VONTRON

VONTRON TECHNOLOGY CO., LTD.

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FOCUS ON ENVIRONMENT & HEALTH
INTEGRATED SYNERGY & INNOVATION

COMPANY PROFILE

Vontron Technology Co., Ltd. is a listed company under CRRC Group (stock referred to as "Vontron", code 000920), specializing in the research and development, manufacturing and sales of separation membranes and related materials, with comprehensive utilization of plant fibers and membrane separation as its secondary business. The Company is registered in the National High-tech Industrial Zone in Guiyang, as a large-scale enterprise of CRRC in Guizhou. In 2022, CRRC continued to be listed in the Fortune Global 500 and China's Top 100. It consistently ranked at the top of Fortune's "Most Admired Chinese Companies" list, and ranked first in brand value in the domestic machinery manufacturing industry. Vontron Technology Co., Ltd., a leading global supplier of separation membranes known for its top-tier technology, market dominance, comprehensive product range and wide application scope, has held the top spot in domestic sales for its reverse osmosis and nanofiltration membrane products for several consecutive years.

VONTRON's development strategy of "Focus on environment & health, Integrated synergy & innovation", in which environmental protection and health are the core, high-end materials are the fulcrum, focusing on the market with technology and investing in the technology with market. Relying on the advantages of listed companies' platform financing and existing industrial technology, VONTRON gives full play to the synergy among various business units. This can realize the company's corporate mission of "Improving the environment and sharing the health" and its development vision of "To be an excellent enterprise beneficial to human being and environmental health".

VONTRON

CORPORATE CULTURE

01 **MISSION**
Improving the environment and sharing the health

02 **VISION**
To be an excellent enterprise beneficial to human being and environmental health

03 **CORE VALUE**
Responsibility, integrity, expertise and outstanding results

04 **ORGANIZATIONAL ATMOSPHERE**
Harmonious, honest, open and inclusive

05 **WORK STYLE**
Work with responsibility, efficiency, excellence

DEVELOPMENT HISTORY

1999
Project Established

2000
Vontron Enviro-tech Co., Ltd. was established and registered.

2001
Introduce the complete set of RO membrane equipment and technology from the U.S.A.

2003
Vontron's RO Element products entered into the market

2004
Undertook the"National 863 Program"

2005
Vontron's "Energy Saving 1812 RO Element" was nominated as the "National Key New Produc."

2006
Vontron's "Low Pressure RO Element" was nominated as the "National Key New Product."

2007
Undertook the"National 863 Program"

2008
Released as the world's first high oxidation-resistant RO element Vontron's "Fouling Resistant RO Element" was nominated as a "National Key New Product."

2010
The FR series of fouling resistant RO element was released.

20+ years of R&D and manufacturing experience

Exported to over **130+** countries and regions

More than **70,000,000** customers choose VONTRON

2012
Lead the “National 863 Program”

2014
Undertook the "National Key Technology Support Program”

2016
Undertook the "National Key Research and Development Program"

2015
Annual sales volume exceeded 10 million square meters. Industrial series RO elements are certified to NSF/ANSI-61. Established the National Material and Application Joint Research Center to undertake the "National Key Technology Support Program."

2017
Annual production capacity of 30 million square meters of composite RO/NF membrane

2018
Released the highly efficient Helixfil series residential RO element and 440 ft2 industrial RO elements

2020
Released the TAPURIM series of Municipal NF elements and the MASE series of material separation

2019
Released the acid-resisting and alkali-resisting NF High pressure RO and spiral-wound UF

2021
Launched Heat Sanitizable RO Elements VHD Series Upgraded the full series of 4-inch RO Elements

2022
The ZERO series RO&NF membrane has facilitated the recycling and reuse of resources

2024
Launch SP series specific membrane for food and beverage, and VUF series hollow fiber ultrafiltration membrane. Won the title of “Leading Enterprise in the Field of RO Membrane in China's Membrane Industry”

2023
Release of the UE series of Ultra-pure Water RO Elements Enabling High Quality in the Microelectronics Industry


VONTRON

CORE BUSINESS

Separation membrane business, as Vontron's core business, has boasted a development history of 26 years. As a national standard maker of reverse osmosis membrane, Vontron specializes in R&D, manufacturing and service of reverse osmosis (RO), nanofiltration (NF) and ultrafiltration (UF) membranes and elements, and owns the core technologies in membrane manufacturing and strong capability of system design.

Vontron has developed the membrane products in over 20 series and over 200 specifications, including desalination membrane, fouling resistant membrane, oxidation resistant membrane, nanofiltration membrane, special separation membrane and residential membranes. As the China's largest manufacturer and service provider of dry-type reverse osmosis membrane elements, Vontron serves as a provider of products and services to over 130 countries and regions worldwide.

CERTIFICATION

NSF

HALAL

ISO14000

ROHS

CQC

ISO9001

National R&D Platform

National and Local Joint Engineering Research Center for Separation Membrane Materials and Applications

- Undertaken 10 National Key R&D Projects
- Set up 22 National and Industrial Standards
- Obtained 161 Authorised Patents
- Obtained 79 Patents for Inventions

Joint R & D base of advanced membrane materials
R & D base of water treatment membrane

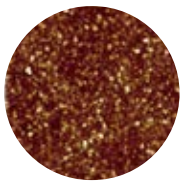
R & D AND MANUFACTURING

R&D Investment

R&D expenses of 121 million yuan in 2023, accounting for 7.11% of operating revenue.

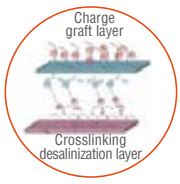
Membrane R&D and Manufacturing

◎ Polyamine mixing and crosslinking regulation technique endows the desalinization layer with unique smooth particle piling structure

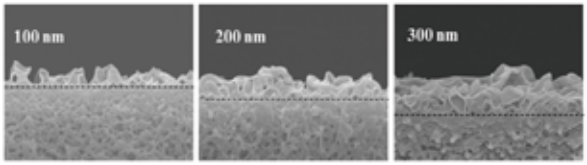


Conventional nanofiltration membrane

Special separation nanofiltration membrane



◎ Precise desalinization layer thickness control technique

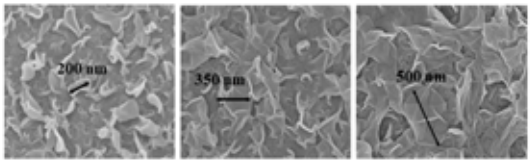


Short — Service life — Long

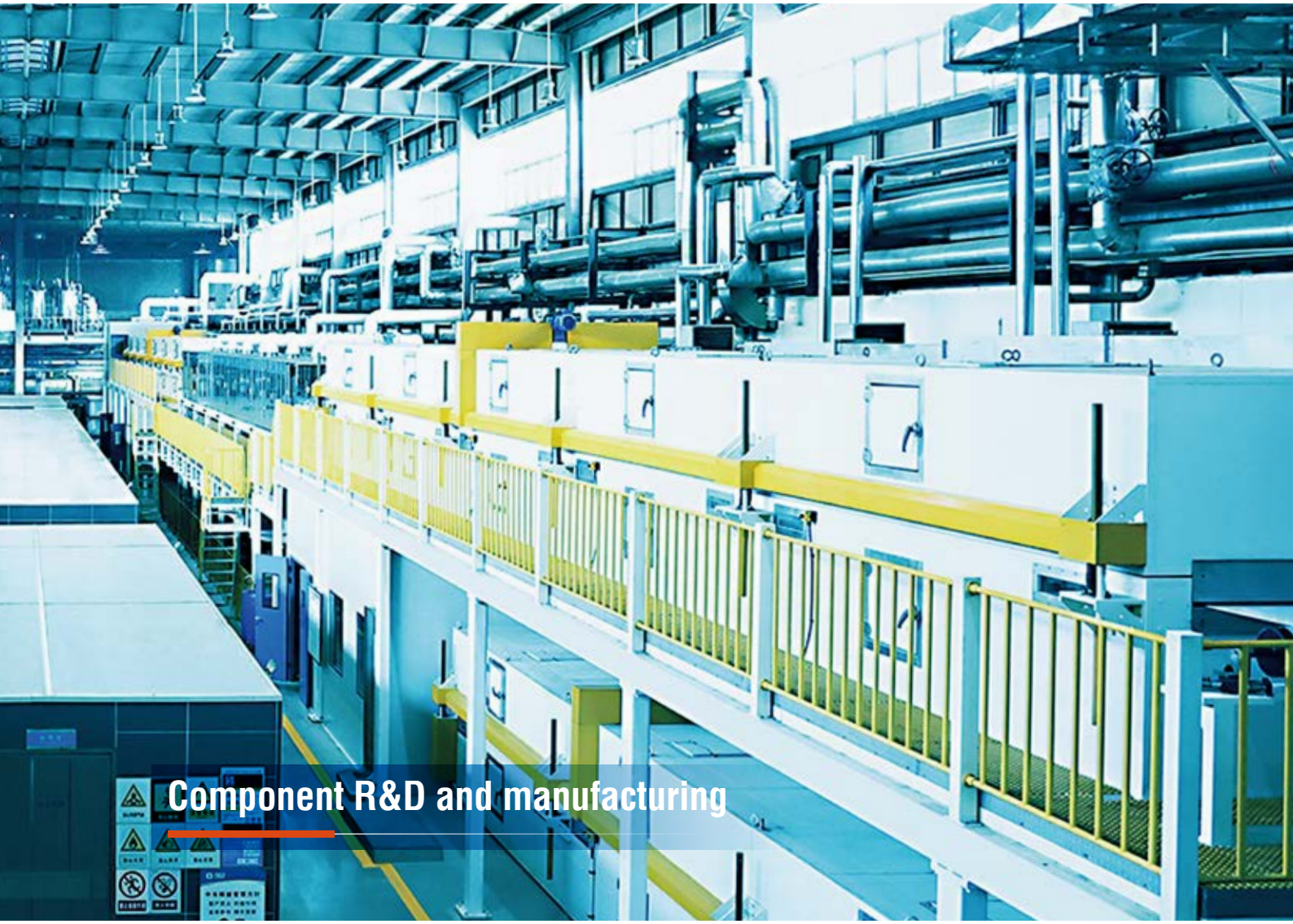
◎ Dual-stage high-precision slit coating technology

Stable and controllable | High precision | High speed

◎ Regulate membrane flux by precisely controlling the structure and morphology of separation cortex.



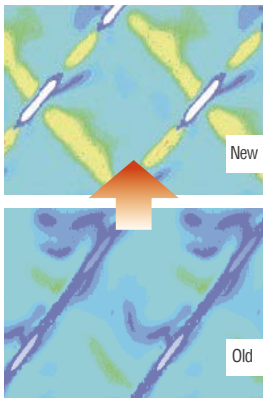
Low — Water flux — High



Component R&D and manufacturing

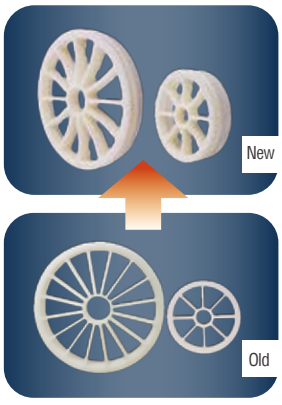
◎ Component technique iterative development

◎ Concentrate grid structure improvement, promoting membrane surface flow velocity

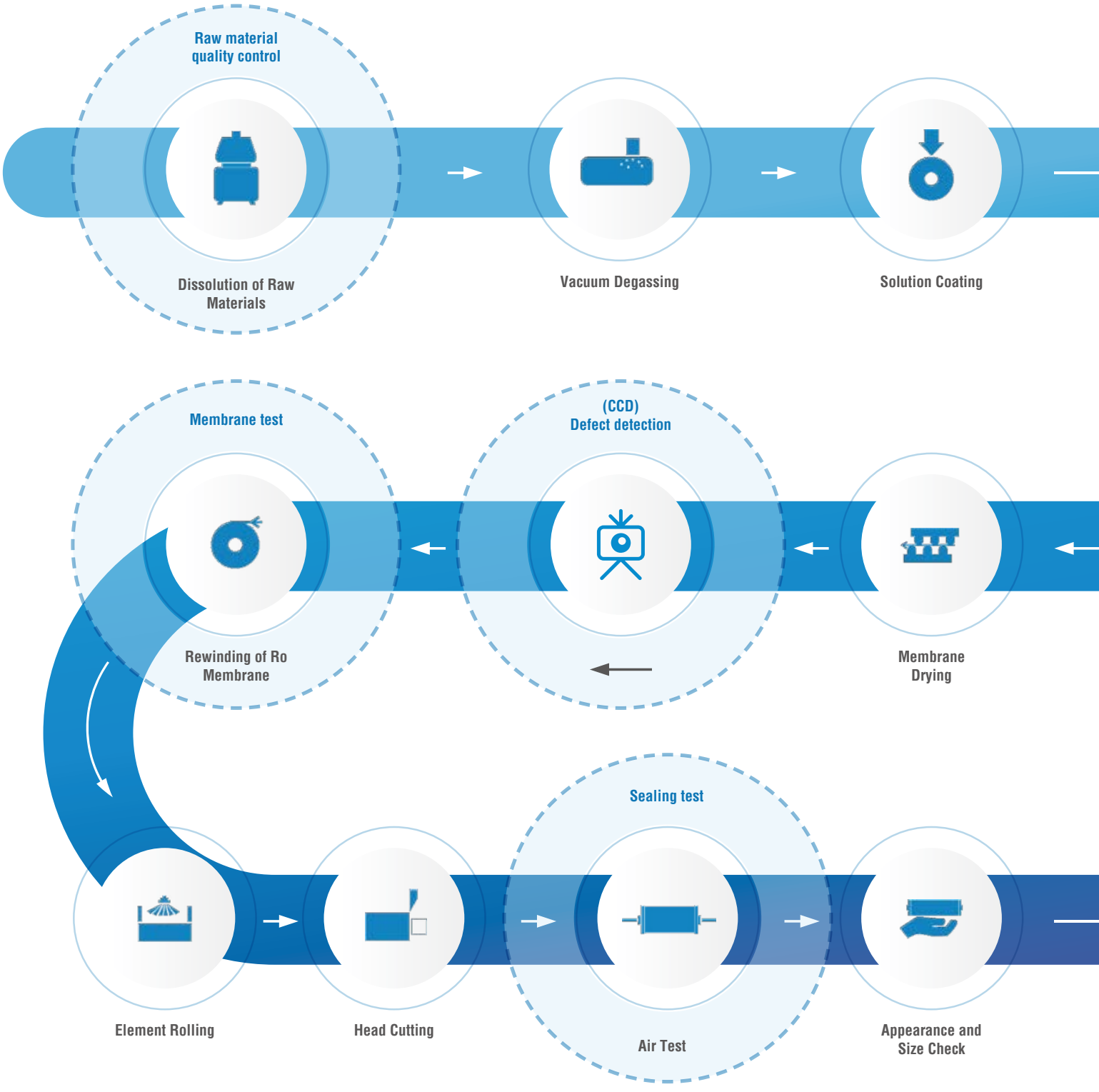


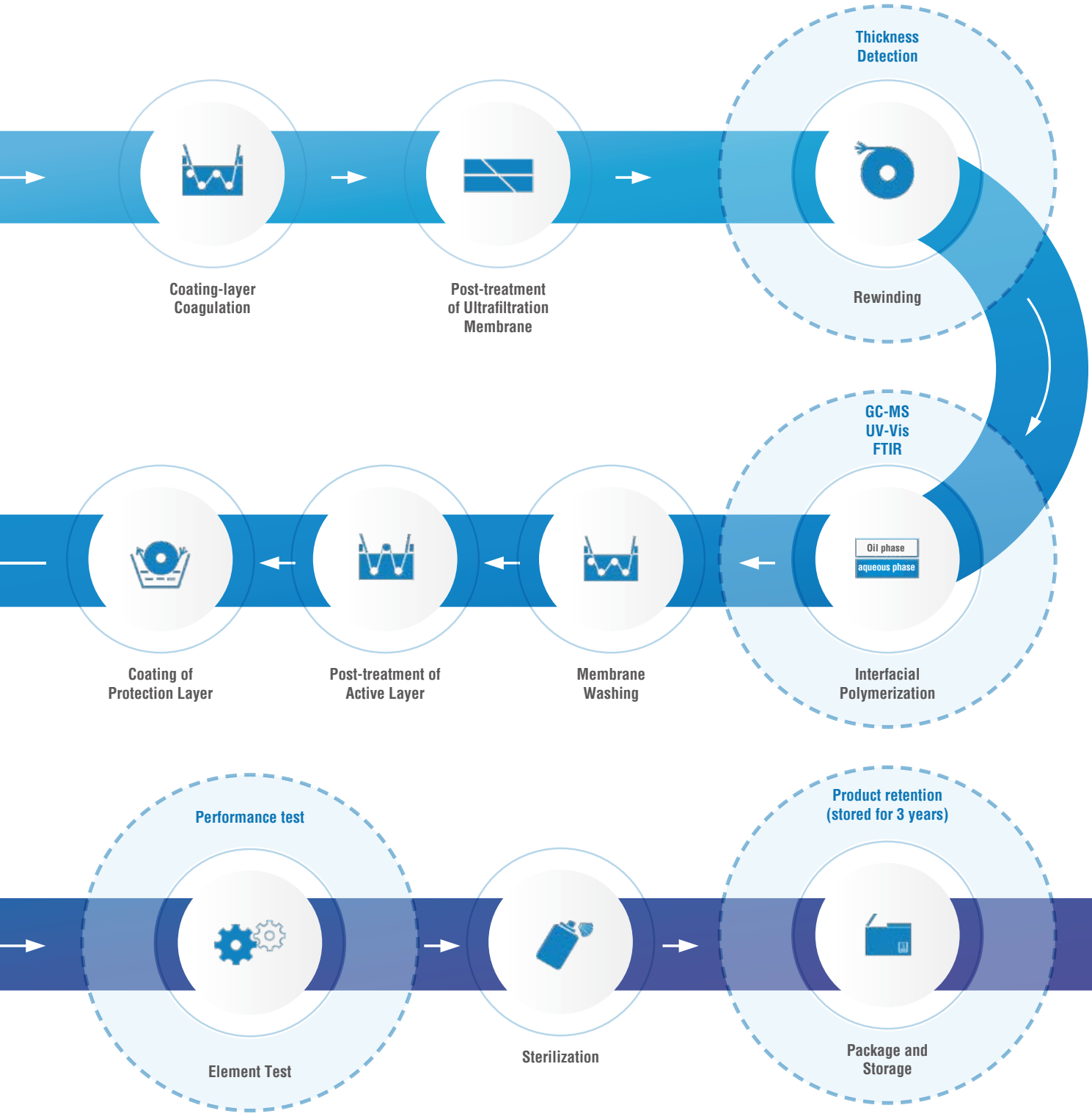
◎ Patent U arc water distribution end cover technology, improving compressive strength by 50%

(Invention patent number: CN 207822812 U)



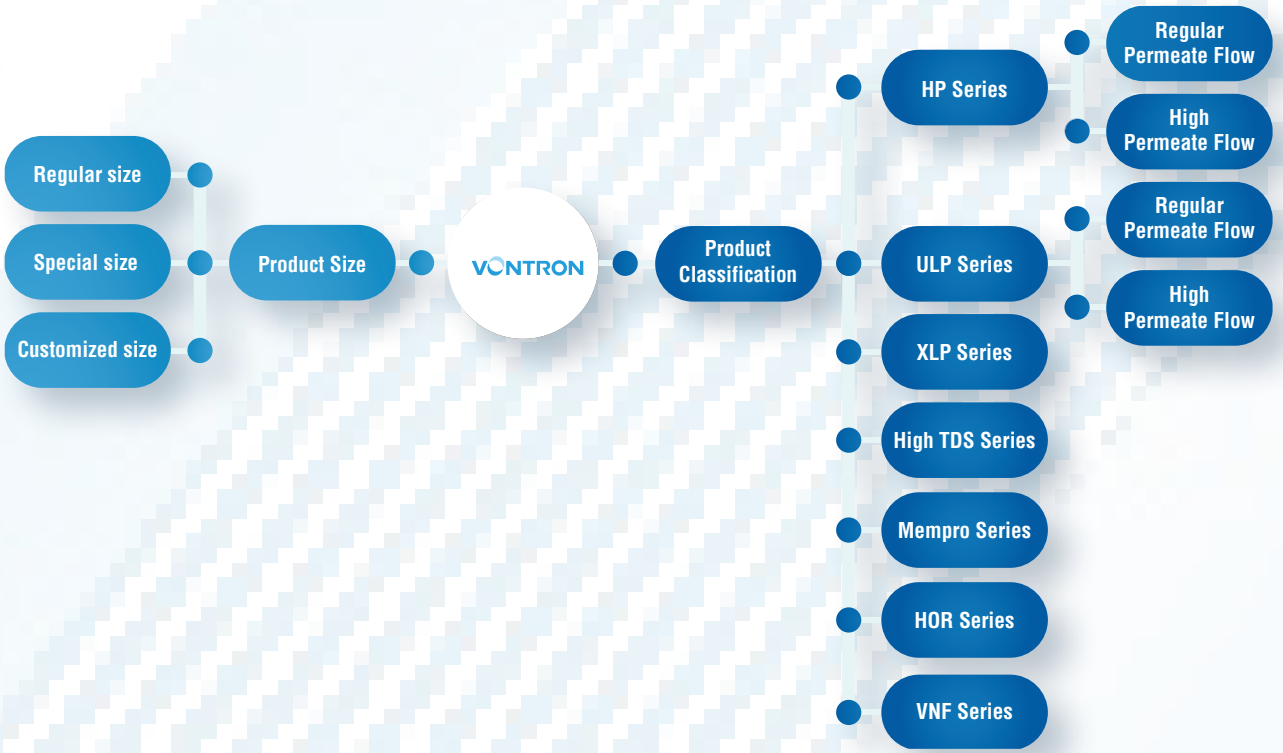
TRACEABLE QUALITY CONTROL



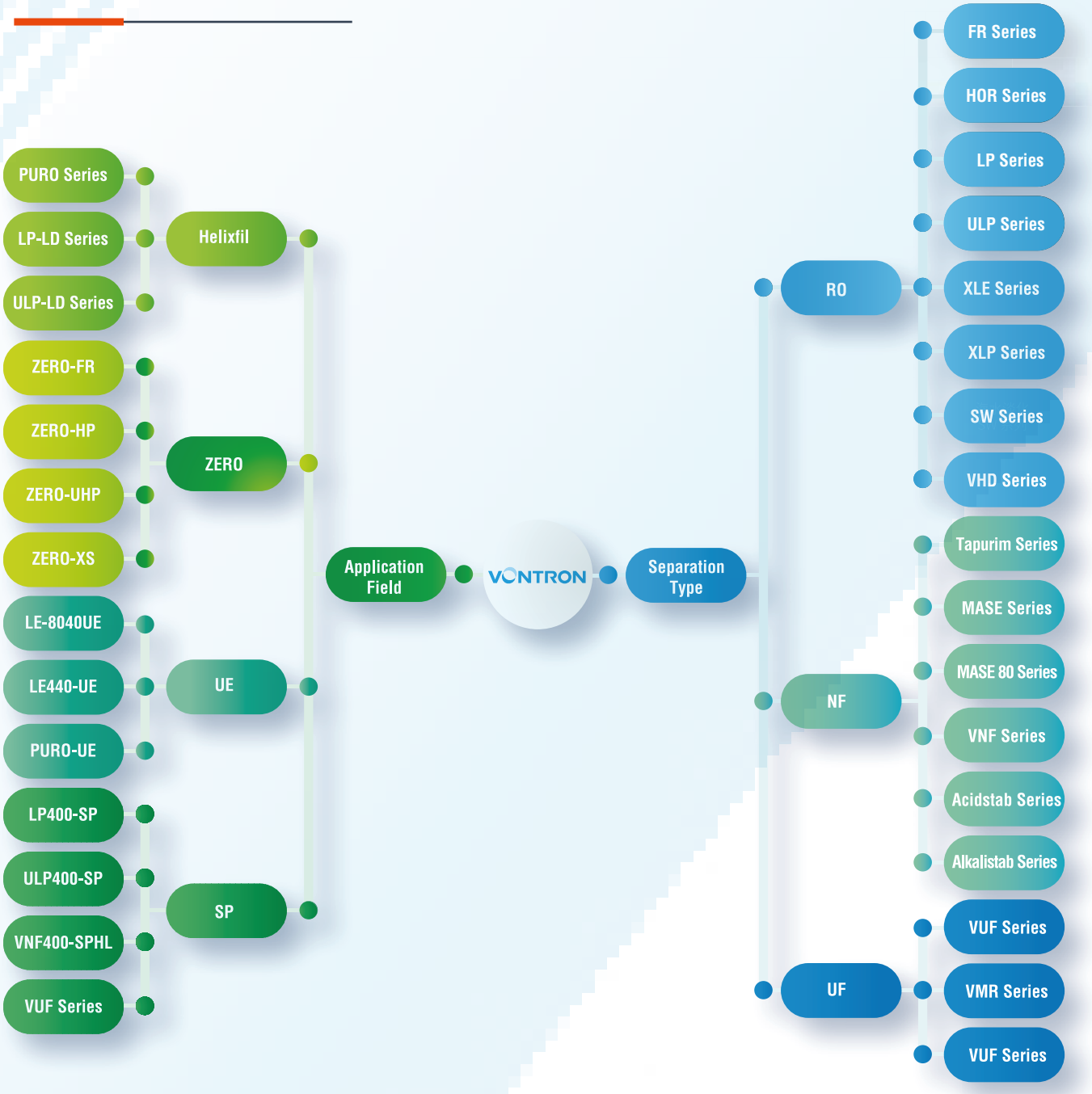

Thickness Detection
Coating-layer Coagulation
Post-treatment of Ultrafiltration Membrane
Rewinding
GC-MS
UV-Vis
FTIR
Oil phase
aqueous phase
Coating of Protection Layer
Post-treatment of Active Layer
Membrane Washing
Interfacial Polymerization
Performance test
Element Test
Sterilization
Product retention (stored for 3 years)
Package and Storage

PRODUCT FAMILY

Residential Series



Industrial Series



Performance of Industrial RO Membrane

Major Properties of Industrial RO Membrane

Type	Model	Rejection Rate (%)	Permeate Flow GPD (m^3/d)	Effective Membrane Area ft^2(m^2)	Spacer Thickness (mil)	Test Conditions		
						Test Pressure psi(MPa)	Solution Concentration of NaCl (ppm)	Recovery Rate(%)
Helixfil Series	LP400-LD	99.7	10500(39.7)	400(37.2)	34-LD	225(1.55)	2000	15
	LP440-MAX	99.7	12500(47.3)	440(40.9)	28			
	ULP400-LD	99.5	10500(39.7)	400(37.2)	34-LD	150(1.03)	1500	15
	ULP440-MAX	99.5	12000(45.4)	440(40.9)	28			
	PURO-FRLE	99.6	10500(39.7)	400(37.2)	34-LD	150(1.03)	2000	15
	PURO-Ⅰ	99.75	10500(39.7)	400(37.2)	34	225(1.55)	2000	15
	PURO-Ⅱ	99.8	11500(43.5)	400(37.2)	34-LD			
ZERO Liquid Discharge Series	ZERO-FR10	99.7	11500(43.5)	400(37.2)	34	225(1.55)	2000	15
	ZERO-HP70	99.75	8800(33.3)	400(37.2)	34	800(5.52)	32000	8
	ZERO-UHP120	99.7	7400(28.0)	400(37.2)	34			
	ZERO-XS90	99	8300(31.4)	400(37.2)	34	100(0.69)	2000$MgSO_4$	15
Ultra-pure Water Series	LE-8040UE	99.5	11500(43.5)	400(37.2)	34	150(1.03)	1500	15
	LE440-UE	99.3	12000(45.4)	440(40.9)	28			
	PURO-UE	99.6	11500(43.5)	400(37.2)	34	225(1.55)	2000	15
Food and Beverage Applications Series	LP400-SP	99.7	10500(39.7)	400(37.2)	34-LD	225(1.55)	2000	15
	ULP400-SP	99.5	10500(39.7)	400(37.2)	34-LD	150(1.03)	1500	
	VNF400-SPHL	96.0	12500(47.3)	400(37.2)	28	70(0.48)	2000$MgSO_4$	

Type	Model	MWCO (Da)	Permeate Flow GPD (m^3/d)	Effective Membrane Area ft^2(m^2)	Spacer Thickness (mil)	Test Conditions		
						Test Pressure psi(MPa)	Solution Concentration 1000mg/L	Recovery Rate(%)
Food and Beverage Applications Series	VUF400-SP/2K	2000	5000(20.8)	400(37.2)	31	80(0.56)	PEG2000	15
	VUF400-SP/6K	6000	6500(24.6)	400(37.2)	31	60(0.41)	PEG6000	
	VUF400-SP/10K	10000	7000(26.5)	400(37.2)	31	40(0.28)	PEG10000	
	VUF400-SP/20K	20000	10500(39.7)	400(37.2)	31		PEG20000	

Type	Model	Rejection Rate (%)	Permeate Flow GPD (m^3/d)	Effective Membrane Area $ft^2(m^2)$	Spacer Thickness (mil)	Test Conditions		
						Test Pressure psi(MPa)	Solution Concentration of NaCl (ppm)	Recovery Rate(%)
Extra Low Pressure Element	XLP12-8040	99.2	12800(48.4)	400(37.2)	28	100(0.69)	500	15
	XLP11-4040	99.2	2600(9.8)	100(9.3)	28			
Low Energy Consumption Elements	XLE-4040HR	99	3500(13.2)	100(9.3)	28	150(1.03)	500	15
	XLE-4040HF	98.2	4200(15.9)	100(9.3)	28			
	XLE-4040	98.5	3500(13.2)	100(9.3)	28			
Ultra Low Pressure Element	ULP22-8040	99	12100(45.8)	400(37.2)	28	150(1.03)	1500	15
	ULP32-8040	99.5	10500(39.7)	400(37.2)	28			
	ULP32-8040/31	99.5	10500(39.7)	400(37.2)	31			
	ULP32-8040-440	99.3	12650(47.9)	440(40.9)	28			
	ULP21-4040	99.5	2600(9.8)	100(9.3)	28			
	ULP31-4040	99.6	2000(7.6)	100(9.3)	28			
	ULP21-4021	99	950(3.6)	36(3.3)	28			8
	ULP21-2521	99	300(1.1)	14(1.3)	28			
	ULP21-2540	99	750(2.8)	30(2.8)	28			15
Low Pressure Element	LP22-8040	99.7	10500(39.7)	400(37.2)	28	225(1.55)	2000	15
	LP22-8040/31	99.7	10500(39.7)	400(37.2)	31			
	LP22-8040-440	99.7	11500(43.5)	440(40.9)	28			
	LP22-8040PRO	99.7	11000(41.6)	400(37.2)	28			
	LP21-4040	99.6	2800(10.6)	100(9.3)	28			
Fouling Resistant Element	FR12-8040	99.5	10500(39.7)	400(37.2)	34	225(1.55)	2000	15
	FR22-8040PRO	99.7	11000(41.6)	400(37.2)	34			
	FR400-LD	99.6	10500(39.7)	400(37.2)	34			
	FR11-4040	99.5	2200(8.3)	90(8.4)	34			
High Oxidation Resistant Element	HOR22-8040	99.5	9000(34.0)	400(37.2)	28	225(1.55)	2000	15
	HOR21-4040	99.5	2200(8.3)	90(8.4)	28			
Heat Sanitizable RO Element	VHD-8040/34G	98	9000(34.0)	400(37.2)	34	150(1.03)	2000	15
	VHD-4038G	98	2100(7.9)	90(8.4)	28			
High Oxidation Resistant Element	HOR22-8040	99.5	9000(34.0)	400(37.2)	28	225(1.55)	2000	15
	HOR21-4040	99.5	2200(8.3)	90(8.4)	28			
Sea Water Desalination Element	SW8040XHR-400	99.85	6000(22.7)	400(37.2)	28	800(5.52)	32000	8
	SW8040XHR-440	99.85	6600(25.0)	440(40.9)	28			
	SW8040FR-400	99.8	8200(31.0)	400(37.2)	34			
	SW8040HR-400	99.8	7500(28.4)	400(37.2)	28			
	SW8040HR-440	99.8	8250(31.2)	440(40.9)	28			
	SW8040LE-400	99.8	9000(34.0)	400(37.2)	28			
	SW8040LE-440	99.8	9500(35.9)	440(40.9)	28			
	SW8040XLE-400	99.7	11000(41.6)	400(37.2)	28			
	SW8040XLE-440	99.7	12100(45.8)	440(40.9)	28			
	SW4040HR	99.8	1600(6.1)	90(8.4)	28			
	SW4040LE	99.7	1900(7.2)	90(8.4)	28			
	SW11-4021	99.5	750(2.8)	33(3.1)	28			4

Continued Table

Sea Water Desalination Element	SW11-2521	99.5	270(1.0)	12(1.1)	28	800(5.52)	32000	4
	SW11-2540	99.5	600(2.3)	28(2.6)	28			8
	SW21-2540	99.7	700(2.6)	28(2.6)	28			

Performance of Industrial NF Membrane

Major Properties of NF Membrane

Type	Model	Rejection Rate (%)	Permeate Flow GPD (m^3/d)	Spacer Thickness (mil)	Test Conditions		
					Test Pressure psi(MPa)	Solution Concentration of NaCl (ppm)	Recovery Rate(%)
Water Treatment Nanofiltration Membrane Element	VNF1-8040	98	10000(37.9)	28	100(0.69)	2000 $MgSO_4$	15
	VNF2-8040	97	10500(39.7)	28			
	VNF1-4040	98	2000(7.5)	28			
	VNF2-4040	97	2400(9.1)	28			
	VNF1-2540	98	650(2.46)	28			
	VNF2-2540	97	750(2.84)	28			
Municipal Water Nanofiltration Membrane Element	TAPU-LS	95	12000(45.4)	34-LD	70(0.48)	Tested in mixed solution of NaCl, $MgSO_4$ and $CaCl_2$	15
	TAPU-MS	95	9000(34.1)	34-LD			
	TAPU-HS	95	8000(30.3)	34-LD			
	TAPU4040-LS	95	2200(8.3)	34-LD			
	TAPU4040-MS	95	2000(7.6)	34			
	TAPU4040-HS	95	1700(6.4)	34-LD			
Material Separation NF Membrane Element	MASE-SP	92	12000(45.4)	34-LD	100(0.69)	2000 $MgSO_4$	15
	MASE-SL	98	12000(45.4)	34-LD			
	MASE-PS	98.5	12000(45.4)	34-LD			
	MASE-CR	95	12000(45.4)	34-LD			
High Pressure Nanofiltration Membrane Element	MASE-SL 80	98	8200(31.0)	28	100(0.69)	2000 $MgSO_4$	15
	MASE-CR 80	95	9500(35.9)	28			
Acid-resistant Nanofiltration Membrane Element	Acidstab NF-8040	97	3700(14.0)	Customizable	110(0.76)	2000 $MgSO_4$	15
	Acidstab NF-4040	97	900(3.4)	Customizable			
	Acidstab NF-2540	97	200(0.76)	Customizable			
Alkali-resistant Nanofiltration Membrane Element	Alkalistab NF-8040	97	3600(13.6)	Customizable	110(0.76)	2000 $MgSO_4$	15
	Alkalistab NF-4040	97	800(3.0)	Customizable			
	Alkalistab NF-2540	97	190(0.72)	Customizable			

Performance of Industrial UF Membrane

Major Properties of UF Membrane

Type	Model	Permeate Flow GPD (m^3/d)	Test Conditions			
			Testing Pressure psi(MPa)	Test Solution	Solution Concentration (ppm)	Recovery Rate(%)
Spiral Wound Ultrafiltration Membrane Element	VUF8040-4K/31F	6000(22.7)	60(0.41)	PEG 4000	1000	15
	VUF8040-6K/31F	6500(24.6)		PEG 6000		
	VUF8040-8K/31F	9500(35.9)		PEG 8000		
	VUF8040-10K/31F	7000(26.5)	40(0.28)	PEG 10000	1000	
	VUF8040-20K/31F	10500(39.7)		PEG 20000		
	VUF8040-67K/31F	25000(94.6)	40(0.28)	BSA	300	

Type	Model	Effective Membrane Area (m^2)	Weight (Kg)	W×H×T (mm)	Average Membrane Pore Size (μm)
Flat Ultrafiltration MembraneElement	VMR 88	0.88	2.34	490*1000*7	0.1
	VMR 160	1.6	3.73	515*1750*7	0.1

Type	Model	Effective Membrane Area (m^2)	Design Flux LMH	Nominal Aperture μm	Membrane Filament Material	Manufacturing Technique
Hollow Fiber UF Membrane Element	VUF-2860	51	30-120	0.02	PVDF	NIPS
	VUF-2880	77	30-120	0.02	PVDF	NIPS
	VUF-2860T	51	35-120	0.08	PVDF	TIPS
	VUF-2880T	77	35-120	0.08	PVDF	TIPS
	VUF-i1066	50	40-200	0.02	PES	NIPS
	VUF-i1066X	60	40-200	0.02	PES	NIPS

Type	Model	Effective Membrane Area (m^2)	Design Flux LMH	Nominal Aperture μm	Membrane Filament Material	Manufacturing Technique
Hollow Fiber MBR Membrane	VUF-ME32	32	5-30	0.03	PVDF+PET	NIPS
	VUF-ME34	34.4	5-30	0.03	PVDF+PET	NIPS
	VUF-ME40	40	5-30	0.03	PVDF+PET	NIPS

Type	Model	Effective Membrane Area (m^2)	Design Flux LMH	Nominal Aperture μm	Membrane Filament Material	Manufacturing Technique
Hollow Fiber Submerged Ultrafiltration Membrane	VUF-S35	35	25-60	0.02	PVDF	NIPS

Performance of Residential RO Membrane

Major Properties of Residential Membrane

Type	Model	Permeate flow GPD (m^3/d)	Rejection Rate (%)	Min. Rejection (%)	Testing Conditions			Product Size mm	
					Pressure psi (MPa)	Concentration NaCl (ppm)	Recovery (%)	Length	Diameter
HP Series	HP1812-50	50 (0.19)	99	98	60 (0.41)	250	60	298	46
	HP1812-80	80 (0.30)	99	98					46
	HP2012-100	100 (0.38)	98	97					48
	HP3012-400	400 (1.51)	98	97	100 (0.69)				73
	HP3012-600	600 (2.27)	98	97					73
High TDS Series	HT3-1812-80	80 (0.30)	98.5	97.5	60 (0.41)	250	15	298	46
	HT3-2012-100	100 (0.38)	98	97					48
	HT3-2012-150	150 (0.56)	98	97					48
Mempro Series	M80	80 (0.30)	98	96	80 (0.55)	250	15	298	44
	M100	100 (0.38)	98.5	96.5					46
ULP Series	ULP1810-75	75 (0.28)	98	96	60 (0.41)	250	15	256	44
	ULP2010-80	80 (0.3)	98	96					47.5
	ULP2010-100	100 (0.38)	98	96					47.5
	ULP1812-50	50 (0.19)	99	97				298	46
	ULP1812-75	75 (0.28)	98	96					46
	ULP2012-100	100 (0.38)	99	97					48
	ULP2012-125	125 (0.48)	99	97					48
	ULP2812-300	300 (1.13)	98.5	96.5	100 (0.69)				68
	ULP3012-300	300 (1.13)	98.5	96.5			40		73
	ULP3012-400	400 (1.51)	98.5	96.5					73
	ULP3012-500	500 (1.89)	98	96			50		73
	ULP3012-600	600 (2.27)	98	96					73
	ULP3012-800	800 (3.02)	97	95					73
	ULP3013-400	400 (1.51)	98.5	97.5			40	333	67.8
	ULP3013-500	500 (1.89)	98	96			50	333	67.8
	ULP3013-600	600 (2.27)	98	96					67.8
	ULP3013-800	800 (3.02)	97	95					67.8

Type	Model	Permeate flow GPD (m^3/d)	Rejection Rate (%)	Min. Rejection (%)	Testing Conditions			Product Size mm	
					Pressure psi (MPa)	Concentration NaCl (ppm)	Recovery (%)	Length	Diameter
ULP Series	ULP3113-800	800(3.02)	98	96	100(0.69)	250	50	333	78
	ULP3113-1000	1000(3.78)	98	96					78
HOR Series	HOR2012-50	50(0.19)	98	96	60(0.41)	250	15	298	48

Performance of Residential NF Membrane

Major Performance of Residential NF Membrane

Type	Model	Permeate flow GPD (m^3/d)	Solution Concentration	Recovery (%)	Product Size mm	
					Length	Diameter
NF Series	VNF-1812	100 (0.38)	NaCl	30±10	298	46
			$CaCl_2$	85		
	VNF-2012	120 (0.45)	NaCl	30±10		48
			$CaCl_2$	85		
	VNF-3012	400 (1.51)	NaCl	30±10		73
			$CaCl_2$	85		

Globally, more than 70 million households are using VONTRON residential elements.

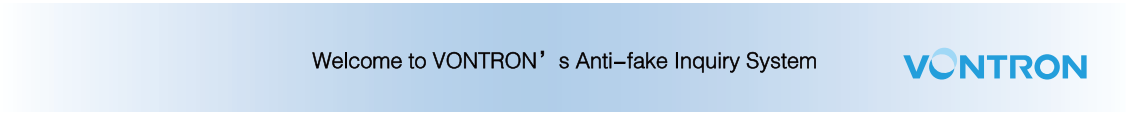
Note: For detailed model information and product performance, please refer to the VONTRON website (www.vontron.com).

Anti-Fake Inquiry

Anti-fake query platform

The first way

To input the 20-digit anti-fake code at http://track.vontron.com.

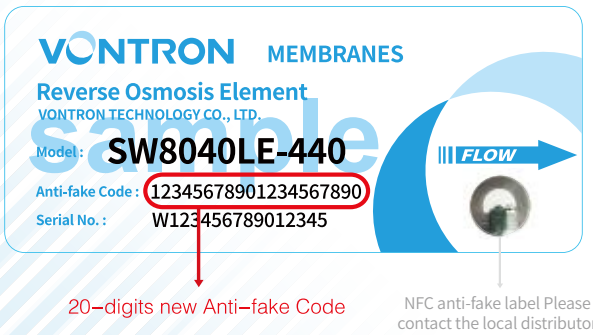


Click here to input 9 digits tracking number

Please input the 20 digits Anti-fake Code

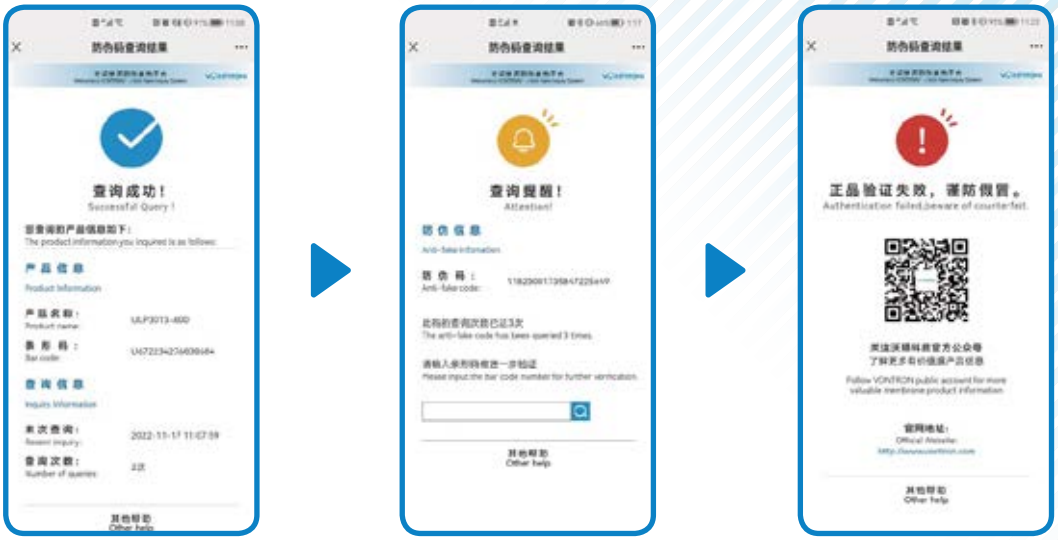
Residential

Industrial



The second way

To use mobile phone to scan the anti-fake code on the tag, the result will be displayed.



Notice

After the anti-fake platform is upgraded, in order to satisfy with the query in the transitional stage, the 9-digit tracking code used by the original tag will also exist for a period of time. You can logon website http://track.vontron.com and click on the “Click here to input 9 digits tracking number” to enquiry.

Other Help

Wechat:

Facebook:

COOPERATIVE PARTNER

Municipal

青岛水务 QINGDAO WATER

ECO-IND 深凯工业

方洋水务 FANGYANG WATER

SiHai WATER TREATMENT 四海水处理

F.M

KINTECH KINTECH Technology Co., Ltd.

久科环保 JIU KE HUAN BAO

贵仁水务

Water Purification

GREE 格力

Haier 海尔

Joyoung 九阳

Midea

7 ELEVEN

Unilever

KAROFI THE EXPERT IN WATER PURIFICATION ENSURE YOUR HEALTHY LIFE

ecosoft

ANGEL 安吉尔 高端净饮水专家

AQUAPHOR water filters

沁园 TRULIVA

LONSID 朗诗德

Chemical

中化 sinochem 科学至上

LUXI

ЛУКОЙЛ

中元众诚

宜昌西部化工有限公司 YICHANG THE WESTERN CHEMICAL CO.,LTD

Kailin

HUAYI 上海华谊(集团)公司 SHANGHAI HUAYI (GROUP) COMPANY

NAALE®

泰升 TaiSheng

中天合创 ZTHC ENERGY

湖北双环科技股

Food & Beverage

娃哈哈

农夫山泉 NONGFU SPRING

TSINGTAO 青岛啤酒

雪花

光明乳业

紫燕食品

Ganten 泉田

華潤怡宝 CR C'ESTBON

Coca-Cola

Power

CRM 中国铁物
中国华能 CHINA HUANENG
国家能源集团 CHN ENERGY
K. WAH GROUP 嘉華集團
中电投集团公司
YINGLI SOLAR
Eskom
C&D 建发兆昱
大唐集团公司 CHINA DATANG
中国华电集团公司 CHINAHUADIANCORP
魏橋創業 WEIQIAO PIONEERING

Petrochemical

Sinopec
中煤集团
中国海油 CNOOC
宝硕股份 HEBEI BAOSHUO CO.,LTD
高露潔 Colgate
1905
HARVIN
广汇清洁炼化
TIANHE 天合化工 TIANHE CHEMICALS

Electronics

LONGi 隆基
长虹 CHANGHONG
EATON Powering Business Worldwide
GLOBAL FOUNDRIES
FOXCONN
Trinasolar 天合光能
YINGLI 英利集团
JA SOLAR 晶澳太阳
KUNCAI

Metallurgical

BAOWU
SINOMA
CHALCO 中国铝业
TISCO 太原钢铁(集团)有限公司 TAIYUAN IRON AND STEEL (GROUP) CO., LTD.
HBIS GROUP

APPLICATION CASES

Power Industry

…… Boiler supply water 50,000 m³/d，RO | Boiler supply water 150,000m³ /d, RO | Boiler supply water 180,000m³ /d, RO ……

Steel Industry

…… Reuse of reclaimed water 40,000m³ /d, RO | Reuse of reclaimed water 50,000m³ /d, RO | Reuse of reclaimed water 33,000m³ /d, RO ……

Chemical Industry

…… Reuse of coal chemical industry wastewater 37,000m³ /d, RO | Reuse of coal chemical industry wastewater 60,000m³ /d, RO, NF | Reuse of coal chemical industry wastewater 20,000m³ /d, RO ……

Material Separation Industry

..... Hardness removal and denitrification of bine 20,000m³ /d, NF

Hardness removal and denitrification of bine 30,000m³ /d, NF

Denitrification and salt refining of brine 10,000m³ /d, NF .....

Municipal Water Supply Industry

..... Municipal water supply 50,000m³ /d, NF

Municipal water supply 138,000m³ /d, NF

Municipal water supply 30,000m³ /d, RO .....

Municipal Wastewater Industry

..... Near zero emission project 50,000m³ /d

Reuse of municipal wastewater 25,000m³ /d, RO

Near zero emission project 50,000m³ /d .....

SERVICES

Provide full-process and full-cycle technical services for membrane products

Pre-sales technical support

Pre-sales technical exchange
Suggestions for water treatment technological process design
RO system design scheme
Technical parameter document for bidding
Water quality monitoring and analysis

In-sale technical services

In-sales technical exchange
Small experiment and pilot scale experiment measurement
Guide to installation and debugging
Analysis on optimization suggestions after RO operation

After-sales technical services

System fault troubleshooting and handling
Guide to chemical cleaning
Follow-up of product
Analysis on membrane element return inspection
Pollutant analysis

OVERSEAS SERVICE NETWORK

Rooted in China, serve for the whole world

Certified to NSF/ANSI 58 and NSF/ANSI 61, VONTRON RO membrane elements have been sold in most regions of China, as well as in the United States, Japan, Argentina, India, Italy, Vietnam, Turkey, Singapore, the United Arab Emirates, Morocco, and other countries and regions. With excellent quality and brand effect, VONTRON is fully recognized by international market.

SOCIAL RESPONSIBILITY

Insisting on pollution-free production process

We vigorously carry out environmental protection and governance within the company, establish and improve the environmental protection management system, focusing on hidden dangers such as waste emissions, etc. during the production process. Our goal is to achieve green and sustainable development.

Providing the market with high-quality products

Driven by four major strategies: strategic R&D, refined production, high-standard quality control, and comprehensive services. We are dedicated to product technology innovation and the application of membrane technology. The key technical indices of our products are at the leading level in the domestic industry. We are committed to continuously promoting the upgrading of products and technologies to meet the market's demands for high-quality and diversified products.

Assisting in promoting and stabilizing the development of green industries

Assisting in promoting green industries with low-carbon products and supporting green development with innovative R & D. Vontron Technology Co., Ltd. radiates environmental protection leadership of R & D products to the entire industry, encouraging both upstream and downstream companies to pursue green future development paths and enhance core technology R&D.

Securing safe and health drinking water

Based on the strong technical expertise, Vontron Technology Co., Ltd. consistently enhances municipal water supply with advanced treatment, providing healthy and safe water to thousands of households. Every day, thousands of families around the world enjoy the pure and safe drinking water provided by the reverse osmosis membrane manufactured by our company.

VONTRON TECHNOLOGY CO., LTD.

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