

AIR FILTER –ALUMINIUM



Your Air-Actuated Instrument and Equipment work at their best for a long period when you feed with clean dry air . PLACKA AF- Series Air Filter removes **completely** the moisture and dust particles, and provides a clean air. Its compactness and highly accurate performance for a long period with minimum of maintenance make for an optimum compromise between the ideal and the practical, consistent with end-use.

This economically priced unit is extensively used for Process Control Instruments, Air-actuated Control Valves, Cylinders transducers and other equipments.

SALIENT FEATURES:

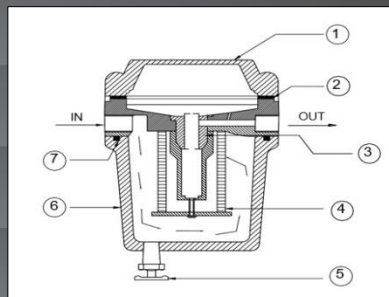
- In addition to solid particles, the unit extracts a high percentage of water thus ensuring trouble-free service even in the most adverse conditions.
 - The dust and liquid contaminants can be fully drained out when the Air Filter is mounted vertically as in the case of Control Valves, Transmitters, etc
- Custom made Unit for Control Valves, Transmitters and other field mounted Instruments.
- 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.

OPERATION:

- The primary air through the inlet port, passes through the filter element, leaving down the contaminants in the bowl and clean air is supplied through the output port
- In a regular intervals, the drain valve should be opened and the dust/contaminants to be drained for effective function of the Air Filter(AF)

Model	End Fitting
AF-1	1/4" NPT (F)/ BSP (F)
AF-2	3/8" NPT (F)/ BSP (F)
AF-3	1/2" NPT (F)/ BSP (F)
AF-4	3/4" NPT (F)/ BSP (F)
AF-5	1" NPT (F)/ BSP (F)

AIR FILTER – AF-3



SL.NO	DESCRIPTION	MATERIAL
1	TOP PIECE	DIE CAST ALUMINIUM
2	GASKET	NEOPRENE
3	DUMMY PLUG	BRASS
4	FILTER	5 MICRONS SINTERED BRONZE
5	DRAIN VALVE	MANUAL, BRASS
6	BOWL	DIE CAST ALUMINIUM
7	BIG 'O' RING	NITRILE
8	INLET & OUT LETPORTS	1/2"NPT(F)

AF -SPECIFICATIONS

Service	: Air /Natural gas
Max.Inlet Pressure	: 18Kg/Sq.cm(250psi)
End Connections	: 1 Inlet,1 Outlet (Pressure gauge port on request)
End Connection Size	: Screwed (Refer Table)
Ambient Temperature	: 100° C
MOC of Air Filter	: Diecast Aluminium
Filter	: Sintered Bronze/ Poly Propylene Plastic / SS316
Drain Valve	: Brass
Bowl Capacity	: 130cc
Gasket	: Neoprene/EPDM
Mounting	: Surface or Panel
Models	: Refer table

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