



AAL UPVC Bag Filter Housing

Model — UPVC Bag Filter Housing

AAL BF 1 — A

1

2

3

4

1.AAL: Company	2.Bag Filter Housing
3. 1 : #1 Bag Filter, 2 : #2 Bag Filter	
4. A : Type A B : Type B C : Type C	



Wrench for A Series Top Cover



Special Wrench



AAL UPVC Bag Filter Housing

AAL UPVC Bag Filter Housing is a new type of filtration system featuring high filtration precision, large flow capacity, and easy operation and maintenance.

It is widely used in wastewater treatment, reclaimed water reuse, acid and alkaline liquid filtration, agricultural irrigation, swimming pools, and other applications.



Wrench for A Series Top Cover

Specifications

Model	AALBF1A	AALBF2A	AALBF1B	AALBF2B
Material	UPVC			
Housing Size mm	Q225-H805	Q225-H1190	Q225-H820	Q225-H1200
Bag pcs	1 pcs			
Bag Size	Ø7"(178mm)-H17"(419mm)	Ø7"(178mm)-H32"(813mm)	Ø7"(178mm)-H17"(419mm)	Ø7"(178mm)-H32"(813mm)
Inlet Height L	650mm	1035mm	685mm	1065mm
In-outlet	FLG : DN50 / ANSI 2"			
Max pressure	Type A : 0.4Mpa		Type B : 0.7Mpa	
Reference Flow m ³ /h	10-15	15-20	10-15	15-20

Note:

The housing contains one filter bag of various materials and filtration ratings.

Maximum operating temperature: 45°C.

The thread size for the air vent and pressure gauge ports is G1/4".

If a metric pressure gauge is required, please order with an adapter.

If a PP diaphragm pressure gauge is needed, please specify when placing the order.



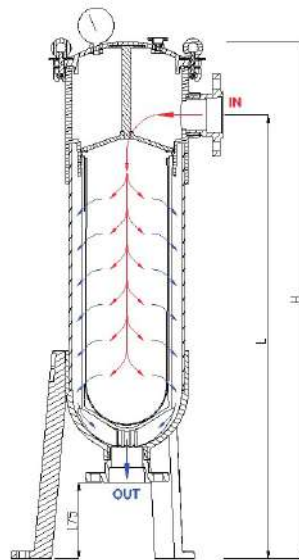
AAL UPVC Bag Filter Housing

Working Principle

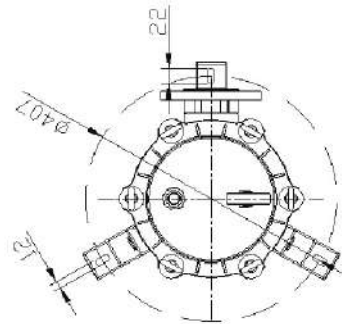
The liquid to be filtered enters through the inlet, flows from the inside to the outside of the filter bag, and then exits through the outlet at the bottom of the housing into the designated container.

Suspended particles and impurities are trapped inside the filter bag, ensuring that downstream liquid remains uncontaminated during bag replacement.

After replacing the filter bag, the system can resume operation immediately.



Flow Diagram



Pedestal Location

Features

1. Excellent Corrosion Resistance

Made of UPVC material, the housing provides outstanding resistance to corrosion, making it suitable for a wide range of chemical and industrial applications.

2. Secure Locking Seal Design

Equipped with a unique pressure plate and buckle-type sealing mechanism, ensuring the system operates safely and reliably under pressure.

3. Innovative Filtration Structure

Special design prevents the filter bag from collapsing into the basket, guaranteeing 100% leak-free performance.

4. Compact and Aesthetic Design

The housing features a compact structure, attractive appearance, easy installation and operation, and minimal footprint.

5. High Filtration Precision

Offers a wide filtration range from 0.5 to 200 microns, meeting various process requirements.

6. High Flow Capacity and Dirt-Holding Efficiency

Provides a large flow rate per filtration area, excellent dirt-holding capacity, and high filtration efficiency.

7. Cost-Effective Alternative

Compared with imported bag filter housings, AAL's UPVC model offers a significant price advantage while maintaining comparable performance.



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Specifications

Model	AALBF1C	AALBF2C
Material	UPVC	
Housing Size L	740mm	1054mm
Housing Size L1	516mm	830mm
Bag pcs	1 pcs	
Bag Size	180*430mm	180*810mm
In-outlet	DN80 Couplings	
Max pressure	Type C : 0.7Mpa	
Reference Flow m ³ /h	10-15	15-20

Note:

The housing contains one filter bag of various materials and filtration ratings.

Maximum operating temperature: 45°C.

The thread size for the air vent and pressure gauge ports is G1/4".

If a metric pressure gauge is required, please order with an adapter.

If a PP diaphragm pressure gauge is needed, please specify when placing the order.



AAL UPVC Bag Filter Housing

Features

1. Excellent Corrosion Resistance

Made of UPVC material, the housing provides outstanding resistance to corrosion, making it suitable for a wide range of chemical and industrial applications.

2. Flexible Installation Options

The filtration system supports both vertical and horizontal installation to save space and suit various system layouts.

3. Enhanced Sealing Performance

Designed with double-sided V-shaped rubber rings for superior sealing, ensuring easy filter bag replacement and effectively preventing leakage.

4. High Filtration Precision

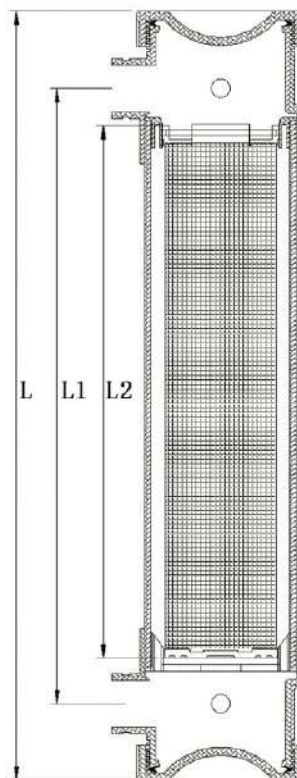
Offers a wide filtration range from 0.5 to 200 microns, meeting diverse process requirements and water quality standards.

5. High Flow Capacity and Dirt-Holding Efficiency

Delivers greater flow per filtration area with excellent dirt-holding capacity and overall filtration efficiency.

6. Cost-Effective Alternative

Compared with imported bag filter housings, AAL's UPVC model provides significant cost advantages while maintaining reliable performance.





AALFilter

Helping You Solve All Filtration Challenges

Reliable Filtration | Efficient Performance

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