CHINA FROTEC

CHINA FROTEC ENVIRONMENTAL CO., LTD
101, Building 1D, No. 32, Changsha Road, Shayong Village, Panyu District, Guangzhou City

Tel/WhatsApp:18099647106
Email: oria@frotecfilter.com www.frotecfilter.com

Subsidiary

Cooperation Brand

润新 RUNXIN

ALLEDOSIEREN™

Boyuan

SHIMGE 新界泵业

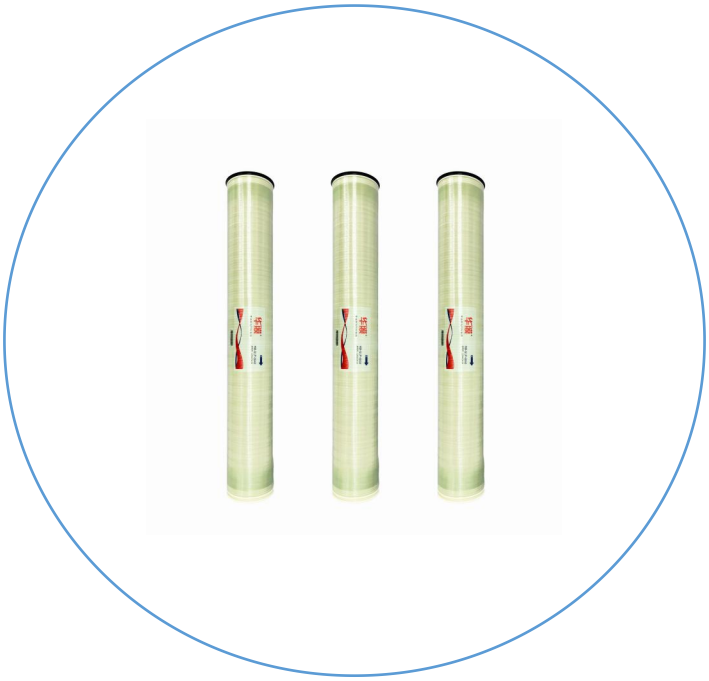
NEWDOSE®

CREATEC

China Frotec Environmental Co.,Ltd. is an environmental company that integrates water treatment materials, complete equipment, and comprehensive sewage treatment projects. We are a technology service-oriented enterprise that independently produces water treatment accessories, filtration materials, membrane separation elements, complete equipment, special separation equipment, environmental equipment, and provides services such as research and development, manufacturing, installation, commissioning, operation management, and after-sales service. Independently develops technology, continuously innovates, and promotes ecological restoration projects. Continuously absorbs advanced technologies from the global water industry to provide users with a complete set of technical solutions for world-leading water treatment and industrial production process water. The company adheres to the business philosophy and service tenet of "customer-centered, quality first, reputation-based, service-oriented, and shared achievements."

We has meticulously created the "Frotec" "Huamo""Minipore""Extrepure" proprietary brand,selecting self-produced product components; it is now possible to customize or specify brands according to customer needs.





RO Membrane

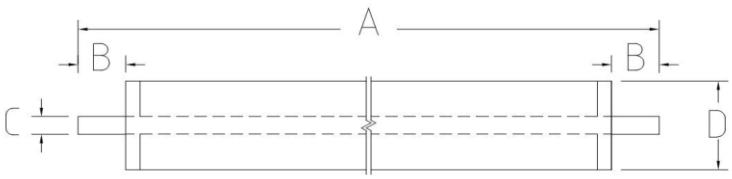
LPHM series is an aromatic polyamide composite membrane element.
It has the characteristics of low operating pressure, high water production and high desalination rate. It has a high removal rate for dissolved salts, TOC, SI02 and other substances, and is especially suitable for the preparation of high-purity water in the electronics and power industries.
It is suitable for desalination treatment of surface water, municipal water and other water sources, mainly used in industrial pure water, boiler feed water or brackish water applications such as high-concentration brine.

Product Specifications

Model	Active Membrane Area ft² (m²)	Stabilized Salt Rejection %	Minimum Salt Rejection %	Permeate Flow Rate gpd (m³/d)
LPHM-8040	400(37)	99.3	99.0	10,500(40)
LPHM-6040	185(17.2)	99.3	99.0	4120(15.6)
LPHM-4040	78(7.2)	99.5	99.0	2050(7.8)

Test Condition: Feed Water Pressure: 1.55MPa (225 psi); Feed Water Temperature: 25 °C (77 °F); Feed Water Concentration: 2,000 ppm NaCl; Feed Water PH: 8.

Dimensions



Model	A inch (mm)	B inch (mm)	C inch (mm)	D inch (mm)
LPHM-8040	40(1,016)	0	1.125(29)	7.95(201)
LPHM-6040	40(1,016)	1.05(26.7)	0.98(25)	5.75(146)
LPHM-4040	40(1,016)	1.05(26.7)	0.75(19)	3.9(99)

Maximum Operating Pressure	41 bar(600 psi)
Maximum Operating Temperature	45℃ (113℉)
Maximum Pressure Drop per Element	1.0 bar (15 psi)
pH Range, Continuous Operation	2-11
pH Range, Chemical Cleaning	1-13
Maximum Feed Silt Density Index (SDI15)	5.0
Free Chlorine Tolerance	< 0.1 ppm

1. Permeate flow rates for individual elements may vary ±15%.
2. Membrane active areas may vary ±4%.
3. Stabilized salt rejection is generally achieved after continuous using for 24-48 hours, which depending on feed water qualities and operating conditions.

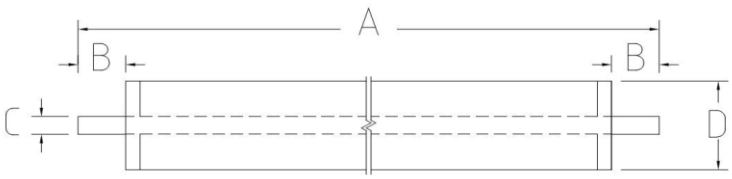
ULPHM series is a ultra low-pressure aromatic polyamide composite membrane element.
It has the characteristics of large flux and high desalination rate. The operating pressure is about 2/3 of normal membranes.
It is suitable for desalination of RO water, groundwater, municipal water and other water sources. It is mainly used in pure water, boiler feed water, food and pharmaceutical manufacturing industries and other fields.

Product Specifications

Model	Active Membrane Area ft^2（m^2）	Stabilized Salt Rejection %	Minimum Salt Rejection %	Permeate Flow Rate gpd（m^3/d）
ULPHM-8040	400(37)	99.3	99.0	11,500(44)
ULPHM-6040	185(17.2)	99.2	99.0	4120(15.6)
ULPHM-4040	78(7.2)	99.3	99.0	2250(8.7)

Test Condition: Feed Water Pressure 1.03MPa (150 psi); Feed Water Temperature: 25 °C (77 °F); Feed Water Concentration 1,500 ppm NaCl; Feed Water pH: 8; Permeate Recovery 15%.

Dimensions



Model	A inch（mm）	B inch（mm）	C inch（mm）	D inch（mm）
ULPHM-8040	40(1,016)	0	1.125(29)	7.95(201.9)
ULPHM-6040	40(1,016)	1.05(26.7)	0.98(25)	5.75(146)
ULPHM-4040	40(1,016)	1.05(26.7)	0.75(19)	3.9(99)

Maximum Operating Pressure	41 bar(600 psi)
Maximum Operating Temperature	45℃（113℉）
Maximum Pressure Drop per Element	1.0 bar (15 psi)
pH Range, Continuous Operation	2-11
pH Range, Chemical Cleaning	1-13
Maximum Feed Silt Density Index (SDI15)	5.0
Free Chlorine Tolerance	< 0.1 ppm

1. Permeate flow rates for individual elements may vary ±15%.
2. Membrane active areas may vary ±4%.
3. Stabilized salt rejection is generally achieved after continuous using for 24-48 hours, which depending on feed water qualities and operating conditions.

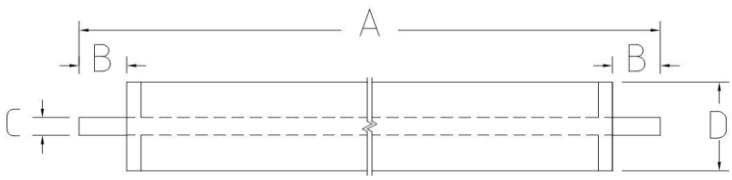
FRHM4040/FRHM8040 anti-fouling brackish water desalination reverse osmosis membrane element, with the characteristics of high water production and high desalination rate. Suitable for large-scale industrial and municipal water treatment systems or systems with poor influent water quality.

Product Specifications

Model	Active Membrane Area ft² (m²)	Stabilized Salt Rejection %	Minimum Salt Rejection %	Permeate Flow Rate gpd (m³/d)
FRHM8040	400(37)	99.5	99.0	10,500(40)
FRHM4040	78(7.2)	99.5	99.0	2050(7.8)

Test Condition: Feed Water Pressure 1.55MPa (225 psi); Feed Water Temperature: 25 °C (77 °F); Feed Water Concentration 2,000 ppm NaCl; Feed Water pH: 8; Permeate Recovery 15%.

Dimensions



Model	A inch (mm)	B inch (mm)	C inch (mm)	D inch (mm)
FRHM8040	40(1,016)	0	1.125(29)	7.95(201)
FRHM4040	40(1,016)	1.05(26.7)	0.75(19)	3.9(99)

Maximum Operating Pressure	41 bar(600 psi)
Maximum Operating Temperature	45℃ (113℉)
Maximum Pressure Drop per Element	1.0 bar (15 psi)
pH Range, Continuous Operation	2-11
pH Range, Chemical Cleaning	1-13
Maximum Feed Silt Density Index (SDI15)	5.0
Free Chlorine Tolerance	< 0.1 ppm

1. Permeate flow rates for individual elements may vary ±15%.
2. Membrane active areas may vary ±4%.
3. Stabilized salt rejection is generally achieved after continuous using for 24-48 hours, which depending on feed water qualities and operating conditions.

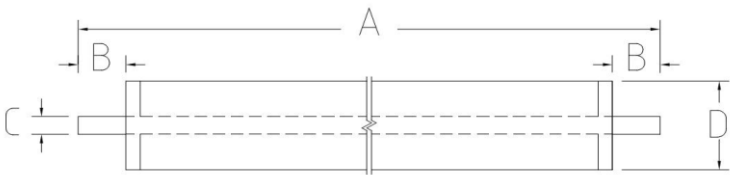
TF22-8040FR-HT/TF22-4040FR-HT anti-fouling high temperature reverse osmosis membrane elements, which have the characteristics of high water production, high salt rejection and certain high temperature resistance. Suitable for large-scale industrial and municipal water treatment systems or systems with poor influent water quality.

Product Specifications

Model	Active Membrane Area ft^2（m^2）	Stabilized Salt Rejection %	Minimum Salt Rejection %	Permeate Flow Rate gpd（m^3/d）
TF22-8040FR-HT	400(37)	99.5	99.0	10,500(40)
TF22-4040FR-HT	78(7.2)	99.5	99.0	2050(7.8)

Test Condition: Feed Water Pressure 1.55MPa (225 psi); Feed Water Temperature: 25 °C (77 °F); Feed Water Concentration 2,000 ppm NaCl; Feed Water pH: 8; Permeate Recovery 15%.

Dimensions



Model	A inch（mm）	B inch（mm）	C inch（mm）	D inch（mm）
TF22-8040FR-HT	40(1,016)	0	1.125(29)	7.95(201)
TF22-4040FR-HT	40(1,016)	1.05(26.7)	0.75(19)	3.9(99)

Maximum Operating Pressure	50 bar(750 psi)
Maximum Operating Temperature	60℃（140℉）
Maximum Pressure Drop per Element	2.0 bar (30 psi)
pH Range, Continuous Operation	2-11
pH Range, Chemical Cleaning	1-13
Maximum Feed Silt Density Index (SDI15)	5.0
Free Chlorine Tolerance	< 0.1 ppm

1. Permeate flow rates for individual elements may vary ±15%.
2. Membrane active areas may vary ±4%.
3. Stabilized salt rejection is generally achieved after continuous using for 24-48 hours, which depending on feed water qualities and operating conditions.

TF8040-SW/TF4040-SW seawater desalination reverse osmosis membrane element, the water production is increased by 20% under the same operating pressure. Suitable for large-scale desalination systems.

Features:

Ultra-high boron rejection.

Adopt short diaphragm structure to increase the number of film pages and improve the film efficiency.

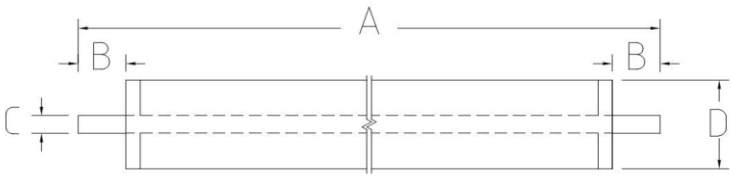
Applicable to a wider range of PH cleaning, better cleaning effect.

Product Specifications

Model	Active Membrane Area ft² (m²)	Stabilized Salt Rejection %	Minimum Salt Rejection %	Permeate Flow Rate gpd (m³/d)	Stabilized Boron Rejection %
TF8040-SW	400(37)	99.5	99.3	7500(28)	92
TF4040-SW	78(7.2)	99.5	99.3	1600(6.1)	92
TF2540-SW	28(2.6)	99.5	99.3	600(2.3)	92

Test Condition: Feed Water Pressure 5.5MPa (800 psi); Feed Water Temperature: 25 °C (77 °F); Feed Water Concentration 32,000 ppm NaCl; Feed Water pH: 8; Permeate Recovery 8%.

Dimensions



Model	A inch (mm)	B inch (mm)	C inch (mm)	D inch (mm)
TF8040-SW	40(1,016)	0	1.125(29)	7.95(201)
TF4040-SW	40(1,016)	1.05(26.7)	0.75(19)	3.9(99)
TF2540-SW	40(1,016)	1.19(30.2)	0.75(19)	2.4(61)

Maximum Operating Pressure	83 bar(1200 psi)
Maximum Operating Temperature	45℃ (113℉)
Maximum Pressure Drop per Element	1.0 bar (15 psi)
pH Range, Continuous Operation	2-11
pH Range, Chemical Cleaning	1-13
Maximum Feed Silt Density Index (SDI15)	5.0
Free Chlorine Tolerance	< 0.1 ppm

1. Permeate flow rates for individual elements may vary ±15%.
2. Membrane active areas may vary ±4%.
3. Stabilized salt rejection is generally achieved after continuous using for 24-48 hours, which depending on feed water qualities and operating conditions.

TF8040-NF/TF4040-NF nanofiltration membrane element. It shows excellent removal of pesticides, viruses and bacteria in use, high removal of natural organic matter and divalent ions, and moderate removal of monovalent ions. Through innovative technology, the product has a stronger membrane surface and stronger anti-oxidation performance, which can significantly improve the operating economy of the system.

Features:

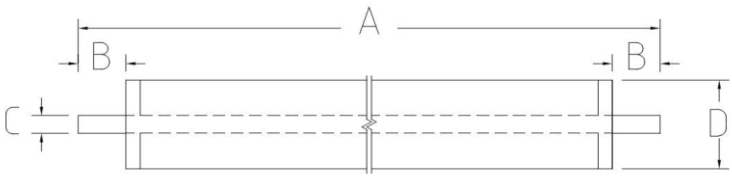
Suitable for removal of TOC and THM precursors.
Systems for salt removal with low operating energy consumption.
Separation of salts for monovalent and multivalent ions.

Product Specifications

Model	Active Membrane Area ft^2（m^2）	Stabilized Salt Rejection %	Permeate Flow Rate gpd（m^3/d）
TF8040-NF	400(37)	40~60% (NaCl) ≥98% (MgSO4)	7500(28.4) (NaCl)/ 9500(36.0) (MgSO4)
TF4040-NF	82(7.6)	40~60% (NaCl) ≥98% (MgSO4)	1400(5.3) (NaCl)/ 1850(7.0) (MgSO4)

Test Condition: Feed Water Pressure 0.48MPa (70psi); Feed Water Temperature: 25 °C (77 °F); Feed Water Concentration 2,000 ppm NaCl, 2,000 ppm MgSO4 ; Feed Water pH: 8; Permeate Recovery 15%.

Dimensions



Model	A inch（mm）	B inch（mm）	C inch（mm）	D inch（mm）
TF8040-NF	40(1,016)	0	1.125(29)	7.95(201.9)
TF4040-NF	40(1,016)	1.05(26.7)	0.75(19)	3.9(99)

Maximum Operating Pressure	41 bar(600 psi)
Maximum Operating Temperature	45℃（113℉）
Maximum Pressure Drop per Element	1.0 bar (15 psi)
pH Range, Continuous Operation	2-11
pH Range, Chemical Cleaning	1-13
Maximum Feed Silt Density Index (SDI15)	5.0
Free Chlorine Tolerance	< 0.1 ppm

1. Permeate flow rates for individual elements may vary ±15%.
2. Membrane active areas may vary ±4%.
3. Stabilized salt rejection is generally achieved after continuous using for 24-48 hours, which depending on feed water qualities and operating conditions.

TF8040-NF/TF4040-NF nanofiltration membrane element. It shows excellent removal of pesticides, viruses and bacteria in use, high removal of natural organic matter, and moderate removal of total hardness. Through innovative technology, the product has a stronger membrane surface and stronger anti-oxidation performance, which can significantly improve the operating economy of the system.

Features:

Suitable for removal of TOC and THM precursors.

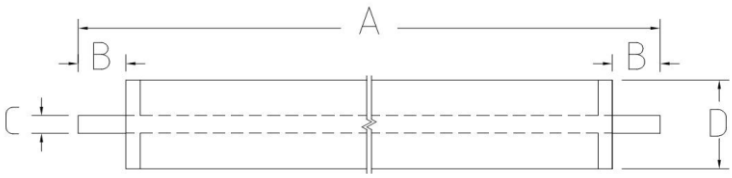
Suitable for systems that remove salts at ultra-low pressure and operate with low energy consumption.

Product Specifications

Model	Active Membrane Area ft² (m²)	Stabilized Salt Rejection %	Permeate Flow Rate gpd (m³/d)
TF8040-SOFT	400(37)	85~95% (NaCl) ≥98% (MgSO4)	7500(28.4) (NaCl)/ 9500(36.0) (MgSO4)
TF4040-SOFT	82(7.6)	85~95% (NaCl) ≥98% (MgSO4)	1400(5.3) (NaCl)/ 1850(7.0) (MgSO4)

Test Condition: Feed Water Pressure 0.48MPa (70psi); Feed Water Temperature: 25 °C (77 °F); Feed Water Concentration 2,000 ppm NaCl, 2,000 ppm MgSO4 ; Feed Water pH: 8; Permeate Recovery 15%.

Dimensions



Model	A inch（mm）	B inch（mm）	C inch（mm）	D inch（mm）
TF8040-SOFT	40(1,016)	0	1.125(29)	7.95(201)
TF4040-SOFT	40(1,016)	1.05(26.7)	0.75(19)	3.9(99)

Maximum Operating Pressure	41 bar(600 psi)
Maximum Operating Temperature	45℃（113℉）
Maximum Pressure Drop per Element	1.0 bar (15 psi)
pH Range, Continuous Operation	2-11
pH Range, Chemical Cleaning	1-13
Maximum Feed Silt Density Index (SDI15)	5.0
Free Chlorine Tolerance	< 0.1 ppm

1. Permeate flow rates for individual elements may vary ±15%.
2. Membrane active areas may vary ±4%.
3. Stabilized salt rejection is generally achieved after continuous using for 24-48 hours, which depending on feed water qualities and operating conditions.

The TF804O-UR/TF4040-UR Diesel exhaust fluid purification special membrane element is a newly developed industry-leading special separation membrane element with high water yield and high anti-pollution. It adopts a 34mil wide water inlet flow channel. On the premise of ensuring low pressure difference The purity of the permeate urea can meet the standard requirements.

Features:

The 34mil inlet water channel is adopted, with low pressure difference and balanced inlet water.

Strong anti-pollution ability and good cleaning effect.

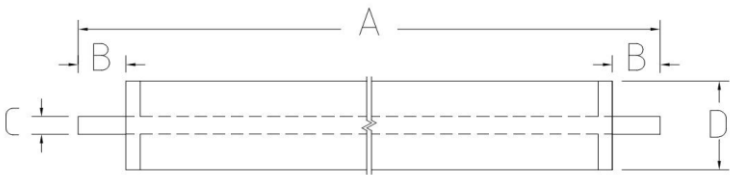
Very high water yield and good effluent quality.

Product Specifications

Model	Active Membrane Area ft² (m²)	Stabilized Salt Rejection %	Permeate Flow Rate gpd (m³/d)
TF8040-UR	400(37)	40~60% (NaCl)	11,500(44)
TF4040-UR	82(7.6)	40~60% (NaCl)	2250(8.7)

Test Condition: Feed Water Pressure 0.48MPa (70psi); Feed Water Temperature: 25 °C (77 °F); Feed Water Concentration 2,000 ppm NaCl; Feed Water pH: 7; Permeate Recovery 15%.

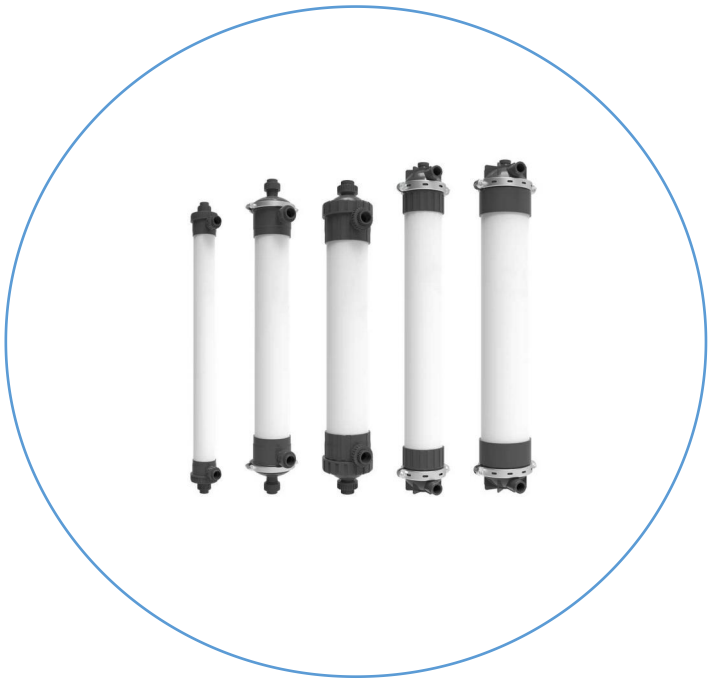
Dimensions



Model	A inch (mm)	B inch (mm)	C inch (mm)	D inch (mm)
TF8040-UR	40(1,016)	0	1.125(29)	7.9(201)
TF4040-UR	40(1,016)	1.05(26.7)	0.75(19)	3.9(99)

Maximum Operating Pressure	41 bar(600 psi)
Maximum Operating Temperature	45℃ (113℉)
Maximum Pressure Drop per Element	1.0 bar (15 psi)
pH Range, Continuous Operation	2-11
pH Range, Chemical Cleaning	1-13
Maximum Feed Silt Density Index (SDI15)	5.0
Free Chlorine Tolerance	< 0.1 ppm

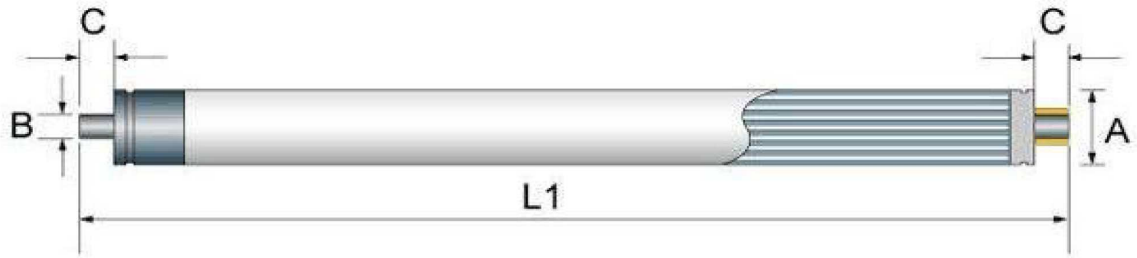
1. Permeate flow rates for individual elements may vary ±15%.
2. Membrane active areas may vary ±4%.
3. Stabilized salt rejection is generally achieved after continuous using for 24-48 hours, which depending on feed water qualities and operating conditions.



UF Membrane

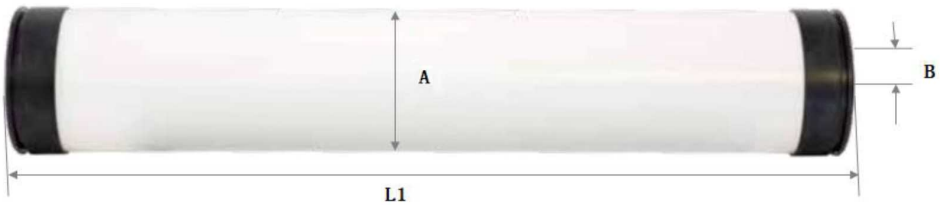
Dimensions

1. UF4040/HM4040



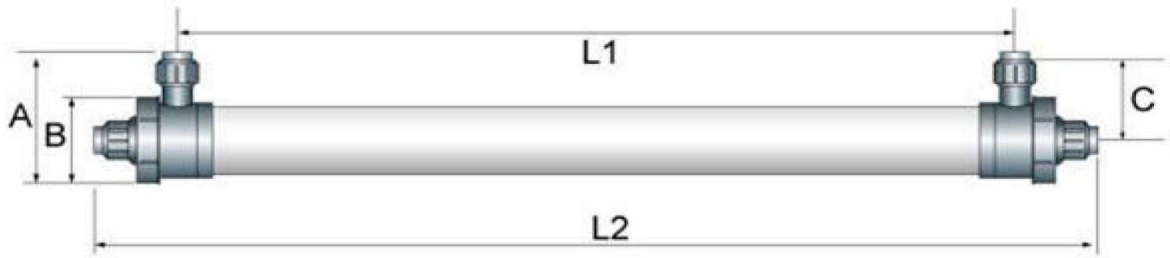
Model	A（mm）	B（mm）	C（mm）	L1（mm）
UF4040/HM4040	101	19	27	1016

2. UF8040/HM8040



Model	A（mm）	B（mm）	L1（mm）
UF8040/HM8040	202	28.6	1016

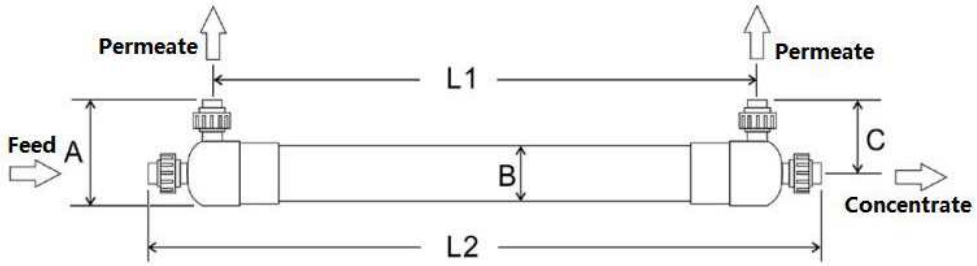
3. HM4046/HM90



Model	A（mm）	B（mm）	C（mm）	L1（mm）	L2（mm）
HM4046/HM90	167	112	112	966	1162

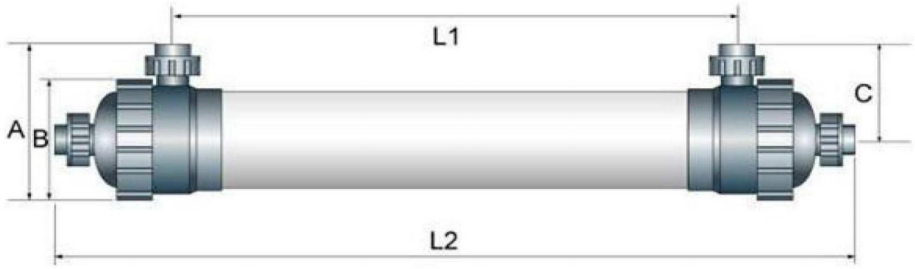
Dimensions

6. HM160



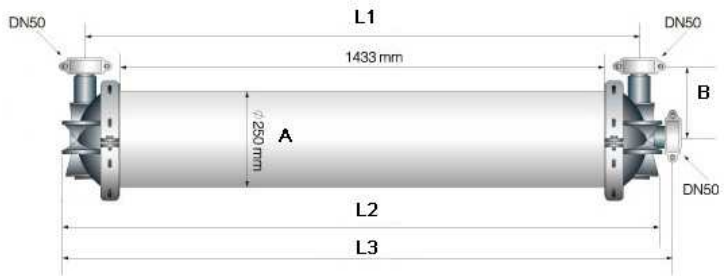
Model	A（mm）	B（mm）	C（mm）	L1（mm）	L2（mm）
HM160	245	195	160	1132	1350

4. HM8060/HM200



Model	A（mm）	B（mm）	C（mm）	L1（mm）	L2（mm）
HM8060/HM200 LONG	307	236	183.5	1055	1465
HM8060/HM200 SHORT	307	236	183.5	995	1405

5. HM160/HM250



Model	A（mm）	B（mm）	L1（mm）	L2（mm）	L3（mm）
HM160/HM250	250	173	1600	1680	1713

Product Specifications

1. HM160/HM4046/HM90/UF4040/HM4040

Model	HM160	HM4046/HM90	UF4040/HM4040
Design Flux (1) (L/m2/h)	40-80	40-80	40-80
Produced Water Pollution Index (2)(SDI15)	＜3	＜3	＜3
Expected Filtration Turbidity (3)(NTU)	＜＜1	＜＜1	＜＜1
E. coli Removal Rate （log）	＞6	＞6	＞6
Virus Removal Rate （log）	＞4	＞4	＞4
Filter Method	Full or Cross-flow Filtration	Full or Cross-flow Filtration	Full or Cross-flow Filtration
Membrane Material and Type	PVC\PAN	PVC\PAN	PVC\PAN
Shell/Sealing Material	PVC/ Epoxy Resin	PVC/ Epoxy Resin	PVC/ Epoxy Resin
Nominal Cutting Molecular (Dalton)	100,000	100,000	100,000
Membrane In/ Outer Diameter (mm)	1.0/1.6	1.0/1.6	1.0/1.6
Module Nominal Area (m2)	15	4.5	4
Maximum Water Inlet Pressure (MPa)	0.3	0.3	0.3
Maximum Transmembrane Pressure Difference (MPa)	＜0.2	＜0.2	＜0.2
Recommended Operating Pressure Difference (MPa)	0.01-0.1	0.01-0.1	0.01-0.1
Maximum Working Temperature (℃)	40℃	40℃	40℃
Tolerant pH Range	3-9	3-9	3-9
Backwash Pressure (MPa)	＜0.2	＜0.2	＜0.2
Backwash Flow (L/m²/h)	100-200	100-200	100-200

(1) Depends on water inlet conditions.

(2)(3) refers to the test value when the influent turbidity is less than 20NTU.

Product Specifications

2. HM8060/HM200/UF8040/HM8040/HM1060/HM250

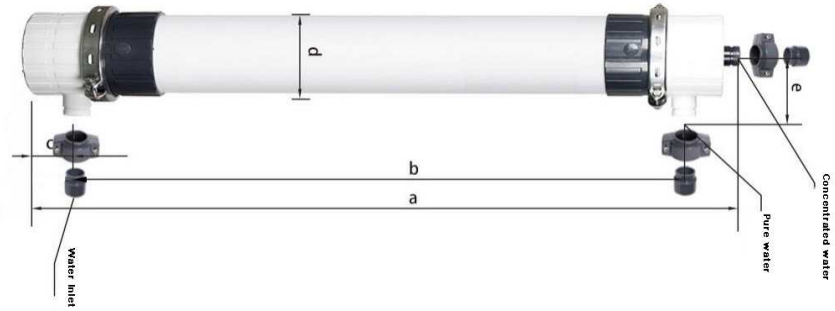
Model	HM8060/HM200	UF8040/HM8040	HM1060/HM250
Design Flux (1) (L/m2/h)	40-80	40-80	40-80
Produced Water Pollution Index (2)(SDI15)	＜3	＜3	＜3
Expected Filtration Turbidity (3) (NTU)	＜＜1	＜＜1	＜＜1
E. coli Removal Rate （log）	＞6	＞6	＞6
Virus Removal Rate （log）	＞4	＞4	＞4
Filter Method	Full or Cross-flow Filtration	Full or Cross-flow Filtration	Full or Cross-flow Filtration
Membrane Material and Type	PVC\PAN	PVC\PAN	PVC\PAN
Shell/Sealing Material	PVC/ Epoxy Resin	PVC/ Epoxy Resin	PVC/ Epoxy Resin
Nominal Cutting Molecular (Dalton)	100,000	100,000	100,000
Membrane In/ Outer Diameter (mm)	1.0/1.6	1.0/1.6	1.0/1.6
Module Nominal Area (m2)	25	21	50
Maximum Water Inlet Pressure (MPa)	0.3	0.3	0.3
Maximum Transmembrane Pressure Difference (MPa)	＜0.2	＜0.2	＜0.2
Recommended Operating Pressure Difference (MPa)	0.01-0.1	0.01-0.1	0.01-0.1
Maximum Working Temperature (℃)	40℃	40℃	40℃
Tolerant pH Range	3-9	3-9	3-9
Backwash Pressure (MPa)	＜0.2	＜0.2	＜0.2
Backwash Flow (L/m²/h)	100-200	100-200	100-200

(1) Depends on water inlet conditions.

(2) (3) refers to the test value when the influent turbidity is less than 20NTU.

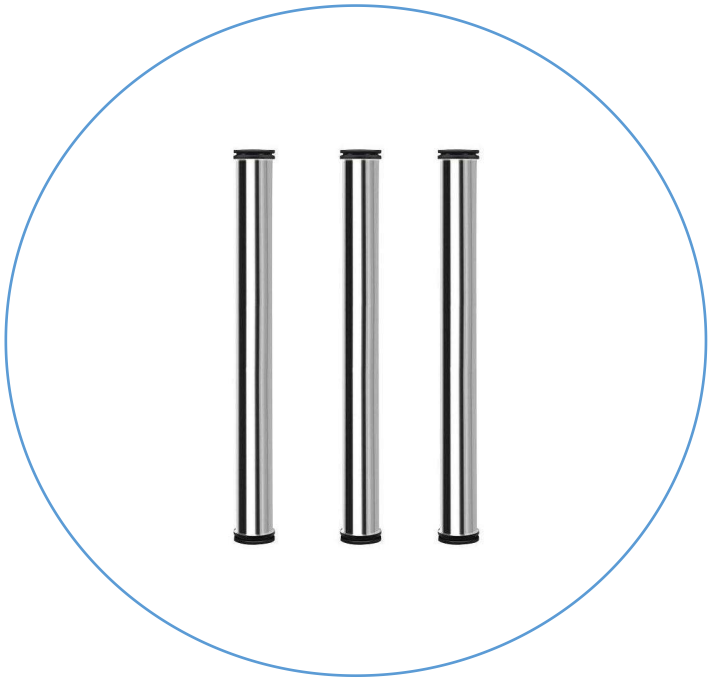
Dimensions and Specifications

HM2860/2880



Model	A（mm）	B（mm）	C（mm）	D（mm）	E（mm）
HM2860	1860	1725	95	225	180
HM2880	2360	2225	95	225	180

Model	UF2860	UF2880
Membrane Area (m2)	51	77
Material	Polyvinylidene Fluoride (PVDF)	
Membrane Pore Size	0.03um	
Inner/Outer Diameter of Hollow Fiber Membrane	0.7/1.3mm	
Material of Housing	Polyvinyl Chloride (UPVC)	
Fiber Bonding Material	Epoxy Resin	
Suspended matter＞2um	100%	
Product Water Turbidity	≤0.2NTU	
Water Outlet SDI	≤3.0	
Guaranteed Service Life	3-5 years (except for special water quality)	
Maximum Water Inlet Pressure	≤0.3MPa	
Recommended Operating Pressure	≤0.15MPa	
Maximum Transmembrane Pressure Difference	0.2MPa	
Operating Temperature	5-45°C	
pH Value Range	2—11	
Preprocessing Accuracy Requirements	≤150um	
Maximum Influent Turbidity	≤50NTU maximum withstand 300NTU	
Raw Water Oil Content	≤2mg/L	
Maximum Influent Chlorine Concentration	200mg/L (maximum residual chlorine concentration of cleaning agent is 5000mg/L)	
Filter Flux Range	40-80L/m2.h	

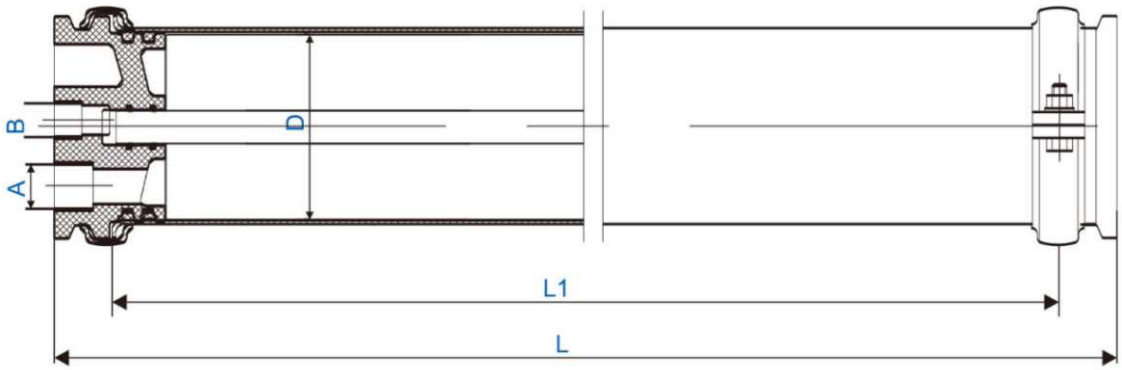


Membrane Housing

Product Specifications

Material	SUS304/SUS316L
End Cap	ABS/SUS304/SUS316L
Maximum Working Pressure	250Psi

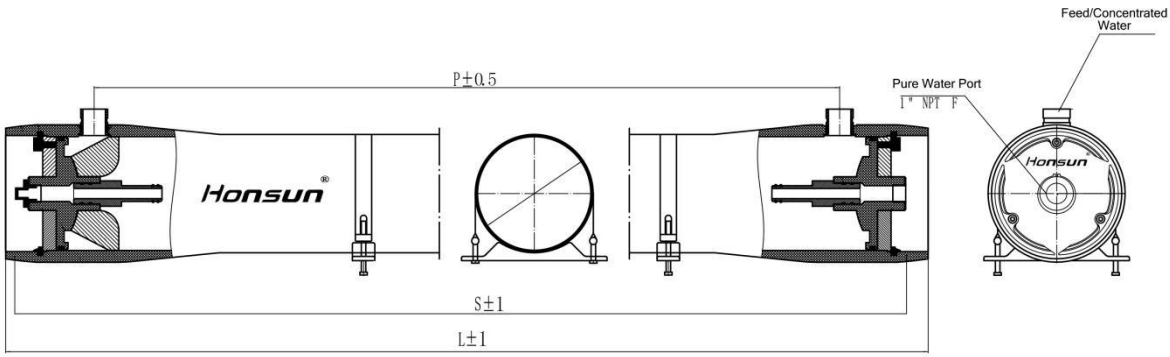
Dimensions



Model	L（mm）	L1（mm）	D（mm）	A（in）	B（out）
4021	590	540	Φ102	1/2″ 3/4″ NPT	1/2″ NPT
4040	1074	1024	Φ102	1/2″ 3/4″ NPT	1/2″ NPT
4080	2090	2040	Φ102	3/4″ NPT	1/2″ NPT

Product Specifications

Dimensions



Model	P	S	L
8040	1120	1323	1435
8080	2136	2341	2453
80120	3152	3357	3469
80160	4168	4373	4485
80200	5184	5389	5501
80240	6200	6405	6517
80280	7216	7421	7533

1. Design Pressure: 300/450/600/1000/1200PSI
2. Design Temperature: 66℃（150° F)
3. Min Temperature: -10℃（14° F)
4. Media:Water PH3-10
5. The maximum operating pressure of the water purification nozzle is 0. 88 MPA (125 PSI).

SS Filter Housing

Product Specifications

Maximum Pressure: 150Psi
Polished or sandblast external surface.
One sewage port.

Model	Size	Inlet/Outlet	Flow	Material
BFM-2	Ø400*2bags*2.5mm	DN80 Flange	60m3/h	SS304/316
BFM-3	Ø450*3bags*2.5mm	DN100 Flange	90m3/h	SS304/316
BFM-4	Ø550*4bags*3.0mm	DN100 Flange	120m3/h	SS304/316
BFM-5	Ø600*5bags*3.0mm	DN125 Flange	150m3/h	SS304/316
BFM-6	Ø650*6bags*3.0mm	DN125 Flange	180m3/h	SS304/316
BFM-7	Ø700*7bags*3.0mm	DN150 Flange	210m3/h	SS304/316
BFM-8	Ø800*8bags*3.0mm	DN200 Flange	240m3/h	SS304/316
BFM-9	Ø850*9bags*3.0mm	DN200 Flange	270m3/h	SS304/316
BFM-10	Ø900*10bags*3.0mm	DN200 Flange	300m3/h	SS304/316
#2 BAG				

Product Specifications

Maximum Pressure: 150Psi
Polished or sandblast external surface.
One sewage port.

Model	Size	Inlet/Outlet	Flow	Material
MG3B-2	Ø400*2bags*2.0mm	DN80 Flange	60m3/h	SS304/316
MG3B-3	Ø450*3bags*2.5mm	DN100 Flange	90m3/h	SS304/316
MG3B-4	Ø500*4bags*2.5mm	DN100 Flange	120m3/h	SS304/316
MG3B-5	Ø550*5bags*2.5mm	DN125 Flange	150m3/h	SS304/316
MG3B-6	Ø600*6bags*3.0mm	DN125 Flange	180m3/h	SS304/316
MG3B-7	Ø650*7bags*3.0mm	DN150 Flange	210m3/h	SS304/316
MG3B-8	Ø700*8bags*3.0mm	DN150 Flange	240m3/h	SS304/316
MG3B-9	Ø750*9bags*3.0mm	DN200 Flange	270m3/h	SS304/316
MG3B-10	Ø800*10bags*3.0mm	DN200 Flange	300m3/h	SS304/316
MG3B-12	Ø850*12bags*3.0mm	DN200 Flange	360m3/h	SS304/316
MG3B-14	Ø900*14bags*4.0mm	DN250 Flange	420m3/h	SS304/316
MG3B-18	Ø1000*18bags*4.0mm	DN250 Flange	540m3/h	SS304/316
#2BAG, ≥7 bags of filter, it is recommended to add rocker arm				

Product Specifications

BFH

BFL

Movable Feet

BFL

Fixed Feet

Maximum Pressure: 150Psi; Polished or sandblast external surface; One sewage port.

Model	Inlet/Outlet	Flow	Material	Feet
BFL-1*1.5MM	2” Female Thread	15m3/h	SS304/316	Movable Feet
BFL-2*1.5MM	2” Female Thread	30m3/h	SS304/316	Movable Feet
BFL-1*1.2MM	2” Female Thread	15m3/h	SS304/316	Fixed Feet
BFL-2*1.2MM	2” Female Thread	30m3/h	SS304/316	Fixed Feet
BFH-1*1.5MM	2” Female Thread	15m3/h	SS304/316	Movable Feet
BFH-2*1.5MM	2” Female Thread	30m3/h	SS304/316	Movable Feet
1: #1BAG, 2: #2BAG				

Product Specifications

MG2

MG3

MG6

Maximum Pressure: 150Psi; Polished external surface; One sewage port.

Model	Size	Inlet/Outlet	Pressure	Thickness
MG2/MG3/MG6	170*3cores*10”	DN25	0.8MPA	1.2/1.5
MG2/MG3/MG6	170*3cores*20”	DN25	0.8MPA	1.2/1.5
MG3/MG6	170*3cores*30”	DN25	0.8MPA	1.5
MG3/MG6	170*3cores*40”	DN25	0.8MPA	1.5
MG2/MG3/MG6	200*5cores*10”	DN25	0.8MPA	1.2/1.5
MG2/MG3/MG6	200*5cores*20”	DN25/DN40	0.8MPA	1.2/1.5
MG2/MG3/MG6	200*5cores*30”	DN25/DN40	0.8MPA	1.2/1.5
MG2/MG3/MG6	200*5cores*40”	DN25/DN40	0.8MPA	1.2/1.5
MG2/MG3/MG6	230*7cores*20”	DN50	0.8MPA	1.2/1.5
MG2/MG3/MG6	230*7cores*30”	DN50	0.8MPA	1.2/1.5
MG2/MG3/MG6	230*7cores*40”	DN50	0.8MPA	1.2/1.5

Product Specifications

MG3

MG4

MG5

MG6

Maximum Pressure: 150Psi; Polished external surface; One sewage port.

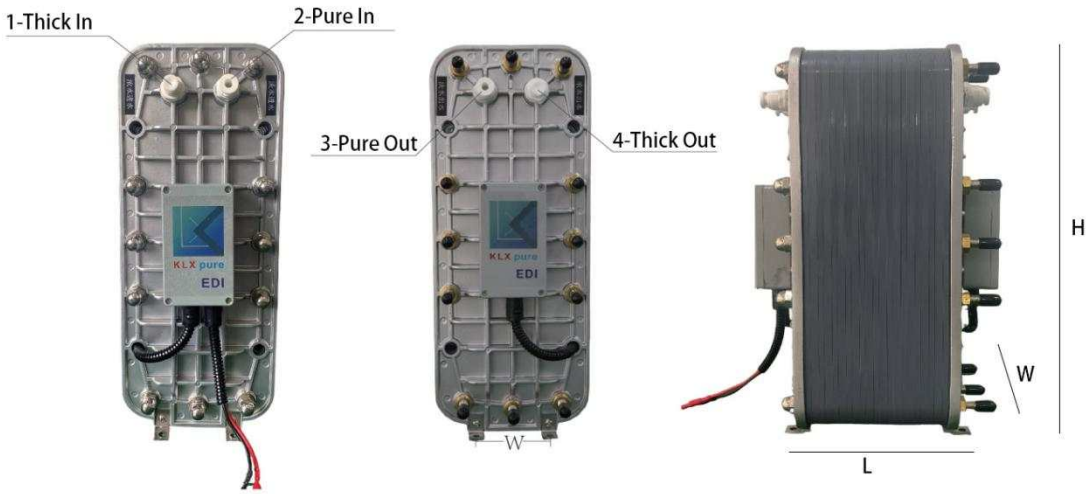
Model	Size	Inlet/Outlet	Sewage outlet	Exhaust vent	Thickness
MG3/4/5/6	Ø300*10cores*40"	2"F	1/2"F	1/4'' F	1.5
MG3/4/5/6	Ø300*12cores*30"	2"F	1/2"F	1/4'' F	1.5
MG3/4/5/6	Ø300*12cores*40"	2"F	1/2"F	1/4'' F	1.5
MG3/4/5/6	Ø350*15cores*30"	DN65 Flange	1/2"F	1/4'' F	2.0
MG3/4/5/6	Ø350*15cores*40"	DN65 Flange	1/2"F	1/4'' F	2.0
MG3/4/5/6	Ø400*20cores*30"	DN80 Flange	3/4'' F	1/4'' F	2.0
MG3/4/5/6	Ø400*20cores*40"	DN80 Flange	3/4'' F	1/4'' F	2.0
MG3/4/5/6	Ø450*27cores*30"	DN80 Flange	3/4'' F	1/4'' F	2.0
MG3/4/5/6	Ø450*27cores*40"	DN80 Flange	3/4'' F	1/4'' F	2.0
MG3/4/5/6	Ø500*30cores*30"	DN80 Flange	3/4'' F	1/4'' F	3.0
MG3/4/5/6	Ø500*30cores*40"	DN80 Flange	3/4'' F	1/4'' F	3.0
MG3/4/5/6	Ø550*36cores*40"	DN100 Flange	3/4'' F	1/4'' F	3.0
MG3/4/5/6	Ø600*40cores*40"	DN100 Flange	3/4'' F	1/4'' F	3.0
MG3/4/5/6	Ø650*50cores*40"	DN125 Flange	3/4'' F	1/4'' F	3.0
MG3/4/5/6	Ø700*60cores*40"	DN125 Flange	3/4'' F	1/4'' F	3.0
MG3/4/5/6	Ø750*75cores*40"	DN125 Flange	3/4'' F	1/4'' F	3.0
MG3/4/5/6	Ø800*80cores*40"	DN150 Flange	3/4'' F	1/4'' F	3.0, Thickened Flange
MG3/4/5/6	Ø900*100cores*40"	DN150 Flange	3/4'' F	1/4'' F	4.0, Thickened Flange

Product Specifications

Model	Size	Top Port	Pressure	Thickness
817	Φ200*900	2.5”	0.8MPA	1.5
835	Φ200*900	2.5”	0.8MPA	1.5
844	Φ200*1100	2.5”	0.8MPA	1.5
1035	Φ250*900	2.5”	0.8MPA	1.5
1044	Φ250*1100	2.5”	0.8MPA	1.5
1054	Φ250*1400	2.5”	0.8MPA	1.5
1254	Φ300*1400	2.5”	0.8MPA	1.5
1265	Φ300*1650	2.5”	0.8MPA	1.5
1465	Φ350*1650	2.5”	0.8MPA	1.5
1665	Φ400*1650	2.5”	0.8MPA	1.5

EDI Module

Dimensions

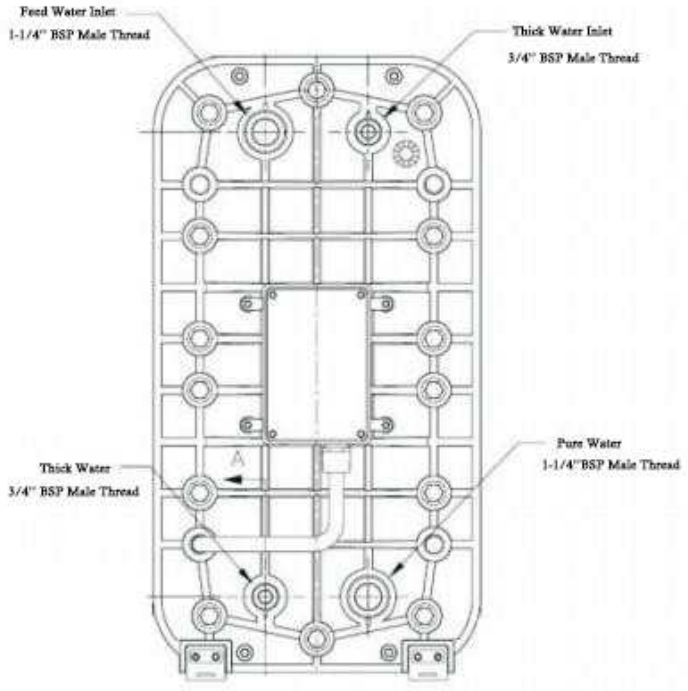


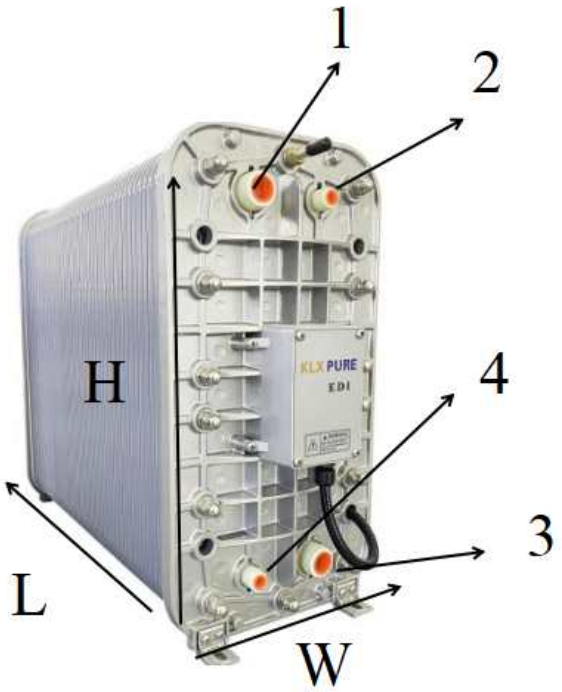
Model	L（mm）	W（mm）	H（mm）	1	2	3	4
KLX-50	175	160	391	Thick Water Inlet 1/4” quick connect	Pure Water Inlet 3/8” quick connect	Pure Water Outlet 3/8” quick connect	Thick Water Outlet 1/4” quick connect
KLX-100	223	160	391				
KLX-150	250	160	391				
KLX-200	280	160	391				
KLX-250	308	160	391				
KLX-300	361	160	391				

Product Specifications

Model	KLX-50	KLX-100	KLX-150	KLX-200	KLX-250	KLX-300
Working Current (A/DC)	0-2	0-2	0-2	0-2	0-2	0-2
Working Voltage	0-220	0-220	0-220	0-220	0-220	0-220
Water Production Flow L/H	30-70	80-120	130-170	180-220	230-270	280-320
Recovery Rate %	75-85	75-85	75-85	75-85	75-85	75-85
Water Resistivity MΩ• cm	15-18.25	15-18.25	15-18.25	15-18.25	15-18.25	15-18.25
Pure Water In/Out (Male)	1/4”	3/8”	3/8”	3/8”	3/8”	3/8”
Thick Water In/Out (Male)	1/4”	1/4”	1/4”	1/4”	1/4”	1/4”
Standard Water Flow Rate L/H	50	100	150	200	250	300

Dimensions



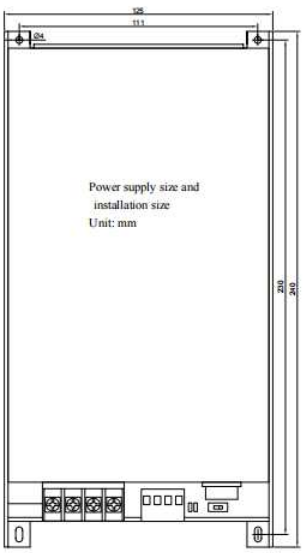


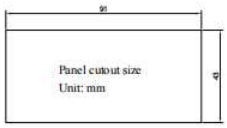
Model	L（mm）	W（mm）	H（mm）	1	2	3	4
KLX-500	270	320	605	Pure Water Inlet DN32 M	Thick Water Outlet DN20 M	Pure Water Outlet DN32 M	Thick Water Inlet DN20 M
KLX-1000	345	320	605				
KLX-2000	500	320	605				
KLX-3000	660	320	605				
KLX-4000	820	320	605				
KLX-5000	930	320	605				
KLX-6000	1140	320	605				
KLX-7000	1223	320	605				

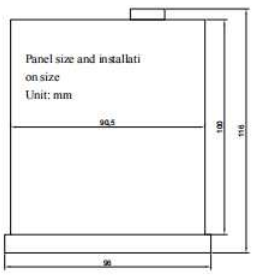
Product Specifications

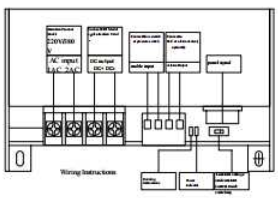
Model	KLX-500	KLX-1000	KLX-2000	KLX-3000	KLX-4000	KLX-5000	KLX-6000	KLX-7000
Working Current (A/DC)	1-6	1—6	1—6	1—6	1—6	1—6	1—6	1—6
Working Voltage	0-330	0-330	0-330	0-330	0-330	0-330	0-500	0-500
Water Production Flow m3/h	0.3-0.7	0.5-1.4	1.5-2.5	2.5-3.5	3-4.5	4-5.5	5-6.5	5.5-7.5
Recovery Rate %	90-95	90-95	90-95	90-95	90-95	90-95	90-95	90-95
Water Resistivity MΩ• cm	15-18.25	15-18.25	15-18.25	15-18.25	15-18.25	15-18.25	15-18.25	15-18.25
Pure Water In/Out (Male)	DN32	DN32	DN32	DN32	DN32	DN32	DN32	DN32
Thick Water In/Out (Male)	DN20	DN20	DN20	DN20	DN20	DN20	DN20	DN20
Silicon, Boron Removal Rate %	≧99	≧99	≧99	≧99	≧99	≧99	≧99	≧99
Standard Water Flow Rate L/H	500	1000	2000	3000	4000	5000	6000	7000

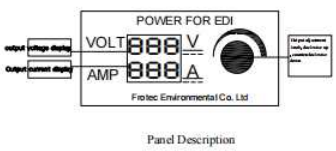
Power Supply







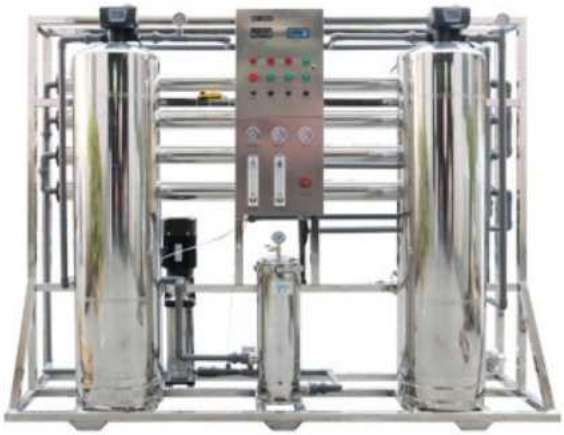




Panel Description

Water Treatment System

RO System



UF System

EDI System

Seawater Desalination System