

PLACKA®

Stainless Steel Air Filter Pressure Regulators



Your Air-actuated Instrument and Equipment work at their best for a long period when you feed with clean dry air at a constant prescribed pressure. PLACKA Stainless Steel Air Filter-cum-Pressure Regulator removes completely the moisture and dust particles, and provides the exact pressure constantly at varying air demands. Its long period with minimum of maintenance make for an optimum compromise between the ideal and the practical, consistent with end-use. They are designed & suitable for very corrosive operating environment conditions. This economically priced units is extensively used for Process Control Instruments, Air-actuated Control Valves, Cylinders and other equipments.

SALIENT FEATURES :

- Longer life assured as the materials used are selected for their corrosion resistance and long wear.
 - Excellent characteristics throughout the full flow range particularly at low flow zone in which the units usually serves Instruments.
 - Negligible pressure drop due to high porosity ratio of the filter. The filter is reusable and has a high impact strength.
 - In addition to soild particles, the unit extracts a high percentage of water thus ensuring trouble-free service even in the most adverse conditions.
 - Built-in relief ensure rapid response to circuit-induced pressure changes.
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- The dust and liquid contaminants can be fully drained out when the Regulator is mounted both vertically and horizontally as in the case of Control Valves, Transmitters etc.
 - Custom made Unit for Control Valves, Transmitters and other field mounted Instruments.
 - Regulator adjustment knob is easily lockable by the finger operated locking nut.
 - Simple, versatile built in mounting arrangements by bolts and clamps. For panel mounting, tapped holes are provided at the top of the spring case for mounting screws.
 - Most economically priced.

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Service : Air
 Max. inlet Pressure : 250 PSI
 18 kg/cm²
 Enclosure : Weather Proof (IP65)
 Outlet Pressure Ranges : Refer Table 1
 End Connections : 1 inlet, 1 outlet and
 1 pressure gauge port
 Bowl Capacity : 130 cc (Approx.)
 Ambient Temperature : Upto 80° c
 Adjustment knob with nut : Unbreakable plastic
 moulded on S.S. Stem
 Body Spring Case and
 Filter Bowl : Investment Casting SS316

Filter : Sintered Bronze /
 Poly proylene Plastic
 15 Microns Standard
 5, 25, 40 Microns Optional
 SS filter 5 Micron Optional
 Main Valve : Neoprene Moulded on SS
 stem
 Drain Valve : SS
 Main Valve Spring : SS
 Diaphragm : Nylon Reinforced
 Neoprene
 Main Spring : Spring Steel
 Mounting : Surface or Panel

SELECT MODEL NUMBERS :

END CONNECTION	OUTLET PRESSURE RANGE				BODY LENGTH mm
	0 - 2.1 kg / cm ² 0 - 30 PSI	0 - 4.2 kg / cm ² 0 - 60 PSI	0 - 7 kg / cm ² 0 - 100 PSI	0 - 10.6 kg / cm ² 0 - 150 PSI	
1/4"	FPR - 1SS	FPR - 2SS	FPR - 3SS	FPR - 3ASS	154
3/8"	FPR - 4SS	FPR - 5SS	FPR - 6SS	FPR - 6ASS	166
1/2"	FPR - 7SS	FPR - 8SS	FPR - 9SS	FPR - 9ASS	166
3/4"	FPR - 10SS	FPR - 11SS	FPR - 12SS	FPR - 12ASS	176
1"	FPR - 13SS	FPR - 14SS	FPR - 15SS	FPR - 15ASS	176

Manufactured & Marketed by :

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