

PRESSURE REGULATORS

1/4" BSP (F)/ NPT (F)

FLOCON

**SERIES
FCPB**



APPLICATIONS :

◀FLOCON▶ 'S latest air filter combination pressure regulator is specially designed to provide precise degree of regulation and flow to operate efficient functioning of pneumatic instruments. The filter element effectively removes the water vapour and other contaminating particles generally present in compressed air supply system.

◀FLOCON▶ filter combination pressure regulator is a compact and precise unit to provide clean, dry and regulated air to be used for pneumatic process control instruments, diaphragm control valves, air cylinders and pneumatic tools.

◀FLOCON▶ In all pressure regulators as the flow is increased the reduced pressure drops from the original reduced pressure setting.

The deviation between set pressure and actual pressure is called 'regulator drop'.

◀FLOCON▶ minimises this drop by utilizing an efficient aspirator and separate diaphragm chamber. With increased flow rates the aspirator creates a lower pressure under the diaphragm thus, greater force is applied to the stem and the valve opens further allowing greater air flow to offset the pressure drop.

FEATURES :

1. Suitable for primary pressure up to 15 gm/cm²
2. Four optimal secondary pressure (0 to 1.4 kg/cm², 0-2.5 kg/cm², 0 to 4 kg/cm² and 0 to 7 kg/cm²).
3. Choice of ceramic and sintered bronze filter.
S. Bronze - 2 to 50 micron Ceramic - 50 micron.
4. Manual drain cock for liquid draining.
5. Rugged aluminium bar stock body.
6. Neoprene diaphragm for sensitive regulation.

PRESSURE TEMPERATURE

Maximum supply pressure 15 kg/cm²

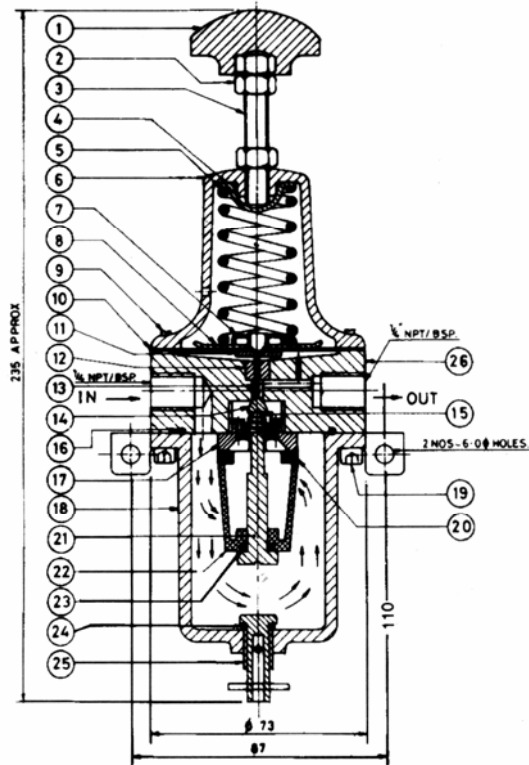
Maximum operating temperature 55°C

ACCESSORIES & OPTIONS :

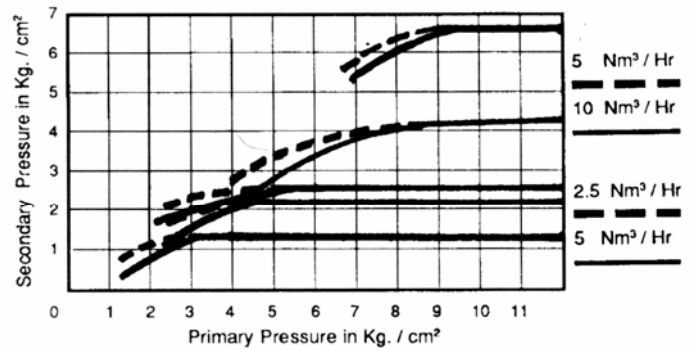
1. Pressure gauge 1/4" NPT x 55 mm dia.
(Specify suffix 'G')
2. L Bracket (Specify suffix 'L')
for field mounting
3. S.S. Internals.
(Valve and Spring)

**◀FLOCON▶ PRECISION
INSTRUMENT
CO.**

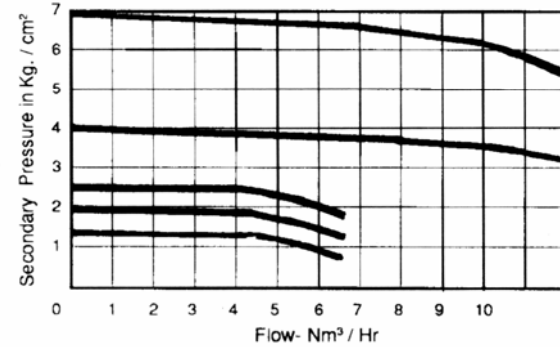
124- A-Z INDUSTRIAL ESTATE, G. K. MARG, MUMBAI - 400 013. TEL. : 2492 6384 / 2492 4333 FAX : 2497 4299
E-mail : flocon@bom3.vsnl.net.in Website : www.floconvalves.com



REGULATION CHARACTERISTICS



REGULATOR FLOW CHARACTERISTIC



SR. NO.	NAME OF PART	PART NO.	MATERIAL	QTY.
1	KNOB FOR PRESSURE ADJUSTING SCREW	FSPN 1001	BAKELITE	1
2	LOCK NUT	FSPN 1002	M.S.	1
3	STUD FOR PRESSURE ADJUSTING	FSPN 1003	S. S. 304	1
4	SPRING RETAINER	FSPN 1004	C.S.	1
5	REGULATOR SPRING	FSPN 1005	S. STEEL	1
6	SPRING CAP	FSPN 1006	ALUMINIUM	1
7	CUP FOR DIAPHRAGM ASSLY	FSPN 1007	C.S.	1
8	DIAPHRAGM PLATE	FSPN 1008	C.S.	1
9	SCREW	FSPN 1009	C.S.	6
10	DIAPHRAGM	FSPN 1010	NEOPRENE	1
11	RIVET FOR DIAPHRAGM	FSPN 1011	BRASS	1
12	GUIDE BUSH	FSPN 1012	BRASS	1
13	PIN FOR THE VALVE	FSPN 1013	BRASS	1
14	CUP	FSPN 1014	NEOPRENE	1
15	TAPER SPRING	FSPN 1015	S. STEEL	1
16	O' RING	FSPN 1016	NEOPRENE	4
17	VALVE ADOPTER	FSPN 1017	DELRIN	1
18	FILTER CHAMBER	FSPN 1018	ALUMINIUM	1
19	SCREW	FSPN 1019	C.S.	4
20	FILTER GASKET	FSPN 1020	NEOPRENE	1
21	FILTER SCREW	FSPN 1021	DELRIN	1
22	FILTER	FSPN 1022	CERAMIC/SINTERED BRONZE	1
23	O' RING FOR SCREW	FSPN 1023	NEOPRENE	1
24	O' RING FOR DRAIN VALVE	FSPN 1024	NEOPRENE	1
25	DRAIN VALVE	FSPN 1025	BRASS/S.S. 304	1
26	BODY	FSPN 1026	ALUMINIUM	1

NOTE :

In line with their policy of continous product development, the manufacturer reserves the right to change specifications without notice.

MANUFACTURERS :

PRECISION INSTRUMENT CO.

WORKS :

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PHONE : 2492 6384, 2492 4333
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AGENCY APPROVALS FOR FLOCON® SOLENOID VALVES PRECISION INSTRUMENT CO. - MUM-13			
ENGINEERS INDIA LIMITED	NEW DELHI	EIL	SOLENOID VALVES
ELECTRONICS REGIONAL TEST LABORATORY	MUMBAI	ERTL	DAMP HEAT TEST REPORT
ELECTRONICS REGIONAL TEST LABORATORY	MUMBAI	ERTL	VIBRATION TEST REPORT
INSTITUTE FOR DESIGN OF ELECTRICAL MEASURING INSTRUMENTS	MUMBAI	IDEMI	IP-65 TEST REPORT
INSTITUTE FOR DESIGN OF ELECTRICAL MEASURING INSTRUMENTS	MUMBAI	IDEMI	IP-65/67 TEST REPORT
CENTRAL MINING RESEARCH INSTITUTE	DHANBAD	CMRI	FLAME PROOF SOLENOID VALVE ENCLOSURE
CHIEF CONTROLLER OF EXPLOSIVES	NAGPUR	CCE	FLAMEPROOF SOLENOID VALVE ENCLOSURE
BUREAU OF INDIAN STANDARDS	MUMBAI	BIS	FLAMEPROOF SOLENOID VALVE ENCLOSURE
DIRECTORS GENERAL FACTORY			
ADVCE SERVICE & LABOUR INSTITUTE	MUMBAI	DGFASLI	FLAMEPROOF SOLENOID VALVE ENCLOSURE
GENELEC LIMITED	MUMBAI	GENELEC	IP-55



Where the Quality goes in before the Name comes on.