

EFFICIENT BAG FILTERS



ASAD BF/01-05

BAG FILTER housings are made in many sizes, materials and all can serve as basket strainers (for particle retention down to 74 micron size) or as bag filters (for particle retention down to 5 micron size). In all cases, covers are easily removed and the basket or bag is easily cleaned or replaced. Unfiltered liquid enters the housing above the bag or basket and passes down through them. Solids are contained inside the bag or basket where they're easily and completely removed when the unit is in service. A hinged basket bail is pushed down by the closed cover to hold the basket against a positive stop in the housing. It helps prevent bypassing of unfiltered liquid. Fluid bypass around the basket is prevented by an additional O Ring seal between the basket rim and the housing ID. The filter bag seals against the housing itself, rather than against the ID of the basket rim. A single cover gasket is used to seal the opening, and covers can be installed and removed without heavy tools.

FEATURES

- ◆ Economical Filtering Process.
- ◆ High efficiency operation.
- ◆ Bag Filters with sanitary construction, different outlet connections, higher pressure rating, extra-length legs and heat jacketing options are also available on request.
- ◆ Large-area, heavy-duty baskets.
- ◆ Low pressure drops with new bags in use
- ◆ Housings are permanently piped
- ◆ Covers are O. ring sealed
- ◆ PVC, Carbon steel, or stainless steel (304 or 316) housings
- ◆ Bag Material Polyester Felt
- ◆ Increase in pressure drop indicates particulate accommodation.

SPECIFICATIONS

- ◆ Flow Rate Max: 5, 15, 25, 50, 75 M3/Hour
- ◆ Housing Material/Make PVC / M.S. / S.S. 304 and 316, local
- ◆ Size IN/OUT 1", 1 1/2", 2", 3"
- ◆ Basket Material /Make PVC / S.S. 304 and 316, E.C./China
- ◆ Bag Material Polyester Felt
- ◆ Bag Size 7" x 32", other sizes are optional on request

FILTER BAGS

All our Filter Bags have metal retaining rings at there openings. Standard ring material is cadmium – plated carbon steel, with 316 stainless steel optional. Heavy duty handles, seen to the reinforced bag lip are a standard feature. They make bag removal faster and easier.

BAG FILTER

We can supply Bag Filters for any capacity according to your requirements. However our regular models are as follows:-

MODEL	FLOW(M ³ /HR)	IN/OUT SIZE(INCH)	No. of Housings
ASAD BF-01	5	1	Single
ASAD BF-02	15	1.5	Single
ASAD BF-03	25	2	Single
ASAD BF-04	50	3	Multiple
ASAD BF-05	75	4	Multiple

Note:- Higher Flow rates are also available on request and can be achieved by adding more housing in parallel.



FAIZ ENTERPRISES

YOUR WATER TREATMENT CONSULTANTS

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AUTOMATIC WATER FILTERS



ASAD 01-10

Filtration technology is as much an art as it is a science and will always remain at development stage. Even in the presence of newer types of filters media, sand filter remain an industry standard for removing dense turbidity and sediment. Removing sand from water is best accomplished with sand filter. Activated carbon filters are widely used to remove both chlorine and organics from water. Removal of chlorine improves the taste and odour of drinking water and prolongs the life of water service equipment that is affected by the oxidising properties of chlorine. Removal of organics will also improve the taste and odour of drinking water.

Sand Filters / Activated Carbon Filters

The complete range of ASAD water filters is the result of many years experience and development of water treatment plant. These filters represent the most advanced technology and clearly reflect the depth of the company's engineering expertise. Supplied in ten sizes, the units give output from 1.5 m³/hr to a maximum of 60 M³/hr. Automatic operation allows these filters to be used in a variety of industrial applications. The filters remove suspended matter, turbidity, dirt and rust, colour and odour from drinking water, feedwater for boilers, heating systems, hospital supplies and industrial processes requiring high quality water. Plant incorporates a robust, corrosion resistant design with a three cycle automatic control valve and a fibre glass reinforced or M.S. Epoxy painted pressure vessels. Initiation of the backwash cycle is controlled by timeclock, differential pressure or external (remote) signal.

Plant Type	Max. Filtered Water flow M ³ /hr	Max. Working Pressure Bar	Min. Working Pressure Bar	Test Pressure Bar	Media Volume Litres	Inlet/Outlet connection
Sand Filters						
ASND SF-01	1.4	8.5	1.5	18.5	25	1"
ASND SF-02	2.8	8.5	1.5	18.5	70	1"
ASND SF-03	4.0	8.5	1.5	18.5	110	1.5"
ASND SF-04	6.0	8.5	1.5	18.5	160	1.5"
ASND SF-05	10	8.5	1.5	18.5	280	1.5"
ASND SF-06	15	5.0	1.5	8.0	400	2"
ASND SF-07	25	5.0	1.5	8.0	1200	3"
ASND SF-08	30	5.0	1.5	8.0	1700	4"
ASND SF-09	40	5.0	1.5	8.0	2000	4"
ASND SF-10	50	5.0	1.5	8.0	2500	4"
Carbon Filters						
ASND CF-01	1.4	8.5	1.5	18.5	25	1"
ASND CF-02	2.8	8.5	1.5	18.5	70	1"
ASND CF-03	5.0	8.5	1.5	18.5	110	1.5"
ASND CF-04	7.0	8.5	1.5	18.5	160	1.5"
ASND CF-05	10.0	8.5	1.5	18.5	280	1.5"
ASND CF-06	15	5.0	1.5	8.0	400	2"
ASND CF-07	25	5.0	1.5	8.0	1200	3"
ASND CF-08	30	5.0	1.5	8.0	1700	4"
ASND CF-09	40	5.0	1.5	8.0	2000	4"
ASND CF-10	50	5.0	1.5	8.0	2500	4"

APPLICATIONS

- ◆ SAND FILTER – Removes suspended matter and turbidity
- ◆ CARBON FILTER – Removes chlorine, taste, odour and soluble organics

FEATURES

- ◆ Packaged plant
- ◆ Fully automatic option available
- ◆ Cleaning initiated by time clock, electrical pulse, or manual over-ride
- ◆ Simple robust construction
- ◆ Designed for ease of service and maintenance
- ◆ High velocity back wash



SPECIFICATIONS

- ◆ Low installation time and costs
- ◆ Less operator involvement
- ◆ Operation flexibility to suit requirements
- ◆ High reliability



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