

PLACKA PRECISION REGULATOR



Product Features

- > High precision , sensitive response.
Steady output pressure.
- > Large flow rate and steady flow output.
- > Easy installation : Independent installation by bracket ;Bottom installation;
- > Direct installation with existing modular air preparation.
- > High pressure type, medium pressure type and low pressure type optional.

HOW TO ORDER?

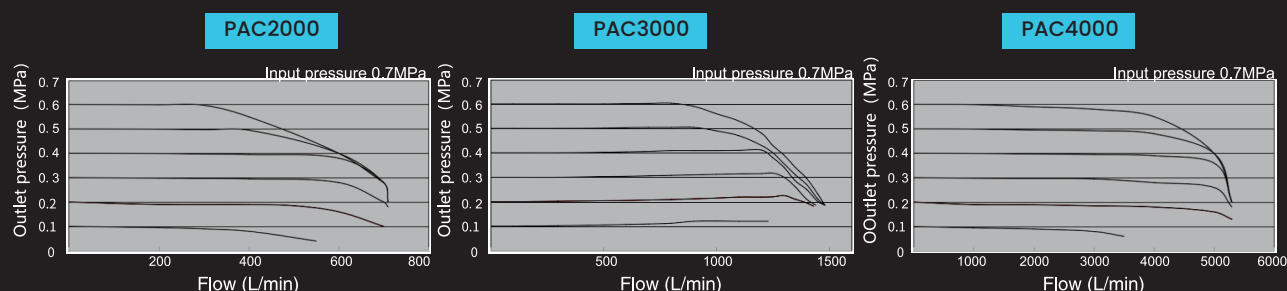
Series No.	Port Size	Pressure Range	Pressure Gauge Code	Bracket Code	Scale Unit	Thread Type
PAC2000 PAC3000 PAC4000	2000 01:1/8" 3000 02:1/4" 4000 02:1/4" 03:3/8" 04:1/2"	L : 0.005 ~ 0.2MPa M: 0.01 ~ 0.4MPa H: 0.01 ~ 0.8MPa	Blank: With pressure gauge N: No pressure gauge	Blank: With bracket J: No bracket	4: MPa/psi	Blank: G P: PT T:NPT

EPR3000 high precision regulator , 1/4" port, pressure range 0.01 —0.8MPa ,with gauge.with bracket.scale unit MPa/psi,G thread.
ERP code is EPR3000—02H

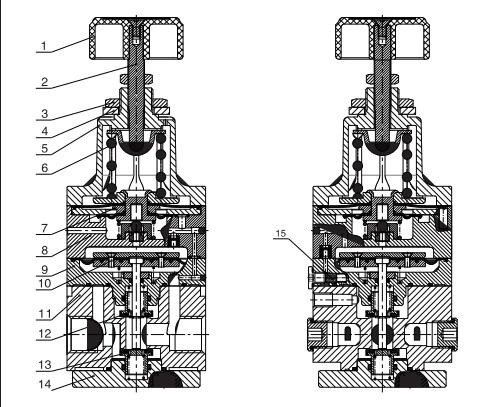
SPECIFICATIONS

Model No.		EPR2000 01	EPR3000 02	EPR4000 02	EPR4000 03	EPR4000 04
Working Medium		Clean air(After 5 g m filtration)				
Max. Supply Pressure(Mpa)		1.0				
Min. Supply Pressure(Mpa)		Setting pressure+0.05		Setting pressure+0.1		
Proof Pressure(Mpa)		1.5				
Set Pressure	Low Pressure	L:0.005 ~ 0.2MPa		L:0.01 ~ 0.2MPa		
	Medium Pressure	M:0.01 ~ 0.4MPa				
	High Pressure	H:0.01 ~ 0.8MPa				
Sensitivity		Within 0.2% of full scale				
Repeatability		Within±0.5% of full scale				
Air Consumption		≤4. 4L/min (ANR)		≤11.5L/min (ANR)		
Port Size		1/8"	1/4"	1/4"	3/8"	1/2"
Pressure Gauge Port Size		G1/8(2 locations)				
Working Temperature(℃)		-20~70 (No freezing)				
Weight(g)		140	420	710		

FLOW CHART

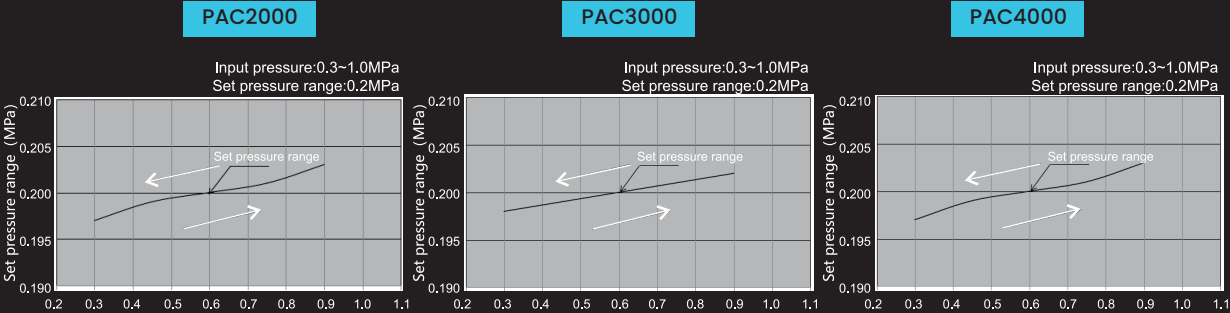


INTERNAL STRUCTURE

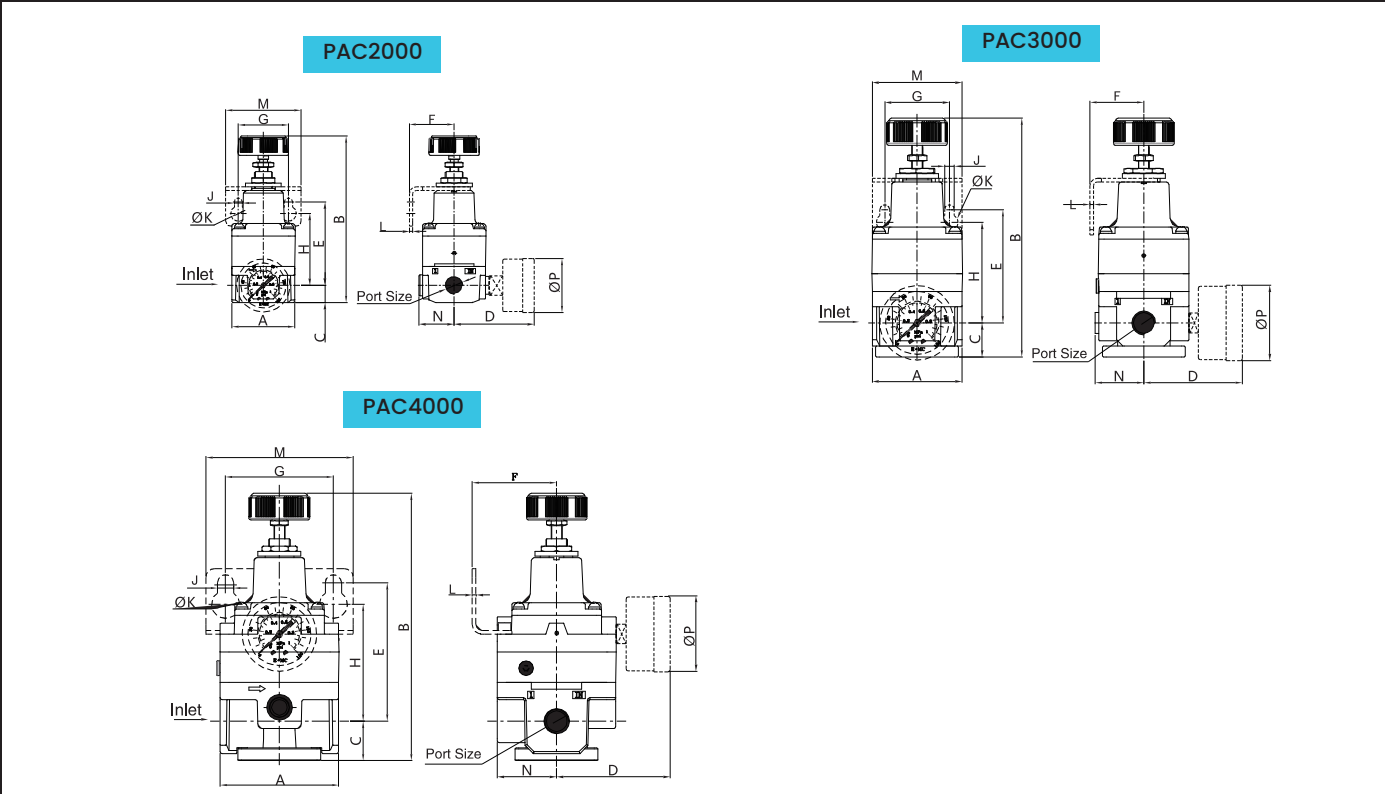


No.	Part Name	Material
1	Pilot regulate button	Plastic
2	Pilot regulate axle	Carbon steel
3	Hex nut	Free Machining Steel
4	Flat washer	SPCC
5	Pilot regulate seat	Aluminum
6	Spring	Spring steel
7	Pilot diaphragm assy	Assy
8	Nozzle	Aluminum
9	Middle valve body	Aluminum
10	Main regulate diaphragm	Assy
11	Main valve body	Aluminum
12	Exhaust valve core	Assy
13	Inlet valve core	Assy
14	Bottom cover	Aluminum
15	Filter element	High polymer material

PRESSURE CHARACTERISTIC DIAGRAM



MAIN DIMENSION



Model	Port Size	A	B	C	D	E	F	G	H	J	K	L	M	N	P
PAC2000	1/8"	35	93	9.5	44.5	46.5	25	28	40	4.5	8.5	2	42	19.5	30
PAC3000	1/4"	50	133	19	55	63	30	36	56	5.5	9.5	2	50	27	42
PAC4000	1/4", 3/8", 1/2"	66	149	22	63.5	77	47	60	65	9	15.5	2	82	33	42