



**QEEHUA®**

CHEMICAL PUMP & FILTER  
WITH ACID-ALKALI RESISTANCE  
EXPERT IN R&D AND MANUFACTURING



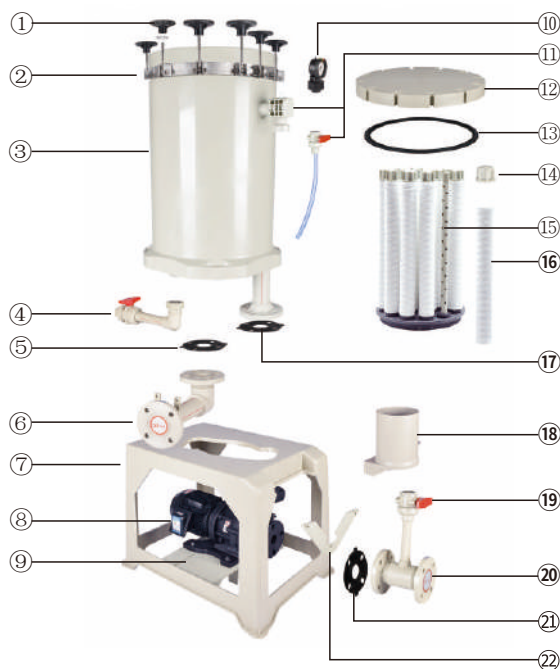
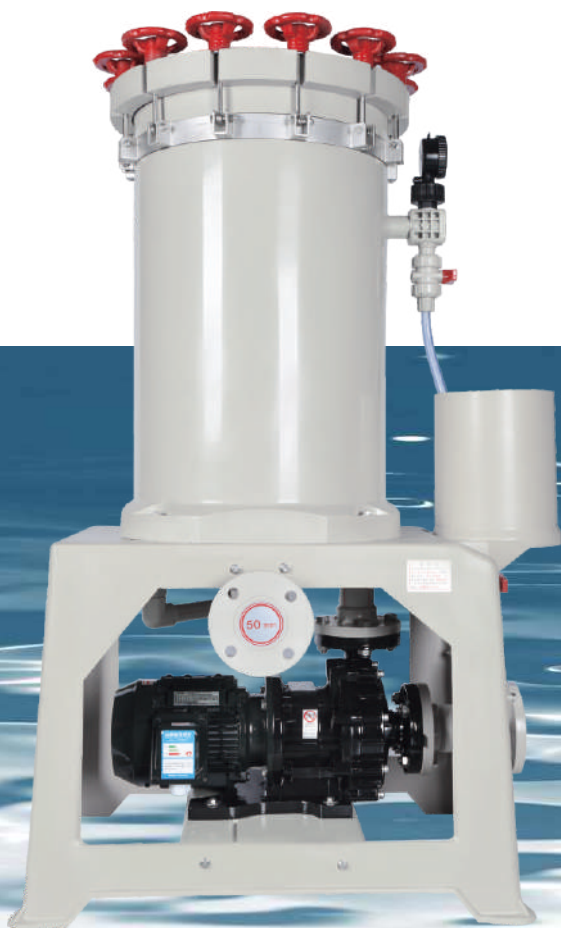
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# Precision Filter

**Model: QH**

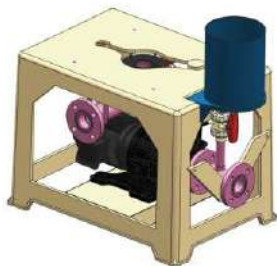
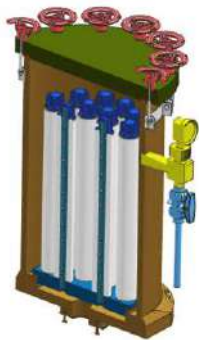
# Precision filter machine

## 【QH series】



- ① Handle of upper cover
- ② Retaining ring
- ③ Filter body
- ④ Cleaning outlet
- ⑤ Filter outlet filter
- ⑥ Outlet
- ⑦ Frame
- ⑧ Pump
- ⑨ Pump stand
- ⑩ Pressure gauge
- ⑪ Exhaust valve
- ⑫ Upper cover

- ⑬ Upper cover packing
- ⑭ Filter cartridge nut
- ⑮ Filter cartridge tube
- ⑯ Filter cartridge
- ⑰ Filter inlet packing
- ⑱ Mixing tank
- ⑲ Switch of mixing tank
- ⑳ Inlet tee
- ㉑ Inlet packing
- ㉒ V-shaped board



## Product characteristics :

1. The main body of the filter adopts PP material injection molding, which has the characteristics of high temperature resistance, acid and alkali resistance, etc.
2. Safety switch device: when the motor is overloaded or in single-phase operation, the safety switch will cut off the power supply automatically.
3. Parts are 100% interchangeable and easy to replace.
4. High precision filtration, with wide area, high efficiency, simple operation and easy cleaning.
5. The same model can be replaced with different filter materials for use: pressure plate type, lock cap type, carambola type, filter paper type and filter bag type. It can also be equipped with self-cleaning circulation circuit and activated carbon treatment device, which is easy to operate.
6. Different filter materials can be changed according to the use conditions of customers.

## Product superiority :

1. The handle of the upper cover is injection molded by a round reinforced stainless steel screw and plastic;
2. The upper cover is made of pure PP plate with thickness of 50mm, which is resistant to high temperature, high pressure and strong acid and alkali;
3. The filter body is made of pure PP plate with thickness of 22mm by extrusion molding, which is resistant to high temperature, high pressure, strong acid and alkali;
4. The filter stand is made of FRPP material with integrated injection molding and is resistant to strong acid and alkali;
5. Multiple selection of filter materials;
6. High filtering accuracy (up to 0.5um);
7. The air discharge speed of the filter body is fast and there is no air leakage;
8. Large filtration capacity, low power and large capacity.

## 型号说明:

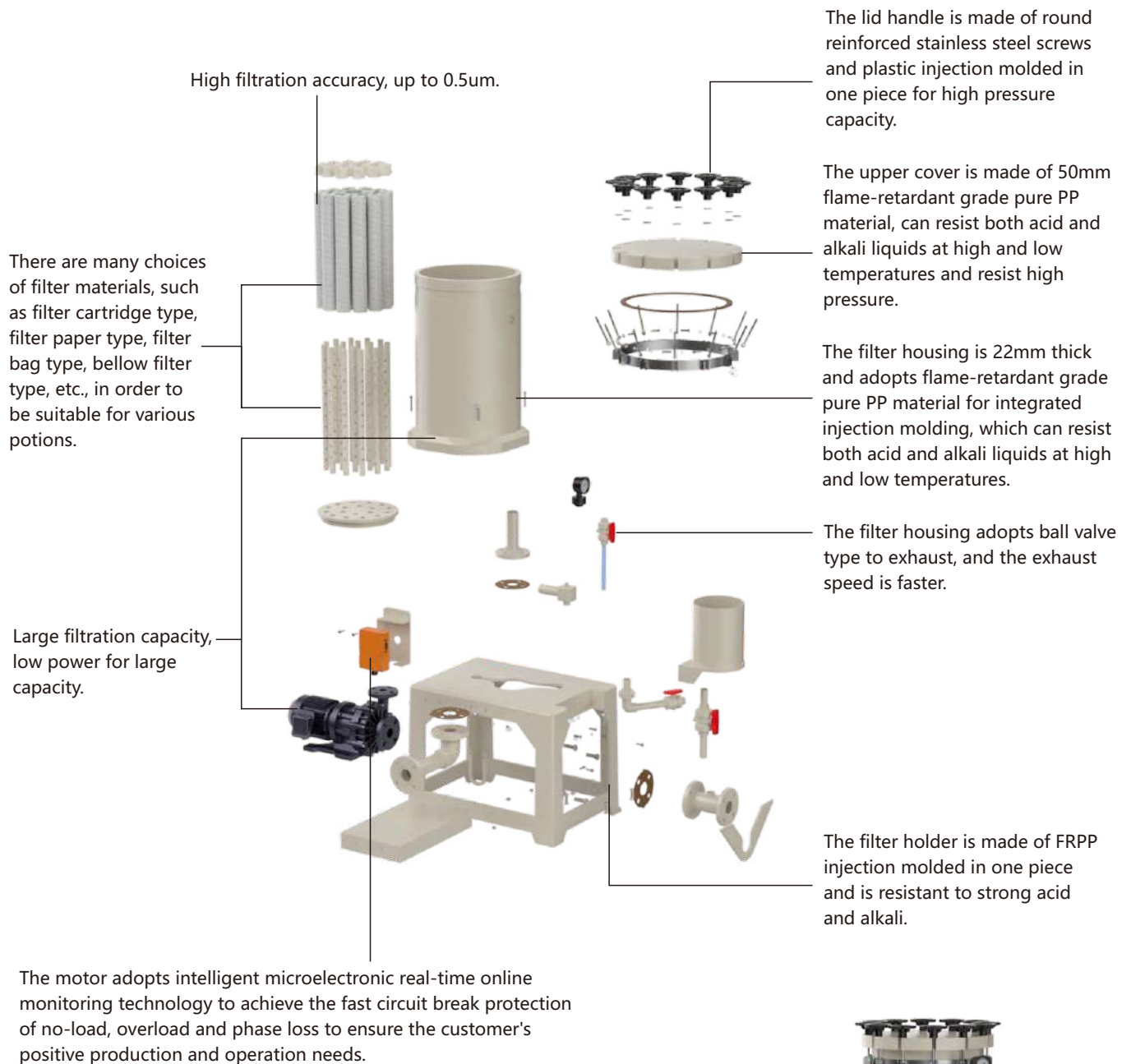
QH - 2006 - 1 - F - F - E - C - W - G - A

①      ②      ③   ④   ⑤   ⑥   ⑦   ⑧   ⑨   ⑩

- ① Model No.: QH
- ② 2006: number of filter cartridges 20" x 6 pieces; 3018: number of filter cartridges 30" x 18 pieces
- ③ Pumping horsepower: 1-1HP ; 2-2HP ; 3-3HP ; 5-5HP
- ④ Material of filter body: F-PP ; P-PVDF
- ⑤ U: Union-type inlet and outlet F: Flange-type inlet and outlet
- ⑥ O-Ring: E-EPDM, V-VITON
- ⑦ C: pressure plate type; B: lock cap type; K: carambola type; P: paper filter type; U: bag filter type
- ⑧ W: installation of activated carbon device  
O: non-installation of activated carbon device
- ⑨ G: the inlet and outlet are national standards; J: the inlet and outlet are Japanese standards
- ⑩ A: magnetic pump; B: self-priming pump



# Chemical filters performance advantage exploded view



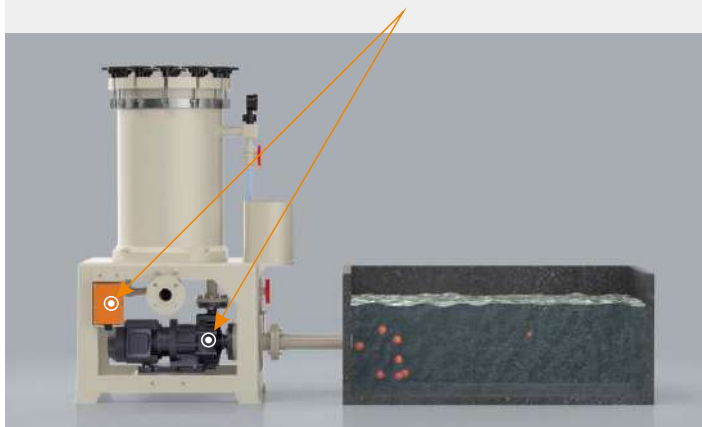




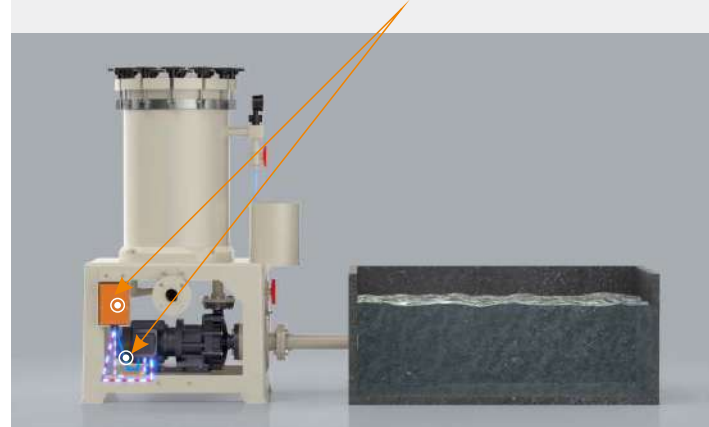
The chemical filters is equipped with a microelectronic protector, and adopts intelligent microelectronic real-time online monitoring technology to achieve fast circuit breaking protection of liquid shortage and no load.



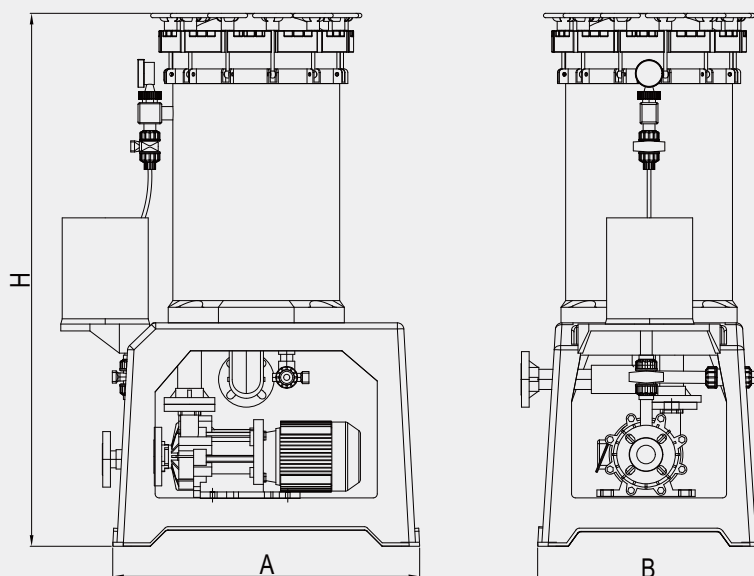
The chemical filters is equipped with a microelectronic protector, using intelligent microelectronic real-time online monitoring technology, when the pump sucks debris, it realizes overload fast circuit breaking protection.



The chemical filters is equipped with a microelectronic protector, using intelligent microelectronic real-time online monitoring technology, when the pump is phase loss, to achieve Fast circuit breaking protection.



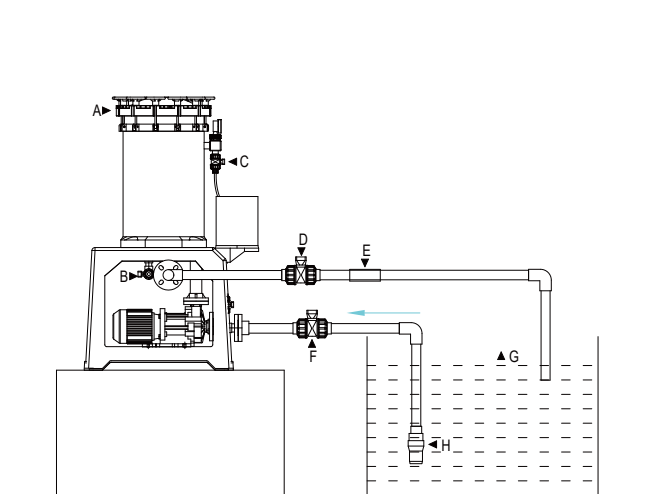
## Size specification



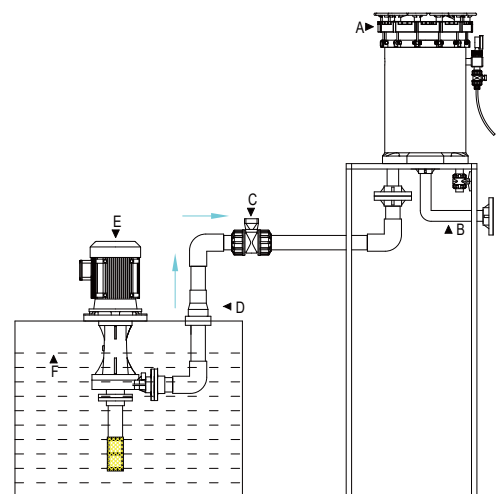
Item / model		QH-1001	QH-2001	QH-2004	QH-2006-1	QH-2008-1
Electroplating tank (t)		0.2	0.4	0.8	1-2	1-2
Filtration capacity (L/min)		15	30	80	150	180
Material of filter body		PP	PP	PP	PP	PP
Number of filter cartridge (size * quantity)		10 "x1	20 "x1	20 "x4	20 "x6	20 "x8
Practical temperature (0℃) below		70	70	70	70	70
Horsepower		45W	65W	260W	0.75KW	0.75KW
Frame size (mm)	Length (A)	520	520	620	760	760
	Width (B)	310	310	385	450	450
Total height (mm)		790	1015	1080	1420	1420
Body weight (KG)		16	18	31	75	82
Outlet and inlet diameter		3/4 "	3/4 "	1 "	1-1/2 "	1-1/2 "

Item / model		QH-2008-2	QH-2012-2	QH-2018-3	QH-3018-5
Electroplating tank (t)		1.5-3	2.5-4	4-6.5	6.5-7.5
Filtration capacity (L/min)		220	250	330	500
Material of filter body		PP	PP	PP	PP
Number of filter cartridge (size * quantity)		20 "x8	20 "x12	20 "x18	30 "x18
Practical temperature (0℃) below		70	70	70	70
Horsepower		1.5KW	1.5KW	2.2KW	3.75KW
Frame size (mm)	Length (A)	760	800	800	800
	Width (B)	450	580	580	580
Total height (mm)		1420	1420	1420	1760
Body weight (KG)		86	118	118	128
Outlet and inlet diameter		1-1/2 "	1.5 "	2 "	2 "

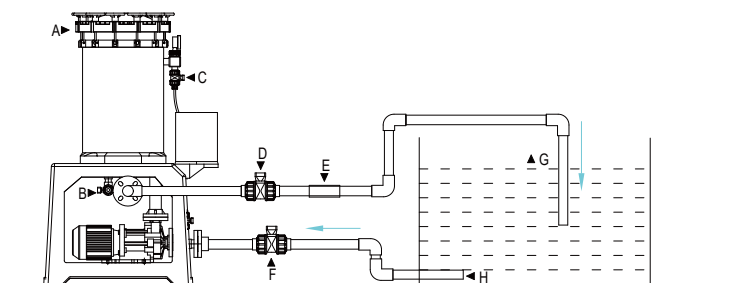
## Installation diagram



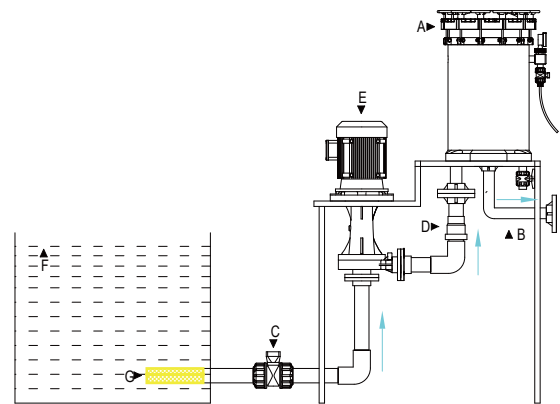
- |                                 |                                |
|---------------------------------|--------------------------------|
| A. Filter                       | E. Visual stream               |
| B. Cleaning discharge           | F. Inlet dual-union ball valve |
| C. Exhaust valve                | G. Highest wave surface        |
| D. Outlet dual-union ball valve | H. Bottom valve                |



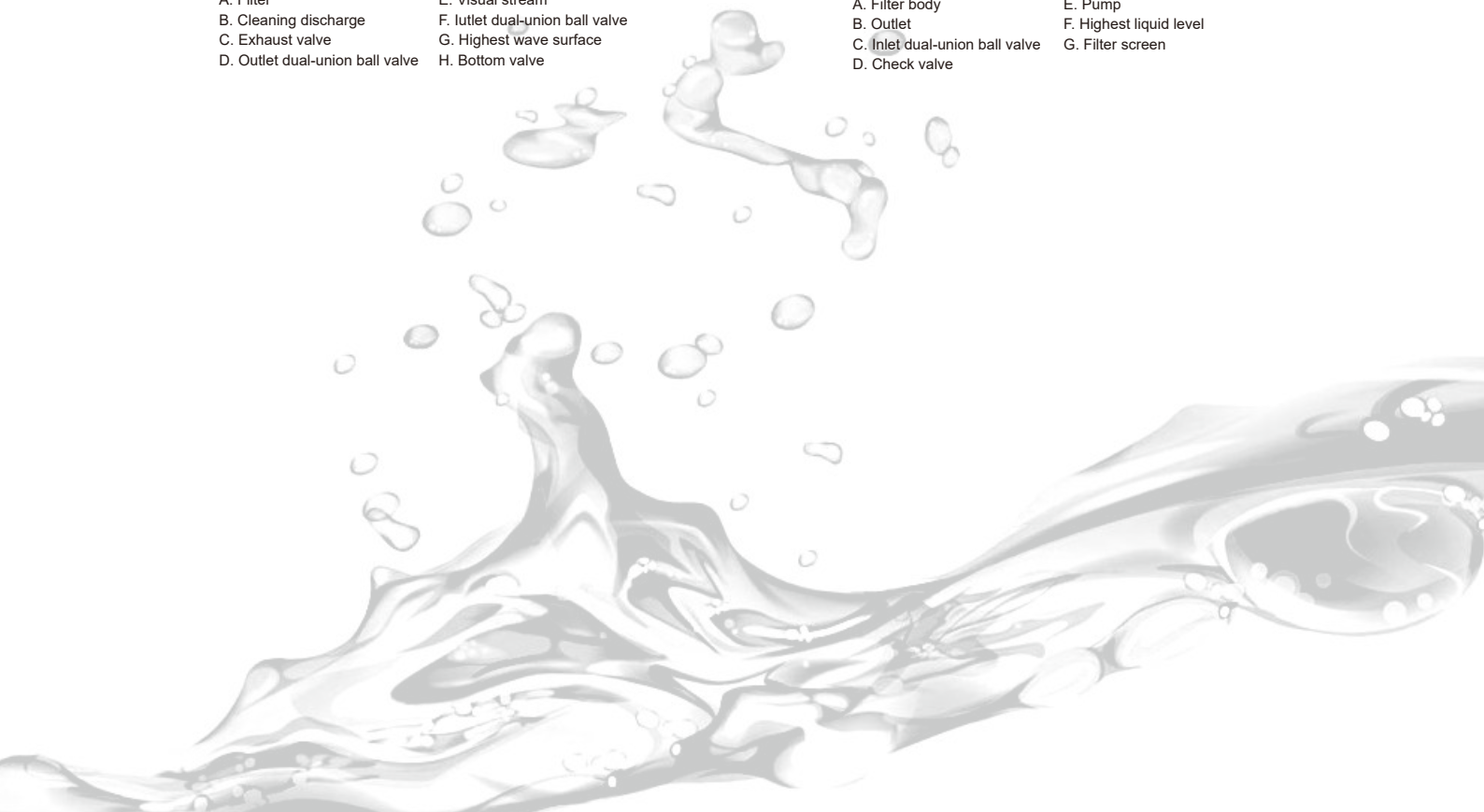
- |                                |                         |
|--------------------------------|-------------------------|
| A. Filter body                 | E. Pump                 |
| B. Outlet                      | F. Highest liquid level |
| C. Inlet dual-union ball valve | G. Filter screen        |
| D. Check valve                 |                         |



- |                                 |                                |
|---------------------------------|--------------------------------|
| A. Filter                       | E. Visual stream               |
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| C. Exhaust valve                | G. Highest wave surface        |
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- |                                |                         |
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| C. Inlet dual-union ball valve | G. Filter screen        |
| D. Check valve                 |                         |





## Precision Filter QH

### 1. High cost performance:

Independent production, stable quality and controllable cost.

### 2. Excellent product performance:

Corrosion resistance, idling resistance, no leakage, low noise, high efficiency, surface corrosion resistance, durable.

### 3. Advanced product technology:

Cooperate with colleges and universities to carry out production, learning and research activities, master cutting-edge technology, and constantly make breakthroughs in the direction of low energy consumption and high efficiency. At present, the unique technology includes: 4P motor magnetic pump addresses the problem of rapid temperature rise of liquid medicine, and intelligent monitoring addresses the problem of idling.

### 4. Continuous upgrading of materials:

Imported CFRETFE material is resistant to strong acid, strong alkali and high temperature.

### 5. Rich product categories:

It can be upgraded to replace all kinds of old equipment.

### 6. Strong qualification:

Patented technology, CE, SGS quality certification of European Union, government designated supplier