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2026.08.13

QEEHUA®

QH Series
Precision Chemical Filter

GUANGDONG QEEHUA INDUSTRY EQUIPMENT CO., LTD.

中国泵 企华梦

Chinese Pump,
Qeehua Dream

15 Years of Application Experience • Full-Process Corrosion-Resistant Pump Solutions

Fifteen years ago, Qeehua started with non-metallic magnetic pumps

Widely praised by customers for its exquisite manufacturing technology and technical capabilities

Qeehua has since entered the factories of thousands of enterprises

Creating efficient corrosion-resistant pump solutions for multiple industries

With excellent corrosion resistance and a wide range of applications

Professional sales network and fast-response technical support services

Qeehua is accelerating its leading position in the segmented market

Our Company Mission

Let the world love
with Chinese pumps

Our Company Vision

To be an expert
in the chemical pump
industry and a model
of corporate happiness

Our Core Values

Dedication, Agility, Integrity,
Harmony, Gratitude, Win-Win

Our Family Culture

Co-construction,
Co-responsibility,
Sharing,
Co-prosperity

Special Corrosion-Resistant Pumps &
Filtration Equipment for PCB Circuit Boards
CHOOSE QEEHUA, REST ASSURED

High and low temperature acid & alkali sharing

The filtering accuracy is as high as 0.1um

Wide filtration range
The filtration capacity is as high as 1000L/min

Precision filter
Suitable for filtration of various chemical liquids

Suitable for filtering acidic, alkaline and corrosive chemical liquids Precision Chemical Filter

Various filter media options
for diverse applications.
High flow capacity
with energy-efficient operation.

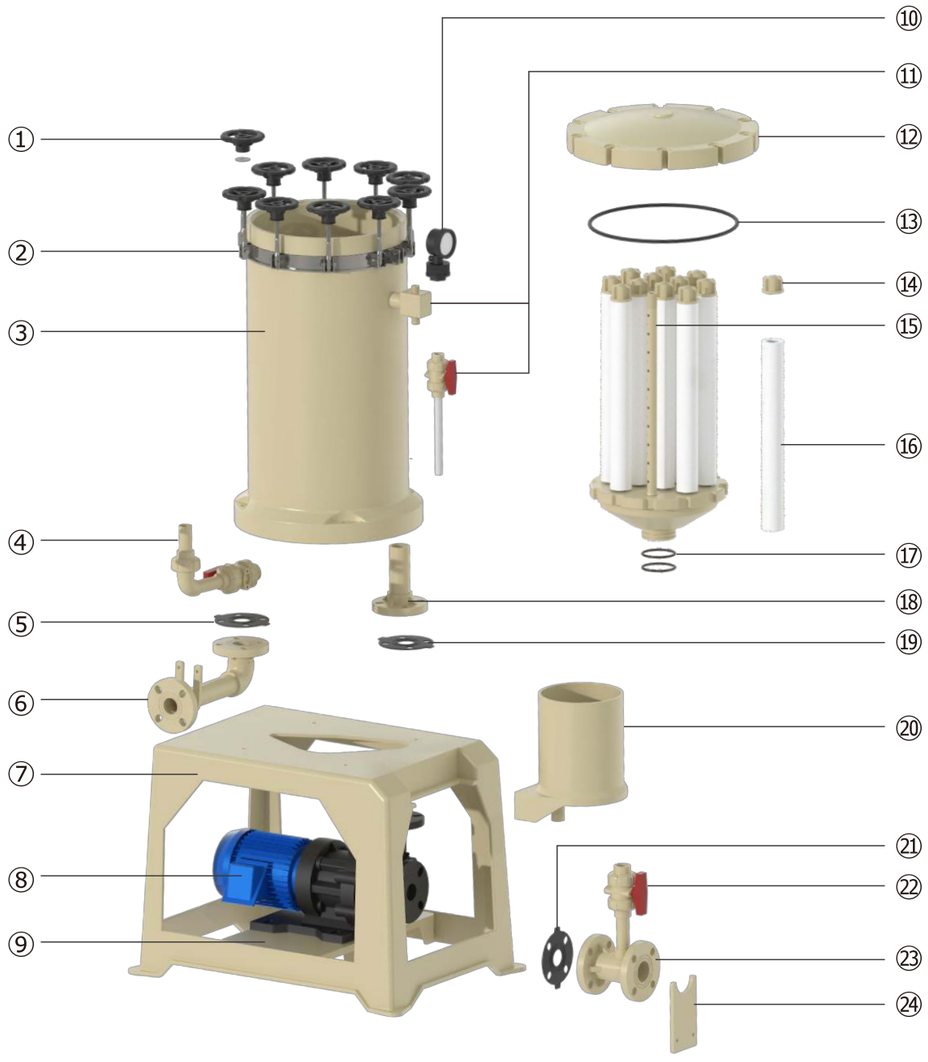
QEEHUA PUMP

Model

50Hz 60Hz

Main Material	Model	Cartridge Filtration Capacity (L/min) 25 50 75 100 125 150 175 200 225 250 275 300 325 350 375 400 425 450 475 500 550 600 650 700 750 800 900	Specific Gravity Range
PPH/PVDF/CPVC/UPVC	QH-1001	26 / 25	<1.2
	QH-1002	28 / 28	
	QH-1004	52 / 60	
	QH-2001	25 / 27	
	QH-2002	58 / 58	
	QH-2004	65 / 81	
	QH-2006-½	203 / 203	
	QH-2006-1	250 / 250	
	QH-2008-1	258 / 258	
	QH-2008-2	336 / 336	
	QH-2012-2	418 / 403	
	QH-2012-3	490 / 491	
	QH-3018-5	658 / 655	

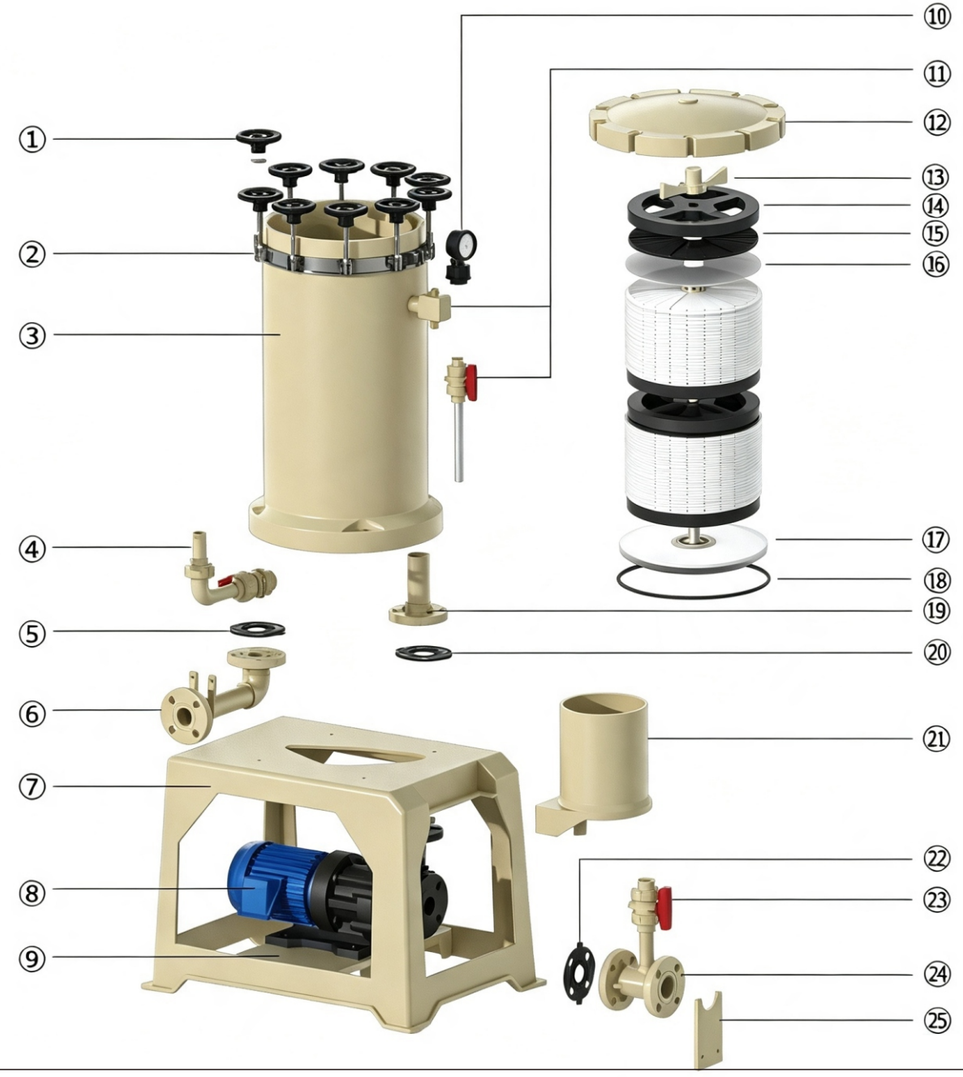
Exploded View (Cartridge)



① Top Cover Handle	⑦ Filter Base	⑬ O-Ring	⑲ Filter Inlet Gasket
② SUS Clamp	⑧ Pump	⑭ Lock Cap	⑳ Slurry tank
③ Filter Housing	⑨ Pump Base	⑮ Cartridge Tube	㉑ Pump Inlet Gasket
④ Drain Valve	⑩ Pressure Gauge	* ⑯ Cartridge	㉒ Mixing Tank Switch
⑤ Filter Outlet Gasket	⑪ Air Vent Valve	⑰ Sealing O-Ring	㉓ Pump Inlet Tee
⑥ Outlet	⑫ Top Cover	⑱ Filter Inlet	㉔ U-shaped Plate

Note: Items marked with "*" are consumable parts.

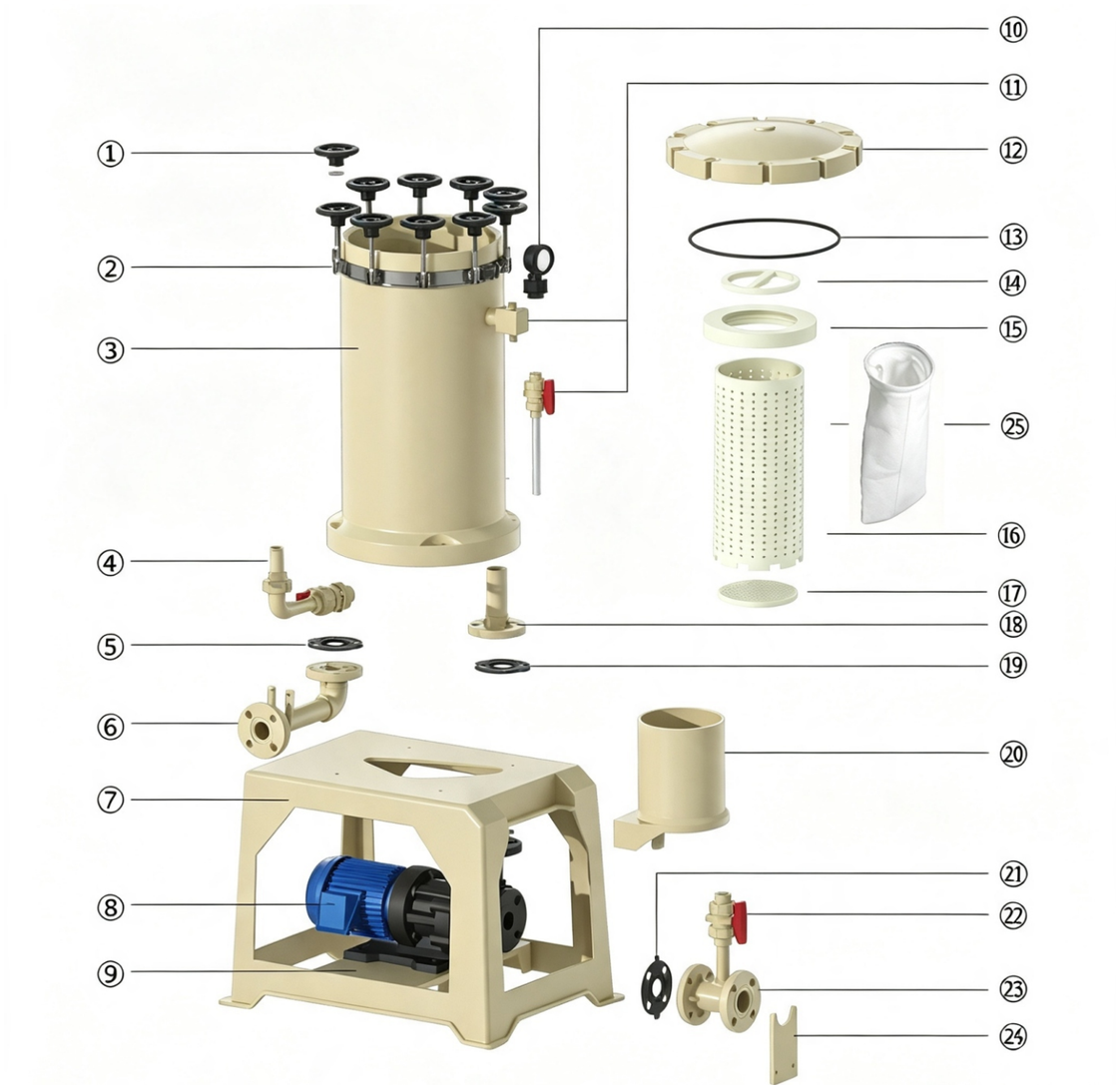
Exploded View (Paper)



① Top Cover Handle	⑧ Pump	⑭ Clamping Plate	⑳ Filter Inlet Gasket
② SUS Clamp	⑨ Pump Base	⑮ Filter Disc	㉑ Mixing Tank
③ Filter Housing	⑩ Pressure Gauge	* ⑯ Paper	㉒ Pump Inlet Gasket
④ Drain Valve	⑪ Air Vent Valve	⑰ Support Plate	㉓ Mixing Tank Switch
⑤ Filter Outlet Gasket	⑫ Top Cover	⑱ O-Ring	㉔ Pump Inlet Tee
⑥ Filter Outlet	⑬ Handle	⑲ Filter Inlet	㉕ U-shaped Plate
⑦ Filter Base			

Note: Items marked with "*" are consumable parts.

Exploded View (Bag)



① Top Cover Handle	⑦ Filter Base	⑬ O-Ring	⑲ Filter Inlet Gasket
② SUS Clamp	⑧ Pump	⑭ Handle	⑳ Mixing Tank
③ Filter Housing	⑨ Pump Base	⑮ Positioning Sleeve	㉑ Pump Inlet Gasket
④ Drain Valve	⑩ Pressure Gauge	⑯ Inner Barrel	㉒ Mixing Tank Switch
⑤ Filter Outlet Gasket	⑪ Air Vent Valve	⑰ Strainer	㉓ Pump Inlet Tee
⑥ Filter Outlet	⑫ Top Cover	⑱ Filter Inlet	㉔ Filter Bag

I QH 1/15HP-5HP Precision Chemical Filter

Product Feature

· The main body of the filter is integrally injection-molded with pure PPH material.

· The thickness of the thick chamber is 22mm, which is resistant to high temperature, strong acid & alkali, and pressure 50mm thick pure PPH plate cover can be used, high temperature resistance, strong acid and alkali resistance, pressure resistance.

· A variety of filtration way can be selected to meet the needs of variousworking conditions, and the filtration accuracy can reach 0.5 um,ensuring high-precision filtration of chemical liquid.The filter housing has a fast air discharge speed, no air leakage, largefiltration capacity, and low power to achieve large flow.

Model Description

QH - 2006 - 1 - F - F - E - B - O - J - A - Z - S
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫

① Model No.: QH

② Cartridge: 1001-10" x 1 pcs; 1002-10" x 2pcs; 1004-10" x 4 pcs; 2001-20" x 1 pcs; 2002-20" x 2 pcs; 2004-20" x 4 pcs; 2006-20" x 6 pcs; 2008-20" x 8 pcs; 2012-20" x 12 pcs; 2018-20" x 18 pcs; 3018-30" x 18pcs

③ Power: 0.45-45 W; 0.65-65 W; 180-180 W; 260-260 W; 1/2- 1/2 HP; 1- 1 HP; 2-2HP; 3-3 HP; 5-5 HP; 7.5-7.5 HP

④ Materials of filter housing: F-PPH; P-PVDF; C-CPVC; U-UPVC

⑤ In/Outlet type: U-Union; F-Flange

⑥ Sealing Material: E-EPDM; V-FKM

⑦ Filter Material Form: C-Cartridge With Pressing Plate; B-Cartridge With Lock Cap; P-Disc Paper Type; U-Bag Type

⑧ Activated carbon device: W-Installation; O- No Installation

⑨ Inlet/Outlet standard: G-GB standard; J-JIN standard

⑩ Pump type: A-Magnetic pump; B-Self-priming pump

⑪ Top cover type: Z- Injection cover; S- Plate cover

⑫ S-Standard；N-Non-Standard

Product Specification List (with Magnetic Pump)

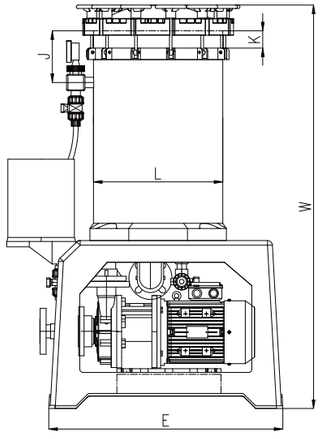
Item/Model		QH-1001		QH-1002		QH-1004		QH-2001		QH-2002		QH-2004		QH-2006-1/2	
Frequency		50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz
Suitable For Tank (tons)		0.2	0.2	0.4	0.4	0.6	0.6	0.4	0.4	0.6	0.6	0.8	0.8	1-2	1-2
Filtration Capacity	Cartridge (m^3/h)	1.6	1.8	1.7	1.7	3.1	3.6	1.5	1.6	3.5	3.5	3.9	4.9	12.2	12.2
	Paper (m^3/h)	/	/	/	/	/	/	/	/	/	/	/	/	11.2	10.7
	Bag (m^3/h)	1.3	1.5	1.6	1.7	3.3	3.3	1.3	1.6	3.4	3.3	4.3	4.7	11.5	11.0
Filter Media Size	Cartridge (inch x Quantity)	10" x 1	10" x 1	10" x 2	10" x 2	10" x 4	10" x 4	20" x 1	20" x 1	20" x 2	20" x 2	20" x 4	20" x 4	20" x 6	20" x 6
	Paper (mm x Quantity)	/	/	/	/	/	/	/	/	/	/	/	/	Ø230 x 36	Ø230 x 36
	Bag (mm)	Ø85 x 220	Ø85 x 220	Ø108 x 220	Ø108 x 220	Ø108 x 220	Ø108 x 220	Ø85 x 380	Ø85 x 380	Ø108 x 380	Ø108 x 380	Ø108 x 380	Ø108 x 380	Ø220 x 420	Ø220 x 420
Filtration Area	Cartridge (m^2)	0.125	0.125	0.25	0.25	0.5	0.5	0.25	0.25	0.5	0.5	1	1	1.5	1.5
	Paper (m^2)	/	/	/	/	/	/	/	/	/	/	/	/	1.5	1.5
	Bag (m^2)	0.06	0.06	0.08	0.08	0.08	0.08	0.1	0.1	0.13	0.13	0.13	0.13	0.33	0.33
Applicable Temperature (℃)		0-70	0-70	0-70	0-70	0-70	0-70	0-70	0-70	0-70	0-70	0-70	0-70	0-70	0-70
Pump Power		45 W	45 W	65 W	65 W	180 W	180 W	65 W	65 W	180 W	180 W	260 W	260 W	0.37 kW	0.37 kW
Frame Size	Length (mm)	515	515	610	610	610	610	515	515	610	610	610	610	758	758
	Width (mm)	312	312	383	383	383	383	312	312	383	383	383	383	447	447
Total Height (mm)		818	818	928	928	928	928	1011	1011	1110	1110	1110	1110	1440	1440
Cartridge	Body Weight (kg)	13	13	19	19	19	19	15	15	23	23	23	23	49	49
Paper		/	/	/	/	/	/	/	/	/	/	/	/	54	54
Bag		13.3	13.3	18.1	18.1	21.4	21.4	16.3	16.3	23.1	23.1	24.5	24.5	48.8	48.8
Inlet and Outlet Caliber (DN)		20/20	20/20	20/20	20/20	25/25	25/25	20/20	20/20	25/25	25/25	25/25	25/25	40/40	40/40
Pump Model		MD-203		MD-204		MD-257 (Close-Coupled)		MD-204		MD-257 (Close-Coupled)		MD-258 (Close-Coupled)		QHX-440	

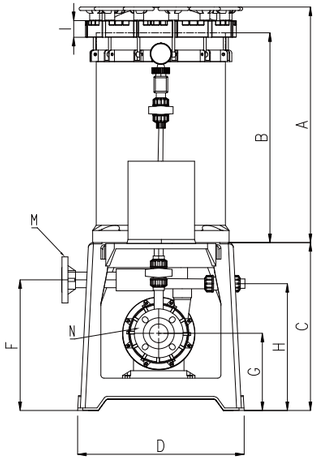
Table Continued:

Item/Model		QH-2006-1		QH-2008-1		QH-2008-2		QH-2012-2		QH-2018-3		QH-3018-5	
Frequency		50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz
Suitable For Tank (tons)		1-2	1-2	1-2	1-2	1.5-3	1.5-3	2.5-4	2.5-4	4-6.5	4-6.5	6.5-7.5	6.5-7.5
Filtration Capacity	Cartridge (m^3/h)	15	15	15.5	15.5	20.2	20.2	25.1	24.2	31.4	29.5	39.5	39.3
	Paper (m^3/h)	14	14	14.1	14.0	17.6	19.1	22.6	22.6	27.3	27.2	32.4	34.2
	Bag (m^3/h)	15	14	13.1	14.4	18.0	17.8	22.8	23.4	26.5	26.6	32.4	32.6
Filter Media Size	Cartridge (inch x Quantity)	20" x 6	20" x 6	20" x 8	20" x 8	20" x 8	20" x 8	20" x 12	20" x 12	20" x 18	20" x 18	30" x 18	30" x 18
	Paper (mm x Quantity)	Ø230 x 36	Ø230 x 36	Ø230 x 36	Ø230 x 36	Ø230 x 36	Ø230 x 36	Ø300 x 36	Ø300 x 36	Ø370 x 36	Ø370 x 36	Ø370 x 44	Ø370 x 44
	Bag (mm)	Ø220 x 420	Ø220 x 420	Ø220 x 420	Ø220 x 420	Ø220 x 420	Ø220 x 420	Ø270 x 420	Ø270 x 420	Ø270 x 420	Ø270 x 420	Ø270 x 700	Ø270 x 700
Filtration Area	Cartridge (m^2)	1.5	1.5	2	2	2	2	3	3	4.5	4.5	6.75	6.75
	Paper (m^2)	1.5	1.5	1.5	1.5	1.5	1.5	2.5	2.5	3.9	3.9	4.7	4.7
	Bag (m^2)	0.33	0.33	0.33	0.33	0.33	0.33	0.42	0.42	0.42	0.42	0.64	0.64
Applicable Temperature (℃)		0-70	0-70	0-70	0-70	0-70	0-70	0-70	0-70	0-70	0-70	0-70	0-70
Pump Power		0.75 kW	0.75 kW	0.75 kW	0.75 kW	1.5 kW	1.5 kW	1.5 kW	1.5 kW	2.2 kW	2.2 kW	4 kW	4 kW
Frame Size	Length (mm)	758	758	758	758	758	758	820	820	820	820	820	820
	Width (mm)	447	447	447	447	447	447	587	587	587	587	587	587
Total Height (mm)		1440	1440	1445	1445	1445	1445	1440	1440	1449	1449	1705	1705
Cartridge	Body Weight (kg)	55	55	58	58	66	66	84	84	96	96	120.0	120.0
Paper		60	60	66	66	74	74	94	94	103	103	136.6	136.6
Bag		55	55	57.7	57.7	65.3	65.3	81.9	81.9	91.7	91.7	116.3	116.3
Inlet and Outlet Caliber (DN)		40/40	40/40	40/40	40/40	50/40	50/40	50/50	50/50	50/50	50/50	65/50	65/50
Pump Model		QHX-441		QHX-441		QHX-542		QHX-552		QHX-553		QHX-655	

· Test Basis: The above performance data corresponds to clean water transported at normal speed at 25℃. The performance error is ±5%. The performance of the pump changes wth the specfic gravity and temperature of the conveyed fluid medium.
· It's recommended that the actual operating conditions be within ±20% of the rated flow and rated head. Exceeding ±20% prone to cavitation, which will damage the pump. The above factory test data are for reference only.
· Filtration - Cartridge: 5um - Paper: 5um - Bag: 5um

Size Drawing（with Magnetic Pump）





Unit: mm

Model	W	A	B	C	D	D	E	F	G	H
QH-1001/MD-203	818	527	460	291	312	312	515	210	103	/
QH-1002/MD-204	928	580	520	330	383	383	610	235	101	225
QH-1004/MD-257 (Close-Coupled)	928	580	520	330	383	383	610	227	103	225
QH-2001/MD-204	1011	720	654	291	312	312	515	210	103	/
QH-2002/MD-257 (Close-Coupled)	1110	780	710	330	383	383	610	227	103	225
QH-2004/MD-258(Close-Coupled)	1110	780	710	330	383	383	610	225	111	225
QH-2006-1/2/QHX-440	1450	865	775	585	447	447	758	470	209	442
QH-2006-1/QHX-441	1450	865	775	585	447	447	758	470	229	442
QH-2008-1/QHX-441	1450	865	775	585	447	447	758	470	229	442
QH-2008-2/QHX-542	1450	865	775	585	447	447	758	470	236	442
QH-2012-2/QHX-552	1450	865	775	585	587	587	820	470	236	442
QH-2018-3/QHX-553	1450	865	775	585	587	587	820	458	236	442
QH-3018-5/QHX-655	1705	1120	1030	585	587	587	820	458	270	442

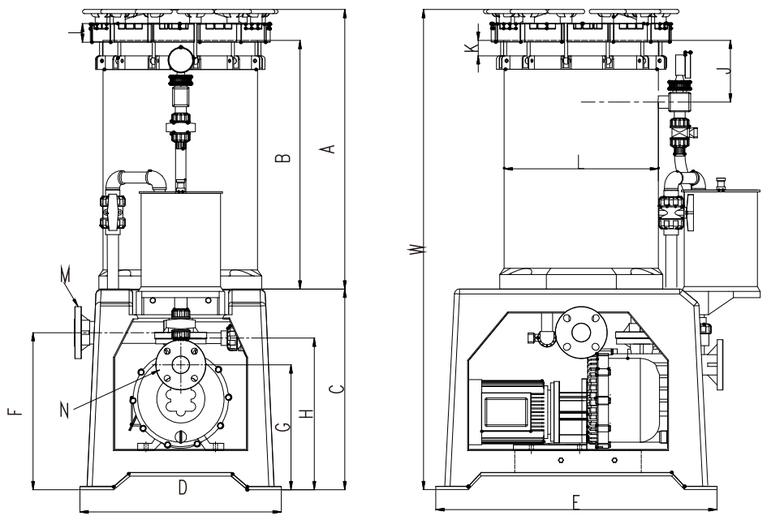
Model	I	J	K	L	M	N
QH-1001/MD-203	41	140	50	Ø140	DN20(3/4")	DN20(3/4")
QH-1002/MD-204	41	140	45	Ø200	DN20(3/4")	DN20(3/4")
QH-1004/MD-257 (Close-Coupled)	41	140	45	Ø200	DN25	DN25
QH-2001/MD-204	41	180	50	Ø140	DN20(3/4")	DN20(3/4")
QH-2002/MD-257 (Close-Coupled)	41	180	45	Ø200	DN25	DN25
QH-2004/MD-258(Close-Coupled)	41	180	45	Ø200	DN25	DN25
QH-2006-1/2/QHX-440	47.5	180	45	Ø280	1.5"	1.5"
QH-2006-1/QHX-441	47.5	180	45	Ø280	1.5"	1.5"
QH-2008-1/QHX-441	47.5	180	45	Ø315	1.5"	1.5"
QH-2008-2/QHX-542	47.5	180	45	Ø315	1.5"	2"
QH-2012-2/QHX-552	47.5	180	45	Ø400	2"	2"
QH-2018-3/QHX-553	47.5	180	45	Ø450	2"	2"
QH-3018-5/QHX-655	47.5	180	45	Ø450	2"	2.5"

Product Specification List (with Slef-Priming Pump)

Item/Model		QH-2006-1		QH-2008-1		QH-2008-2		QH-2012-3		QH-2012-5		QH-2018-3		QH-2018-5		QH-3018-5	
Frequency		50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz
Suitable For Tank (tons)		1-2	1-2	1-2	1-2	1.5-3	1.5-3	/	/	/	/	4-6.5	4-6.5	/	/	6.5-7.5	6.5-7.5
Filtration Capacity	Cartridge (m^3/h)	12	11	11.6	11.5	15.3	15.3	23.7	22.2	28.4	27.6	26.0	23.3	31	31	31.4	31.6
	Paper (m^3/h)	11	10	10.7	10.4	13.3	13.5	23.0	21.7	26.5	27.2	23.1	21.6	26	28	26.3	27.8
	Bag (m^3/h)	11	11	11.0	10.5	13.3	13.7	22.8	21.4	24.4	27.5	22.9	21.4	26.1	27.0	26.0	27.7
Filter Media Size	Cartridge (inch x Quantity)	20" x 6	20" x 6	20" x 8	20" x 8	20" x 8	20" x 8	20" x 12	20" x 12	20" x 12	20" x 12	20" x 18	20" x 18	20" x 18	20" x 18	30" x 18	30" x 18
	Paper (mm x Quantity)	Ø230 x 36	Ø230 x 36	Ø230 x 36	Ø230 x 36	Ø230 x 36	Ø230 x 36	Ø300 x 36	Ø300 x 36	Ø300 x 36	Ø300 x 36	Ø370 x 36	Ø370 x 36	Ø370 x 36	Ø370 x 36	Ø370 x 44	Ø370 x 44
	Bag (mm)	Ø220 x 420	Ø220 x 420	Ø220 x 420	Ø220 x 420	Ø220 x 420	Ø220 x 420	Ø270 x 420	Ø270 x 420	Ø270 x 420	Ø270 x 420	Ø270 x 420	Ø270 x 420	Ø270 x 420	Ø270 x 420	Ø270 x 700	Ø270 x 700
Filtration Area	Cartridge (m^2)	1.5	1.5	2	2	2	2	3	3	3	3	4.5	4.5	4.5	4.5	6.75	6.75
	Paper (m^2)	1.5	1.5	1.5	1.5	1.5	1.5	2.5	2.5	2.5	2.5	3.9	3.9	3.9	3.9	4.7	4.7
	Bag (m^2)	0.33	0.33	0.33	0.33	0.33	0.33	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.64	0.64
Applicable Temperature (℃)		0-70	0-70	0-70	0-70	0-70	0-70	0-70	0-70	0-70	0-70	0-70	0-70	0-70	0-70	0-70	0-70
Pump Power		0.75 kW	0.75 kW	0.75 kW	0.75 kW	1.5 kW	1.5 kW	1.5 kW	1.5 kW	4 kW	4 kW	2.2 kW	2.2 kW	4 kW	4 kW	4 kW	4 kW
Frame Size	Length (mm)	758	758	758	758	758	758	820	820	820	820	820	820	820	820	820	820
	Width (mm)	447	447	447	447	447	447	587	587	587	587	587	587	587	587	587	587
Total Height (mm)		1440	1440	1445	1445	1445	1445	1440	1440	1440	1440	1449	1449	1449	1449	1705	1705
Cartridge	Body Weight (kg)	57	57	60	60	66	66	84	84	97	97	93	93	105	105	113.6	113.6
Paper		62	62	68	68	73	73	94.6	94.6	107.3	107.3	100.2	100.2	112.9	112.9	129.6	129.6
Bag		57	57	59.7	59.7	64.9	64.9	82.3	82.3	95.0	95.0	88.7	88.7	101.4	101.4	109.3	109.3
Inlet and Outlet Caliber (DN)		40/40	40/40	40/40	40/40	50/40	50/40	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50	50/50
Pump Model		QHB-40012		QHB-40012		QHB-40022		QHB-40032		QHB-50052		QHB-50032		QHB-50052		QHB-50052	

· Test Basis: The above performance data corresponds to clean water transported at normal speed at 25℃. The performance error is ±5%. The performance of the pump changes wth the specfic gravity and temperature of the conveyed fluid medium.
· It's recommended that the actual operating conditions be within ±20% of the rated flow and rated head. Exceeding ±20% prone to cavitation, which will damage the pump. The above factory test data are for reference only.
· Filtration - Cartridge: 5um - Paper: 5um - Bag: 5um

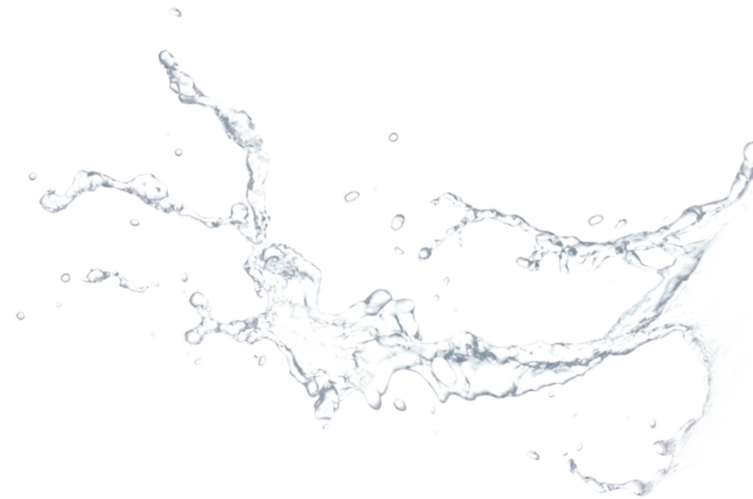
Size Drawing（with Slef-Priming Pump）



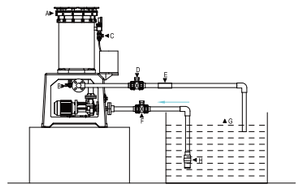
Unit: mm

Model	W	A	B	C	D	E	F	G
QH-2006-1/QHB-40012	1450	865	775	585	447	758	470	252
QH-2008-1/QHB-40012	1450	865	775	585	447	758	470	252
QH-2008-2/QHB-40022	1450	865	775	585	447	758	470	252
QH-2012-2/QHB-50032	1450	865	775	585	587	820	470	370
QH-2012-5/QHB-50052	1450	865	775	585	587	820	470	370
QH-2018-3/QHB-50032	1450	865	775	585	587	820	458	370
QH-2018-5/QHB-50052	1450	865	775	585	587	820	458	370
QH-3018-5/QHB-50052	1705	1120	1030	585	587	820	458	370

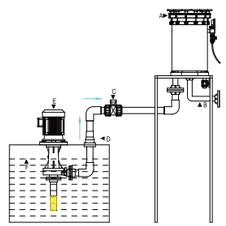
Model	H	I	J	K	L	M	N
QH-2006-1/QHB-40012	442	47.5	180	45	Ø280	1.5"	1.5"
QH-2008-1/QHB-40012	442	47.5	180	45	Ø315	1.5"	1.5"
QH-2008-2/QHB-40022	442	47.5	180	45	Ø315	1.5"	1.5"
QH-2012-2/QHB-50032	442	47.5	180	45	Ø400	2"	2"
QH-2012-5/QHB-50052	442	47.5	180	45	Ø400	2"	2"
QH-2018-3/QHB-50032	442	47.5	180	45	Ø450	2"	2"
QH-2018-5/QHB-50052	442	47.5	180	45	Ø450	2"	2"
QH-3018-5/QHB-50052	442	47.5	180	45	Ø450	2"	2"



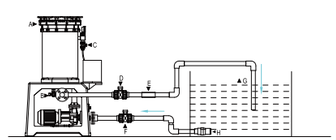
Installation Instruction



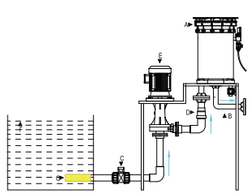
A. Filter
B. Drain Valve
C. Air Vent Valve
D. Outlet Double Union Ball Valve
E. Flow Indicator
F. Inlet Double Union Ball Valve
G. Max. Liquid Level
H. Foot Valve



A. Filter Housing
B. Outlet
C. Inlet Double Union Ball Valve
D. Check Valve
E. Pump
F. Max. Liquid Level
G. Strainer



A. Filter
B. Drain Valve
C. Air Vent Valve
D. Outlet Double Union Ball Valve
E. Flow Indicator
F. Inlet Double Union Ball Valve
G. Max. Liquid Level
H. Foot Valve



A. Filter Housing
B. Outlet
C. Inlet Double Union Ball Valve
D. Check Valve
E. Pump
F. Max. Liquid Level
G. Strainer

Safety Operating Rules

1. The installation site should be flat or placed on a stable shelf. The inlet and outlet pipes should be fixed firmly to avoid damage to the pipes.

2. Familiarize yourself with the operation of the filter before starting it. Please read the user manual carefully, and follow the instructions to install each component. This will help you to understand the standard operating procedures for each component.

3. Do not change the transporting chemistry arbitrarily when using it, because different chemical mixing will produce various chemical changes, and even chemical reactions will cause high heat to damage the body and parts. Please contact our company for questions about chemical coordination.

4. Any misuse, such as overvoltage, self-modification of parts, chemical incompatibility, or use of damaged parts, may cause dangerous situations. Please follow the safety warnings.

5. Hydrogen is generated in most electroplating solutions during electrolysis. Hydrogen gas is easy to remain in the filter housing. If it is not used for a long time, hydrogen will be stored in the filter housing and cause internal pressure, even causing hydrogen explosion. Therefore, the filter housing's air release valve should be vented every day to discharge the hydrogen gas. If it is not used for a long time, the air release valve should be opened to prevent the accumulation of hydrogen gas.

6. When starting the filter, check the outlet and flow rate to ensure that they are normal. Clean the filter media regularly. The liquid in the pump will heat up due to idling, and the liquid in the pump will vaporize, causing steam pressure in the filter tank. Hydrogen gas will be released from the liquid and raise the internal pressure of the filter tank. If the pressure is too high, it may even cause the filter tank to burst. It is important to check that the filter machine outlet valve is open and that the pump is not dry running. Dry running will damage the pump and the filter.

7. When using the filter, please use it during working hours. When the machine is not in use at night, please turn off the power to prevent the filter media from being blocked at night and no one stops or cleans the filter, causing the pump and filter to run dry and be damaged.

8. Avoid installing the filter outdoors if possible, because the filter housing will be exposed to sunlight for a long time, which will cause the plastic material to deteriorate and affect the service life.

9. The pressure during operation should not be higher than 1.5 Kg/cm2, and the temperature of the liquid used should not be higher than 70°C.