZZn-Al-1
18	One way valve seat	1	Brass
17	Spring	1	Stainless steel
16	Steel Ball	1	Carbon steel
15	Small hole seat	1	Brass
14	Bracket	1	ZZn-Al-1
13	Read	1	Polyurethane
12	Oil drop valve seat	1	Brass
11	O-ring	1	NBR
10	Regulate needs	1	Brass
9	Lubricator body	1	Aluminum
8	Oil drop tube	1	Polycarbonate
7	O-ring	1	NBR
6	Oil drop tube	1	Polycarbonate
5	O-ring	1	NBR
4	Oil drop tube	1	Polycarbonate
3	Oil regulate screw	1	ABS
2	O-ring	1	NBR
1	Plug	1	ABS

NO.	NAME	QTY	MATERIAL
46	Spring	1	Carbon steel
45	Regulate Nut	1	Carbon steel
44	Washer	1	POM
43	Regulate Bolt	1	Carbon steel
42	Spring washer	4	Carbon steel
41	Gross screw	4	Carbon steel
40	Valve cover	1	Carbon steel
39	Nut	1	Reinforce nylon
38	Symbol ring	1	Reinforce nylon
37	Regulate handle	1	Reinforce nylon
36	Overhaul seat	1	ZZn-Al-1
35	Spring	1	Stainless steel
34	Retainer ring	1	Carbon steel
33	O-ring	1	NBR
32	Valve core	1	Brass
31	Spool	1	Brass+NBR
30	Regulator Body	1	Aluminum
29	Regulator Body	1	Aluminum
28	Regulator ring	1	Carbon steel
27	Retainer ring	1	Carbon steel
26	Pipe	1	POM
25	Diaphragm	1	NBR
24	Diaphragm	1	NBR
23	Diaphragm NBR	1	Carbon steel
22	Water cup	1	Polycarbonate
21	O-ring	1	NBR
20	Drain board	1	NBR
19	Bolt	1	Carbon steel
18	Filter element	1	Brass
17	Whirling blade	1	ABS
16	Bowl guard	1	Carbon steel
15	Spring	1	Stainless steel
14	Lock	1	ABS
13	Button	1	ABS
12	Button	1	POM
11	Button	1	POM
10	Snap Ring	1	Stainless steel
9	Pressure ring	1	POM
8	O-ring	1	NBR
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