



Type	Model No.	Salt Rejection (%)	Average Yield GPD	Operating Pressure: PSI (MPA)
Sea Water Commercial Membranes	OZ-SW-2521	99.5	300	800 (5.5)
	OZ-SW-2540	99.5	750	
	OZ-SW-4021	99.5	800	
	OZ-SW-4040	99.7	1950	
	OZ-SW-8040	99.7	9000	
Brackish Water Commercial Membranes	OZ-BW-2521	99.6	400	225 (1.5)
	OZ-BW-2540		900	
	OZ-BW-4021		1000	
	OZ-BW-4040		2500	
Low Pressure Commercial Membranes	OZ-LP-2521	99.7	400	150 (1.05)
	OZ-LP-2540		900	
	OZ-LP-4021		1000	
	OZ-LP-4040		2600	
Ultra Low Pressure (Xtra Low Energy) Commercial Membranes	OZ-XLE (ULP)-2521	99.7	400	100 (0.69)
	OZ-XLE (ULP)-2540		900	
	OZ-XLE-(ULP)4021		1100	
	OZ-XLE (ULP)-4040		2600	
	OZ-XLE (ULP)-8040		14000	

Type	Model No.	Salt Rejection (%)	Average Yield GPD	Operating Pressure: PSI (MPA)
TFC Household Membranes	OZ-1812-50/75	96.0	75	65 (0.45)
	OZ-2012-100		100	
	OZ-2012-125		125	
	OZ-2012-150		150	
	OZ-3012-200		200	
	OZ-3012-300		300	
XLP Household Membranes	OZ-XLP-150	93	75	29 (0.2)
	OZ-XLP-200		200	
	OZ-XLP-500		500	
	OZ-XLP-600		600	

Nano-Filtration	OZ-NF-2540	NaCl 40-60 MgSO ₄ >98	800	70 (0.5)
	OZ-NF-4040		2400	
	OZ-NF-6040		5500	
	OZ-NF-8040		12000	

Products Make up	Membrane Sheets	Toray	Assembled in China
	Adhesive	DOW	



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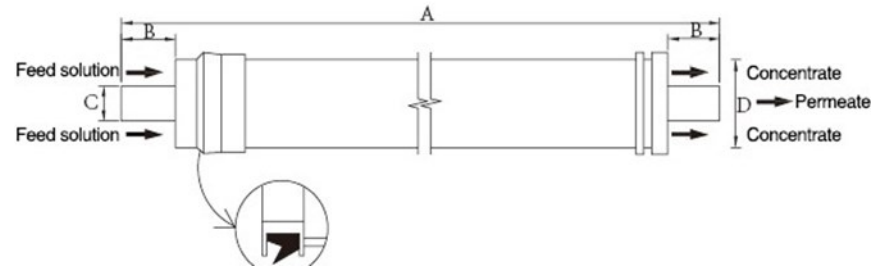
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SW-2521

Parameter	Spec
Model	OZ-SW-2521
Effective membrane area: ft ² (m ²)	12 (1.1)
Operating Pressure: PSI (MPA)	800 (5.5)
Average Yield: GPD (m ² /d)	300 (1.1)
Salt Rejection (%)	99.5%
Boron- removing rate (%)	93%
Recovery rate (%)	4
Feed Spacer (mil)	28
Test Temperature: F° (C°)	77 (25)
Max. feed Flow: GPM (m ³ /h)	6 (1.4)
Max Operating Pressure: PSI (MPA)	1000 (6.9)
Free Chlorine Concentration	<0.1
Continuous running water pH range	2-11
Chemical cleaning water pH range	1-12
Test Water Concentration (ppm)	32800
Test water pH	7.5
Max. Pressure Drop for Each Element: PSI (MPA)	10 (0.07)

Item	A	B	C	D
2521	21 (533.4)	1.05 (26.7)	0.75 (19.1)	2.4 (61)



Testing Conditions	Value
Feed Liquid Concentration: ppm NaCl	32800
Temperature: F° (C°)	77 (25)
pH value of Feed Water	7.5
Recovery (%)	4
Testing Pressure: PSI (MPA)	800 (5.5)



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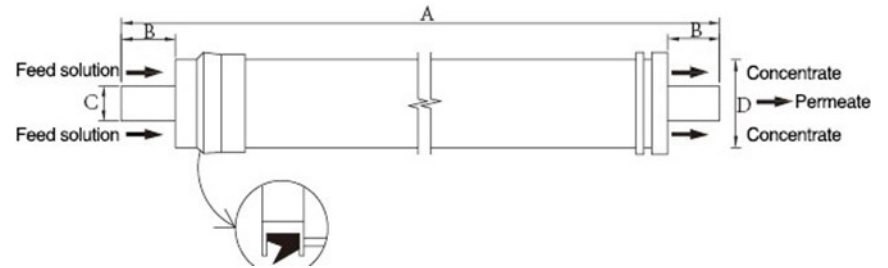
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SW-2540

Parameter	Spec
Model	OZ-SW-2540
Effective membrane area: ft ² (m ²)	30 (2.8)
Operating Pressure: PSI (MPA)	800 (5.5)
Average Yield: GPD (m ³ /d)	750 (2.6)
Salt Rejection (%)	99.5%
Boron- removing rate (%)	93%
Recovery rate (%)	8
Feed Spacer (mil)	28
Test Temperature: F° (C°)	77 (25)
Max. feed Flow: GPM (m ³ /h)	6 (1.4)
Max Operating Pressure: PSI (MPA)	1000 (6.9)
Free Chlorine Concentration	<0.1
Continuous running water pH range	2-11
Chemical cleaning water pH range	1-12
Test Water Concentration (ppm)	32800
Test water pH	7.5
Max. Pressure Drop for Each Element: PSI (MPA)	15 (0.1)

Item	A	B	C	D
2540	40 (1,016)	1.05 (26.7)	0.75 (19.1)	2.4 (61)



Testing Conditions	Value
Feed Liquid Concentration: ppm NaCl	32800
Temperature: F° (C°)	77 (25)
pH value of Feed Water	7.5
Recovery (%)	8
Testing Pressure: PSI (MPA)	800 (5.5)



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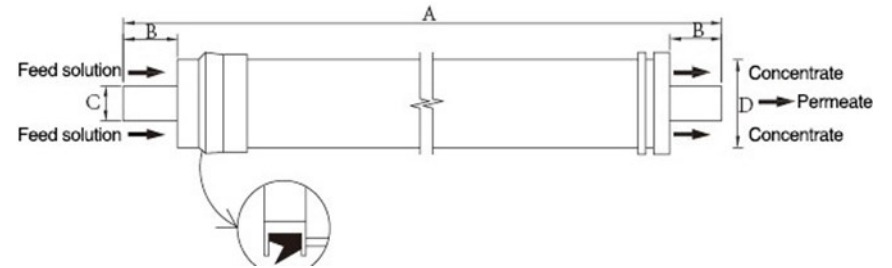
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SW-4021

Parameter	Spec
Model	OZ-SW-4021
Effective membrane area: ft ² (m ²)	33 (3.1)
Operating Pressure: PSI (MPA)	800 (5.5)
Average Yield: GPD (m ³ /d)	800 (3.0)
Salt Rejection (%)	99.5%
Boron- removing rate (%)	93%
Recovery rate (%)	4
Feed Spacer (mil)	28
Test Temperature: F° (C°)	77 (25)
Max. feed Flow: GPM (m ³ /h)	16 (3.6)
Max Operating Pressure: PSI (MPA)	1000 (6.9)
Free Chlorine Concentration	<0.1
Continuous running water pH range	2-11
Chemical cleaning water pH range	1-12
Test Water Concentration (ppm)	32800
Test water pH	7.5
Max. Pressure Drop for Each Element: PSI (MPA)	10 (0.07)

Item	A	B	C	D
4021	21 (533.4)	1.05 (26.7)	0.75 (19.1)	3.9 (99.9)



Testing Conditions	Value
Feed Liquid Concentration: ppm NaCl	32800
Temperature: F° (C°)	77 (25)
pH value of Feed Water	7.5
Recovery (%)	4
Testing Pressure: PSI (MPA)	800 (5.5)



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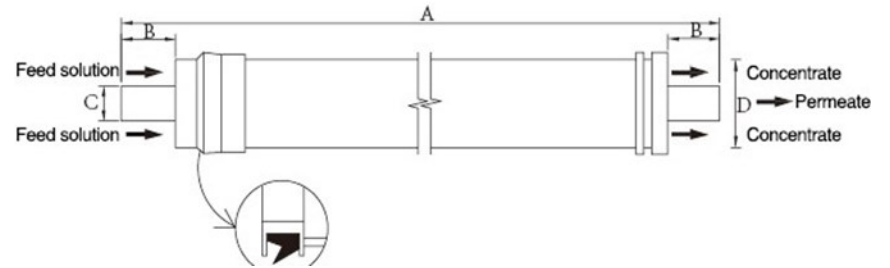
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SW-4040

Parameter	Spec
Model	OZ-SW-4040
Effective membrane area: ft ² (m ²)	85 (7.90)
Operating Pressure: PSI (MPA)	800 (5.5)
Average Yield: GPD (m ² /d)	1950 (7.4)
Salt Rejection (%)	99.7%
Boron- removing rate (%)	93%
Recovery rate (%)	8
Feed Spacer (mil)	28
Test Temperature: F° (C°)	77 (25)
Max. feed Flow: GPM (m ³ /h)	16 (3.6)
Max Operating Pressure: PSI (MPA)	1000 (6.9)
Free Chlorine Concentration	<0.1
Continuous running water pH range	2-11
Chemical cleaning water pH range	1-12
Test Water Concentration (ppm)	32800
Test water pH	7.5
Max. Pressure Drop for Each Element: PSI (MPA)	15 (0.1)

Item	A	B	C	D
4040	40 (1016)	1.05 (26.7)	0.75 (19.1)	3.9 (99.9)



Testing Conditions	Value
Feed Liquid Concentration: ppm NaCl	32800
Temperature: F° (C°)	77 (25)
pH value of Feed Water	7.5
Recovery (%)	8
Testing Pressure: PSI (MPA)	800 (5.5)



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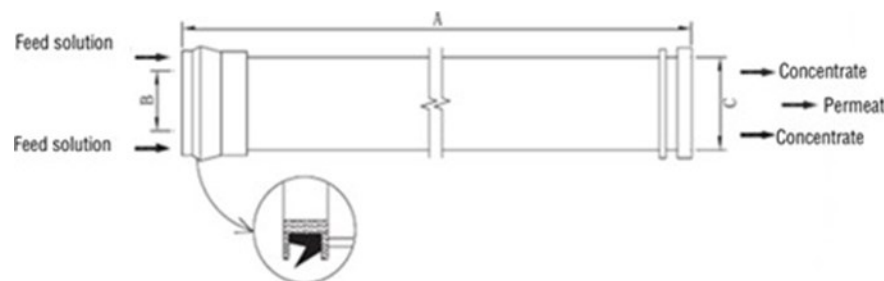
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SW-8040

Parameter	Spec
Model	OZ-SW-8040
Effective membrane area: ft ² (m ²)	400 (37)
Operating Pressure: PSI (MPA)	800 (5.5)
Average Yield: GPD (m ² /d)	9000 (34)
Salt Rejection (%)	99.75%
Boron- removing rate (%)	93%
Recovery rate (%)	8
Feed Spacer (mil)	31
Test Temperature: F° (C°)	77 (25)
Max. feed Flow: GPM (m ³ /h)	75 (17)
Max Operating Pressure: PSI (MPA)	1000 (6.9)
Free Chlorine Concentration	<0.1
Continuous running water pH range	2-11
Chemical cleaning water pH range	1-12
Test Water Concentration (ppm)	32800
Test water pH	7.5
Max. Pressure Drop for Each Element: PSI (MPA)	15 (0.1)

Item	A	B	C
8040	40 (1016)	1.10 (29)	7.90



Testing Conditions	Value
Feed Liquid Concentration: ppm NaCl	32800
Temperature: F° (C°)	77 (25)
pH value of Feed Water	7.5
Recovery (%)	8
Testing Pressure: PSI (MPA)	800 (5.5)



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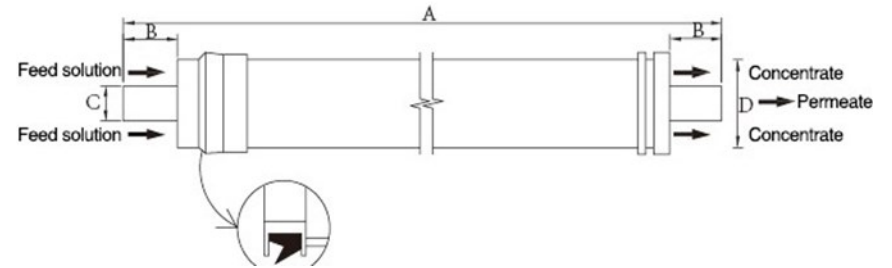
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BW-2521

Parameter	Spec
Model	OZ-BW-2521
Effective membrane area: ft ² (m ²)	13 (1.2)
Operating Pressure: PSI (MPA)	225 (1.55)
Average Yield: GPD (m ³ /d)	370 (1.4)
Salt Rejection (%)	99.2
Recovery rate (%)	8
Max Operating Pressure: PSI (MPA)	600 (4.2)
Max. Inflow Temperature: F° (C°)	113 (45)
Max. Inflow SDI	5
Max. Water Flow: GPM (m ³ /h)	6 (1.4)
Free Chlorine Concentration	<0.1
Continuous running water pH range	3-10
Chemical cleaning water pH range	2-11
Max. Pressure Drop for Each Element: PSI (MPA)	15 (0.1)

Item	A	B	C	D
2521	21 (533.4)	1.05 (26.7)	0.75 (19.1)	2.4 (61)



Testing Conditions	Value
Feed Liquid Concentration: ppm NaCl	2000
Temperature: F° (C°)	77 (25)
pH value of Feed Water	7.5
Recovery (%)	15
Testing Pressure: PSI (MPA)	225 (1.55)



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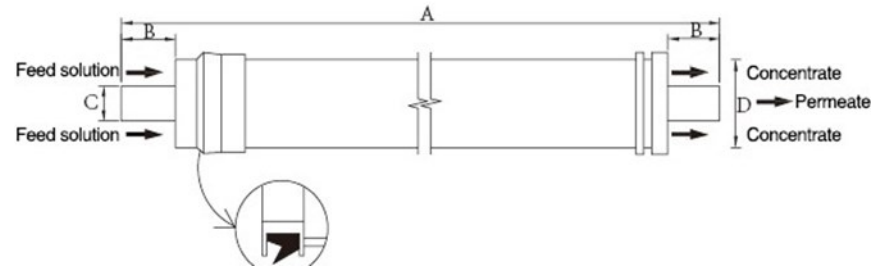
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BW-2540

Parameter	Spec
Model	OZ-BW-2540
Effective membrane area: ft ² (m ²)	28 (2.6)
Operating Pressure: PSI (MPA)	225 (1.55)
Average Yield: GPD (m ³ /d)	800 (3.0)
Salt Rejection (%)	99.2
Recovery rate (%)	15
Max Operating Pressure: PSI (MPA)	600 (4.2)
Max. Inflow Temperature: F° (C°)	113 (45)
Max. Inflow SDI	5
Max. Water Flow: GPM (m ³ /h)	6 (1.4)
Free Chlorine Concentration	<0.1
Continuous running water pH range	3-10
Chemical cleaning water pH range	2-11
Max. Pressure Drop for Each Element: PSI (MPA)	15 (0.1)

Item	A	B	C	D
2540	40 (1,016)	1.05 (26.7)	0.75 (19.1)	2.4 (61)



Testing Conditions	Value
Feed Liquid Concentration: ppm NaCl	2000
Temperature: F° (C°)	77 (25)
pH value of Feed Water	7.5
Recovery (%)	15
Testing Pressure: PSI (MPA)	225 (1.55)



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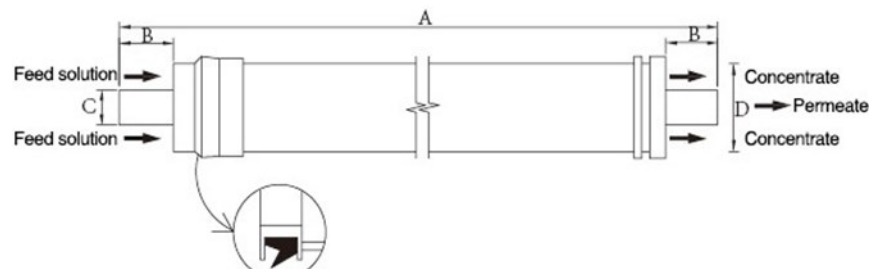
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BW-4021

Parameter	Spec
Model	OZ-BW-4021
Effective membrane area: ft ² (m ²)	36 (3.3)
Operating Pressure: PSI (MPA)	225 (1.55)
Average Yield: GPD (m ² /d)	1000 (3.78)
Salt Rejection (%)	99.2
Recovery rate (%)	8
Max Operating Pressure: PSI (MPA)	600 (4.2)
Max. Inflow Temperature: F° (C°)	113 (45)
Max. Inflow SDI	5
Max. Water Flow: GPM (m ³ /h)	15 (3.4)
Free Chlorine Concentration	<0.1
Continuous running water pH range	3-10
Chemical cleaning water pH range	2-11
Max. Pressure Drop for Each Element: PSI (MPA)	15 (0.1)

Item	A	B	C	D
4021	21 (533.4)	1.05 (26.7)	0.75 (19.1)	3.9 (99.9)



Testing Conditions	Value
Feed Liquid Concentration: ppm NaCl	2000
Temperature: F° (C°)	77 (25)
pH value of Feed Water	7.5
Recovery (%)	15
Testing Pressure: PSI (MPA)	225 (1.55)



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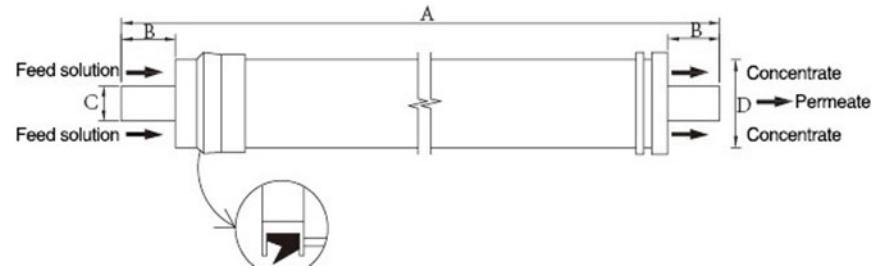
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BW-4040

Parameter	Spec
Model	OZ-BW-4040
Effective membrane area: ft ² (m ²)	85 (7.9)
Operating Pressure: PSI (MPA)	225 (1.55)
Average Yield: GPD (m ³ /d)	2500 (9.5)
Salt Rejection (%)	99.6
Recovery rate (%)	15
Max Operating Pressure: PSI (MPA)	600 (4.2)
Max. Inflow Temperature: F° (C°)	113 (45)
Max. Inflow SDI	5
Max. Water Flow: GPM (m ³ /h)	15 (3.4)
Free Chlorine Concentration	<0.1
Continuous running water pH range	3-10
Chemical cleaning water pH range	2-11
Max. Pressure Drop for Each Element: PSI (MPA)	15 (0.1)

Item	A	B	C	D
4040	40 (1016)	1.05 (26.7)	0.75 (19.1)	3.9 (99.9)



Testing Conditions	Value
Feed Liquid Concentration: ppm NaCl	2000
Temperature: F° (C°)	77 (25)
pH value of Feed Water	7.5
Recovery (%)	15
Testing Pressure: PSI (MPA)	225 (1.55)



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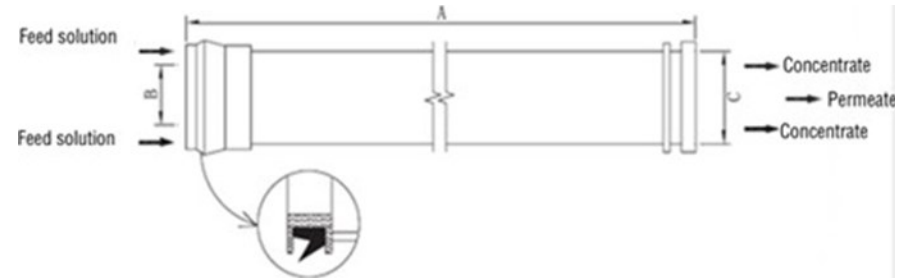
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BW-8040

Parameter	Spec
Model	OZ-BW-8040
Effective membrane area: ft ² (m ²)	400 (37)
Operating Pressure: PSI (MPA)	225 (1.55)
Average Yield: GPD (m ³ /d)	11000 (42)
Salt Rejection (%)	99.6
Recovery rate (%)	15
Max Operating Pressure: PSI (MPA)	600 (4.2)
Max. Inflow Temperature: F° (C°)	113 (45)
Max. Inflow SDI	5
Max. Water Flow: GPM (m ³ /h)	80 (18)
Free Chlorine Concentration	<0.1
Continuous running water pH range	2-11
Chemical cleaning water pH range	1-13
Max. Pressure Drop for Each Element: PSI (MPA)	15 (0.1)

Item	A	B	C
8040	40 (1016)	1.10 (29)	7.90 (201)



Testing Conditions	Value
Feed Liquid Concentration: ppm NaCl	2000
Temperature: F° (C°)	77 (25)
pH value of Feed Water	7.5
Recovery (%)	15
Testing Pressure: PSI (MPA)	225 (1.55)



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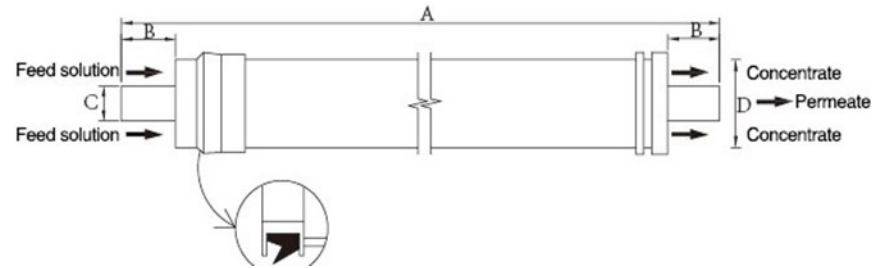
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LP-2521

Parameter	Spec
Model	OZ-LP-2521
Effective membrane area: ft ² (m ²)	13 (1.2)
Operating Pressure: PSI (MPA)	150 (1.05)
Average Yield: GPD (m ³ /d)	370 (1.4)
Salt Rejection (%)	99
Recovery rate (%)	8
Max Operating Pressure: PSI (MPA)	600 (4.2)
Max. Inflow Temperature: F° (C°)	113 (45)
Max. Inflow SDI	5
Max. Water Flow: GPM (m ³ /h)	6 (1.4)
Free Chlorine Concentration	<0.1
Continuous running water pH range	3-10
Chemical cleaning water pH range	2-11
Max. Pressure Drop for Each Element: PSI (MPA)	15 (0.1)

Item	A	B	C	D
2521	21 (533.4)	1.05 (26.7)	0.75 (19.1)	2.4 (61)



Testing Conditions	Value
Feed Liquid Concentration: ppm NaCl	1500
Temperature: F° (C°)	77 (25)
pH value of Feed Water	7.5
Recovery (%)	15
Testing Pressure: PSI (MPA)	150 (1.05)



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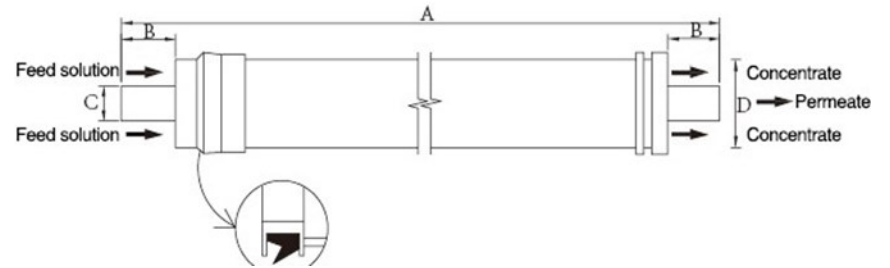
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LP-2540

Parameter	Spec
Model	OZ-LP-2540
Effective membrane area: ft ² (m ²)	28 (2.6)
Operating Pressure: PSI (MPA)	150 (1.05)
Average Yield: GPD (m ³ /d)	800 (3.0)
Salt Rejection (%)	99
Recovery rate (%)	15
Max Operating Pressure: PSI (MPA)	600 (4.2)
Max. Inflow Temperature: F° (C°)	113 (45)
Max. Inflow SDI	5
Max. Water Flow: GPM (m ³ /h)	6 (1.4)
Free Chlorine Concentration	<0.1
Continuous running water pH range	3-10
Chemical cleaning water pH range	2-11
Max. Pressure Drop for Each Element: PSI (MPA)	15 (0.1)

Item	A	B	C	D
2540	40 (1,016)	1.05 (26.7)	0.75 (19.1)	2.4 (61)



Testing Conditions	Value
Feed Liquid Concentration: ppm NaCl	1500
Temperature: F° (C°)	77 (25)
pH value of Feed Water	7.5
Recovery (%)	15
Testing Pressure: PSI (MPA)	150 (1.05)



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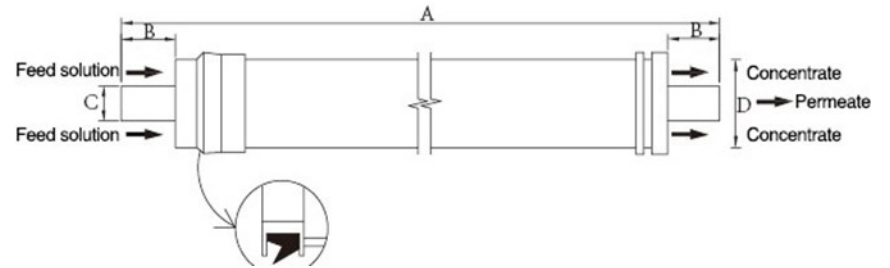
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LP-4021

Parameter	Spec
Model	OZ-LP-4021
Effective membrane area: ft ² (m ²)	36 (3.3)
Operating Pressure: PSI (MPA)	150 (1.05)
Average Yield: GPD (m ² /d)	1000 (3.78)
Salt Rejection (%)	99
Recovery rate (%)	8
Max Operating Pressure: PSI (MPA)	600 (4.2)
Max. Inflow Temperature: F° (C°)	113 (45)
Max. Inflow SDI	5
Max. Water Flow: GPM (m ³ /h)	15 (3.4)
Free Chlorine Concentration	<0.1
Continuous running water pH range	3-10
Chemical cleaning water pH range	2-11
Max. Pressure Drop for Each Element: PSI (MPA)	15 (0.1)

Item	A	B	C	D
4021	21 (533.4)	1.05 (26.7)	0.75 (19.1)	3.9 (99.9)



Testing Conditions	Value
Feed Liquid Concentration: ppm NaCl	1500
Temperature: F° (C°)	77 (25)
pH value of Feed Water	7.5
Recovery (%)	15
Testing Pressure: PSI (MPA)	150 (1.05)



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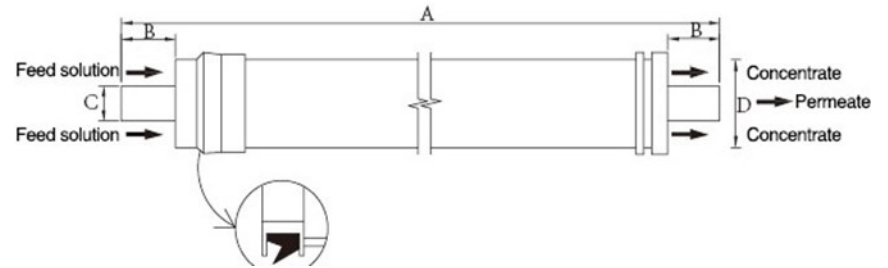
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LP-4040

Parameter	Spec
Model	OZ-LP-4040
Effective membrane area: ft ² (m ²)	85 (7.9)
Operating Pressure: PSI (MPA)	150 (1.05)
Average Yield: GPD (m ³ /d)	2500 (9.5)
Salt Rejection (%)	99.2
Recovery rate (%)	15
Max Operating Pressure: PSI (MPA)	600 (4.2)
Max. Inflow Temperature: F° (C°)	113 (45)
Max. Inflow SDI	5
Max. Water Flow: GPM (m ³ /h)	15 (3.4)
Free Chlorine Concentration	<0.1
Continuous running water pH range	3-10
Chemical cleaning water pH range	2-11
Max. Pressure Drop for Each Element: PSI (MPA)	15 (0.1)

Item	A	B	C	D
4040	40 (1016)	1.05 (26.7)	0.75 (19.1)	3.9 (99.9)



Testing Conditions	Value
Feed Liquid Concentration: ppm NaCl	1500
Temperature: F° (C°)	77 (25)
pH value of Feed Water	7.5
Recovery (%)	15
Testing Pressure: PSI (MPA)	150 (1.05)



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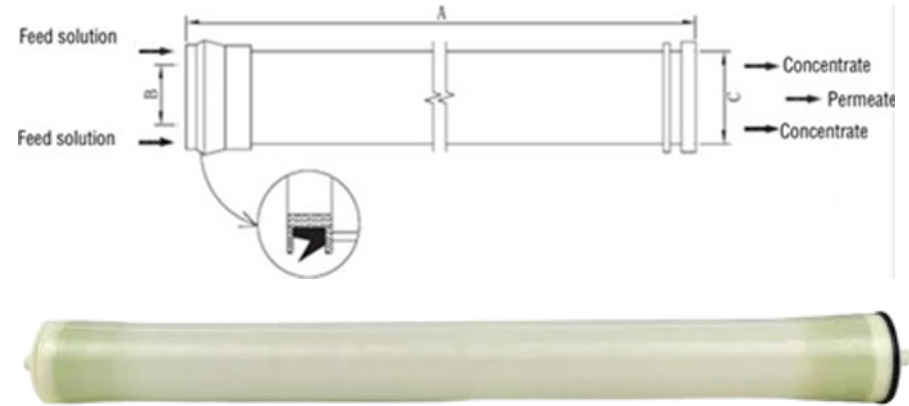
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LP-8040

Parameter	Spec
Model	OZ-LP-8040
Effective membrane area: ft ² (m ²)	400 (37)
Operating Pressure: PSI (MPA)	150 (1.05)
Average Yield: GPD (m ³ /d)	12000 (42)
Salt Rejection (%)	99.2
Recovery rate (%)	15
Max Operating Pressure: PSI (MPA)	600 (4.2)
Max. Inflow Temperature: F° (C°)	113 (45)
Max. Inflow SDI	5
Max. Water Flow: GPM (m ³ /h)	80 (18)
Free Chlorine Concentration	<0.1
Continuous running water pH range	2-11
Chemical cleaning water pH range	1-13
Max. Pressure Drop for Each Element: PSI (MPA)	15 (0.1)

Item	A	B	C
8040	40 (1016)	1.10 (29)	7.90 (201)



Testing Conditions	Feed Liquid Concentration: ppm NaCl	1500
	Temperature: F° (C°)	77 (25)
	pH value of Feed Water	7.5
	Recovery (%)	15
	Testing Pressure: PSI (MPA)	150 (1.05)



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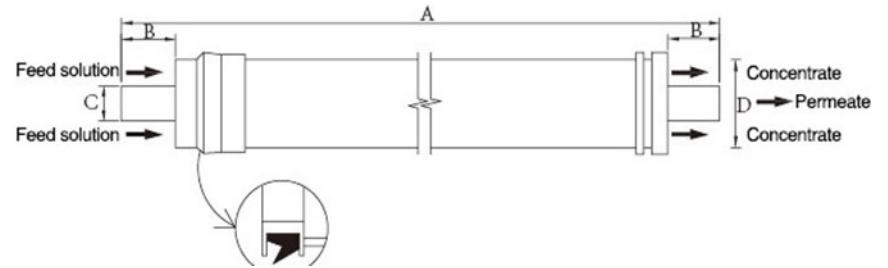
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(ULP) XLE-2521

Parameter	Spec
Model	OZ-XLE-2521
Effective membrane area: ft ² (m ²)	13 (1.2)
Operating Pressure: PSI (MPA)	100 (0.69)
Average Yield: GPD (m ³ /d)	370 (1.4)
Salt Rejection (%)	97
Recovery rate (%)	8
Max Operating Pressure: PSI (MPA)	600 (4.2)
Max. Inflow Temperature: F° (C°)	113 (45)
Max. Inflow SDI	5
Max. Water Flow: GPM (m ³ /h)	6 (1.4)
Free Chlorine Concentration	<0.1
Continuous running water pH range	3-10
Chemical cleaning water pH range	2-11
Max. Pressure Drop for Each Element: PSI (MPA)	15 (0.1)

Item	A	B	C	D
2521	21 (533.4)	1.05 (26.7)	0.75 (19.1)	2.4 (61)



Testing Conditions	Value
Feed Liquid Concentration: ppm NaCl	500
Temperature: F° (C°)	77 (25)
pH value of Feed Water	7.5
Recovery (%)	15
Testing Pressure: PSI (MPA)	100 (0.69)



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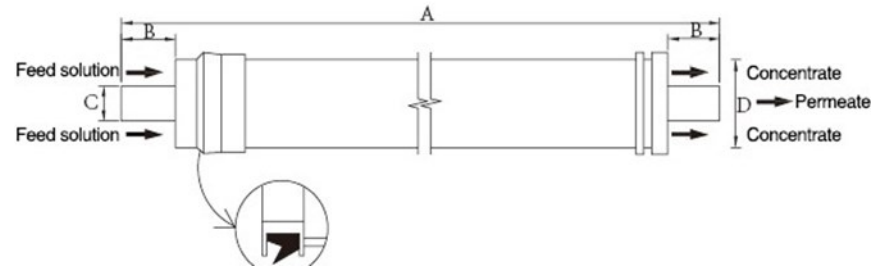
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(ULP) XLE-2540

Parameter	Spec
Model	OZ-XLE-2540
Effective membrane area: ft ² (m ²)	28 (2.6)
Operating Pressure: PSI (MPA)	100 (0.69)
Average Yield: GPD (m ³ /d)	850 (3.2)
Salt Rejection (%)	97
Recovery rate (%)	15
Max Operating Pressure: PSI (MPA)	600 (4.2)
Max. Inflow Temperature: F° (C°)	113 (45)
Max. Inflow SDI	5
Max. Water Flow: GPM (m ³ /h)	6 (1.4)
Free Chlorine Concentration	<0.1
Continuous running water pH range	3-10
Chemical cleaning water pH range	2-11
Max. Pressure Drop for Each Element: PSI (MPA)	15 (0.1)

Item	A	B	C	D
2540	40 (1,016)	1.05 (26.7)	0.75 (19.1)	2.4 (61)



Testing Conditions	Parameter	Value
	Feed Liquid Concentration: ppm NaCl	500
	Temperature: F° (C°)	77 (25)
	pH value of Feed Water	7.5
	Recovery (%)	15
	Testing Pressure: PSI (MPA)	100 (0.69)



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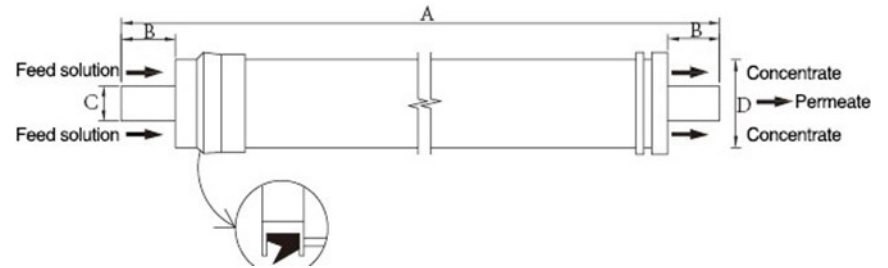
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(ULP) XLE-4021

Parameter	Spec
Model	OZ-XLE-4021
Effective membrane area: ft ² (m ²)	36 (3.3)
Operating Pressure: PSI (MPA)	100 (0.69)
Average Yield: GPD (m ² /d)	1100 (4.17)
Salt Rejection (%)	97
Recovery rate (%)	8
Max Operating Pressure: PSI (MPA)	600 (4.2)
Max. Inflow Temperature: F° (C°)	113 (45)
Max. Inflow SDI	5
Max. Water Flow: GPM (m ³ /h)	15 (3.4)
Free Chlorine Concentration	<0.1
Continuous running water pH range	3-10
Chemical cleaning water pH range	2-11
Max. Pressure Drop for Each Element: PSI (MPA)	15 (0.1)

Item	A	B	C	D
4021	21 (533.4)	1.05 (26.7)	0.75 (19.1)	3.9 (99.9)



Testing Conditions	Value
Feed Liquid Concentration: ppm NaCl	500
Temperature: F° (C°)	77 (25)
pH value of Feed Water	7.5
Recovery (%)	15
Testing Pressure: PSI (MPA)	100 (0.69)



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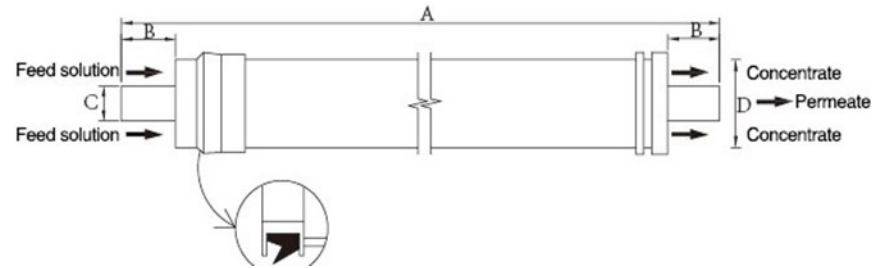
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(ULP) XLE-4040

Parameter	Spec
Model	OZ-XLE-4040
Effective membrane area: ft ² (m ²)	85 (7.9)
Operating Pressure: PSI (MPA)	100 (0.69)
Average Yield: GPD (m ² /d)	2600 (9.85)
Salt Rejection (%)	97
Recovery rate (%)	15
Max Operating Pressure: PSI (MPA)	600 (4.2)
Max. Inflow Temperature: F° (C°)	113 (45)
Max. Inflow SDI	5
Max. Water Flow: GPM (m ³ /h)	15 (3.4)
Free Chlorine Concentration	<0.1
Continuous running water pH range	3-10
Chemical cleaning water pH range	2-11
Max. Pressure Drop for Each Element: PSI (MPA)	15 (0.1)

Item	A	B	C	D
4040	40 (1016)	1.05 (26.7)	0.75 (19.1)	3.9 (99.9)



Testing Conditions	Value
Feed Liquid Concentration: ppm NaCl	500
Temperature: F° (C°)	77 (25)
pH value of Feed Water	7.5
Recovery (%)	15
Testing Pressure: PSI (MPA)	100 (0.69)



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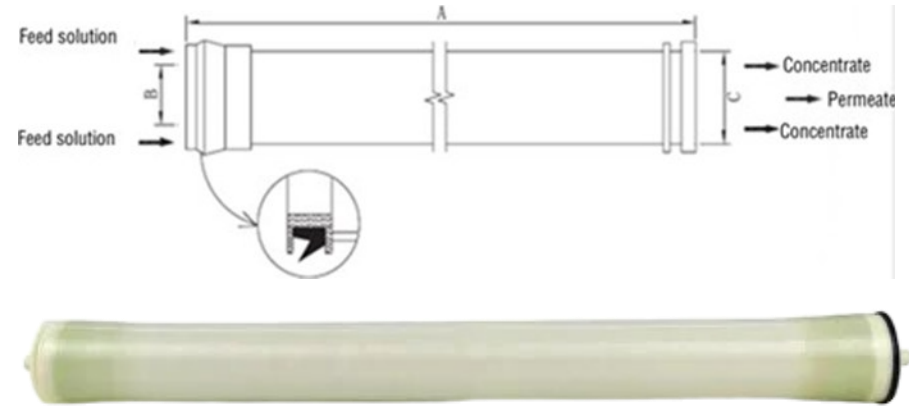
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(ULP) XLE-8040

Parameter	Spec
Model	OZ-XLE-8040
Effective membrane area: ft ² (m ²)	400 (37)
Operating Pressure: PSI (MPA)	100 (0.69)
Average Yield: GPD (m ³ /d)	13000 (49.2)
Salt Rejection (%)	97
Recovery rate (%)	15
Max Operating Pressure: PSI (MPA)	600 (4.2)
Max. Inflow Temperature: F° (C°)	113 (45)
Max. Inflow SDI	5
Max. Water Flow: GPM (m ³ /h)	80 (18)
Free Chlorine Concentration	<0.1
Continuous running water pH range	2-11
Chemical cleaning water pH range	1-13
Max. Pressure Drop for Each Element: PSI (MPA)	15 (0.1)

Item	A	B	C
8040	40 (1016)	1.10 (29)	7.90 (201)



Testing Conditions	Feed Liquid Concentration: ppm NaCl	500
	Temperature: F° (C°)	77 (25)
	pH value of Feed Water	7.5
	Recovery (%)	15
	Testing Pressure: PSI (MPA)	100 (0.69)



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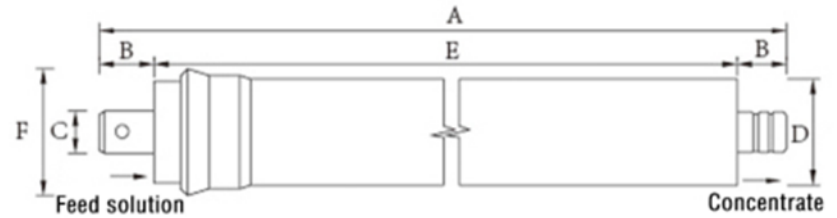
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1812-50

Parameter	Spec
Model	OZ-1812-50/75
Effective membrane area: ft ² (m ²)	5.0 (0.46)
Operating Pressure: PSI (MPA)	65 (0.45)
Average Yield: GPD (m ³ /d)	75 (0.28)
Salt Rejection (%)	96
Recovery rate (%)	15
Max Operating Pressure: PSI (MPA)	300 (2.1)
Max. Inflow Temperature: F° (C°)	45
Max. Inflow SDI	5
Max. Water Flow: GPM (m ³ /h)	2 (0.46)
Free Chlorine Concentration	<0.1
Continuous running water pH range	3-10
Chemical cleaning water pH range	2-11
Max. Pressure Drop for Each Element: PSI (MPA)	15 (0.1)

Item	A	B	C	D	E	F
1812	298	20	17	42	258	53.5



Testing Conditions	Value
Feed Liquid Concentration: ppm NaCl	260
Temperature: F° (C°)	77 (25)
pH value of Feed Water	7.5
Recovery (%)	15
Testing Pressure: PSI (MPA)	60 (0.41)



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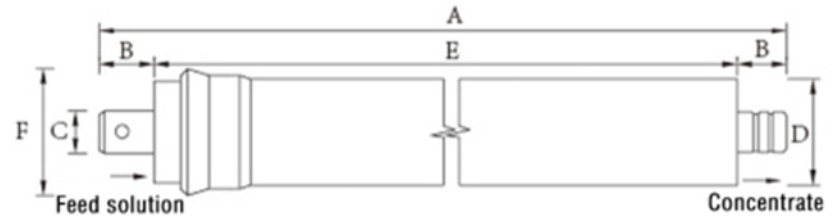
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1812-75

Parameter	Spec
Model	OZ-1812-75
Effective membrane area: ft ² (m ²)	5.87 (0.54)
Operating Pressure: PSI (MPA)	65 (0.45)
Average Yield: GPD (m ³ /d)	75 (0.28)
Salt Rejection (%)	97-98
Recovery rate (%)	15
Max Operating Pressure: PSI (MPA)	300 (2.1)
Max. Inflow Temperature: F° (C°)	45
Max. Inflow SDI	5
Max. Water Flow: GPM (m ³ /h)	2 (0.46)
Free Chlorine Concentration	<0.1
Continuous running water pH range	3-10
Chemical cleaning water pH range	2-11
Max. Pressure Drop for Each Element: PSI (MPA)	15 (0.1)

Item	A	B	C	D	E	F
1812	298	20	17	43	240	53.5



Test Pressure	Water Production (ml/mm)	Water Production (GPD)	Salt Rejection (%)
0.45 MPA	105	40	93.90
0.55 MPA	160	60	96.00
0.58 MPA	200	76	96.50

NOTE: Works up to 2500ppm!

*Tested Product is 13 circles.

*Test condition: 2000 ppm/78.8 ° F(26° C)



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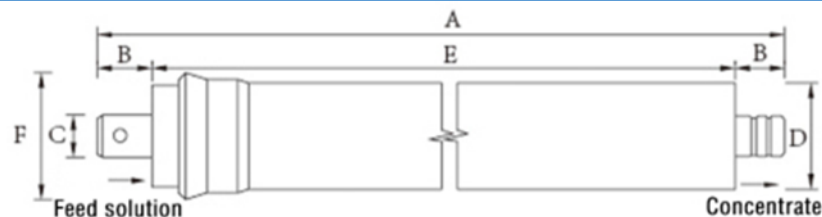
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2012-100

Parameter	Spec
Model	OZ-2012-100
Effective membrane area: ft ² (m ²)	6.0 (0.56)
Operating Pressure: PSI (MPA)	65 (0.45)
Average Yield: GPD (m ³ /d)	100 (0.38)
Salt Rejection (%)	96
Recovery rate (%)	15
Max Operating Pressure: PSI (MPA)	300 (2.1)
Max. Inflow Temperature: F° (C°)	45
Max. Inflow SDI	5
Max. Water Flow: GPM (m ³ /h)	2 (0.46)
Free Chlorine Concentration	<0.1
Continuous running water pH range	3-10
Chemical cleaning water pH range	2-11
Max. Pressure Drop for Each Element: PSI (MPA)	15 (0.1)

Item	A	B	C	D	E	F
2012	298	20	17	48	258	55.5



Testing Conditions	Value
Feed Liquid Concentration: ppm NaCl	260
Temperature: F° (C°)	77 (25)
pH value of Feed Water	7.5
Recovery (%)	15
Testing Pressure: PSI (MPA)	60 (0.41)



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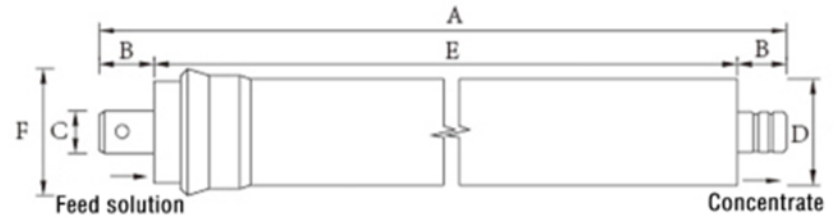
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2012-125

Parameter	Spec
Model	OZ-2012-125
Effective membrane area: ft ² (m ²)	7.4 (0.69)
Operating Pressure: PSI (MPA)	65 (0.45)
Average Yield: GPD (m ³ /d)	125 (0.47)
Salt Rejection (%)	96
Recovery rate (%)	15
Max Operating Pressure: PSI (MPA)	300 (2.1)
Max. Inflow Temperature: F° (C°)	45
Max. Inflow SDI	5
Max. Water Flow: GPM (m ³ /h)	2 (0.46)
Free Chlorine Concentration	<0.1
Continuous running water pH range	3-10
Chemical cleaning water pH range	2-11
Max. Pressure Drop for Each Element: PSI (MPA)	15 (0.1)

Item	A	B	C	D	E	F
2012	298	20	17	48	258	55.5



Testing Conditions	Value
Feed Liquid Concentration: ppm NaCl	260
Temperature: F° (C°)	77 (25)
pH value of Feed Water	7.5
Recovery (%)	15
Testing Pressure: PSI (MPA)	60 (0.41)



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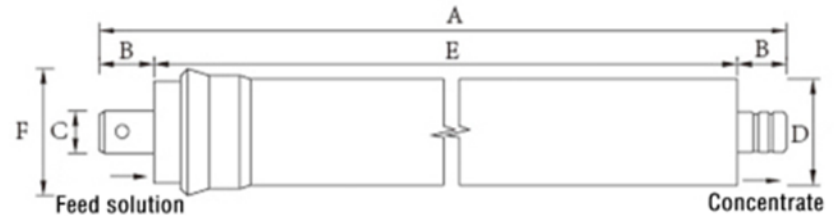
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2012-150

Parameter	Spec
Model	OZ-2012-150
Effective membrane area: ft ² (m ²)	7.4 (0.69)
Operating Pressure: PSI (MPA)	65 (0.45)
Average Yield: GPD (m ³ /d)	125 (0.47)
Salt Rejection (%)	96
Recovery rate (%)	15
Max Operating Pressure: PSI (MPA)	300 (2.1)
Max. Inflow Temperature: F° (C°)	45
Max. Inflow SDI	5
Max. Water Flow: GPM (m ³ /h)	2 (0.46)
Free Chlorine Concentration	<0.1
Continuous running water pH range	3-10
Chemical cleaning water pH range	2-11
Max. Pressure Drop for Each Element: PSI (MPA)	15 (0.1)

Item	A	B	C	D	E	F
2012	298	20	17	48	258	55.5



Testing Conditions	Value
Feed Liquid Concentration: ppm NaCl	260
Temperature: F° (C°)	77 (25)
pH value of Feed Water	7.5
Recovery (%)	15
Testing Pressure: PSI (MPA)	60 (0.41)



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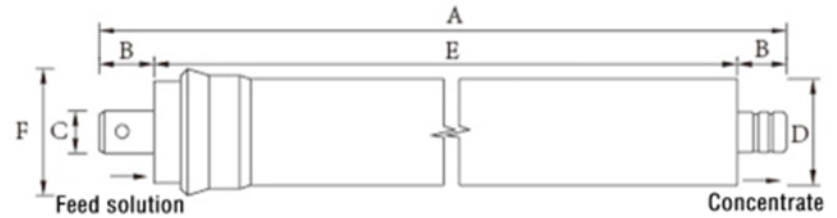
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3012-200

Parameter	Spec
Model	OZ-3012-200
Effective membrane area: ft ² (m ²)	10 (0.92)
Operating Pressure: PSI (MPA)	65 (0.45)
Average Yield: GPD (m ³ /d)	200 (0.76)
Salt Rejection (%)	96
Recovery rate (%)	15
Max Operating Pressure: PSI (MPA)	300 (2.1)
Max. Inflow Temperature: F° (C°)	45
Max. Inflow SDI	5
Max. Water Flow: GPM (m ³ /h)	2 (0.46)
Free Chlorine Concentration	<0.1
Continuous running water pH range	3-10
Chemical cleaning water pH range	2-11
Max. Pressure Drop for Each Element: PSI (MPA)	15 (0.1)

Item	A	B	C	D	E	F
3012	298	20	17	76.2	258	81.5



Testing Conditions	Feed Liquid Concentration: ppm NaCl	260
	Temperature: F° (C°)	77 (25)
	pH value of Feed Water	7.5
	Recovery (%)	15
	Testing Pressure: PSI (MPA)	60 (0.41)



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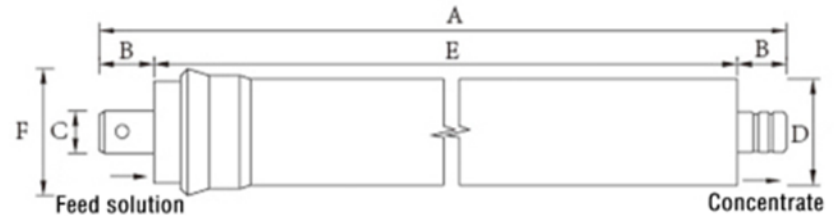
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3012-300

Parameter	Spec
Model	OZ-3012-300
Effective membrane area: ft ² (m ²)	14 (1.30)
Operating Pressure: PSI (MPA)	65 (0.45)
Average Yield: GPD (m ³ /d)	300 (1.14)
Salt Rejection (%)	96
Recovery rate (%)	15
Max Operating Pressure: PSI (MPA)	300 (2.1)
Max. Inflow Temperature: F° (C°)	45
Max. Inflow SDI	5
Max. Water Flow: GPM (m ³ /h)	2 (0.46)
Free Chlorine Concentration	<0.1
Continuous running water pH range	3-10
Chemical cleaning water pH range	2-11
Max. Pressure Drop for Each Element: PSI (MPA)	15 (0.1)

Item	A	B	C	D	E	F
3012	298	20	17	76.2	258	81.5



Testing Conditions	Value
Feed Liquid Concentration: ppm NaCl	260
Temperature: F° (C°)	77 (25)
pH value of Feed Water	7.5
Recovery (%)	15
Testing Pressure: PSI (MPA)	60 (0.41)



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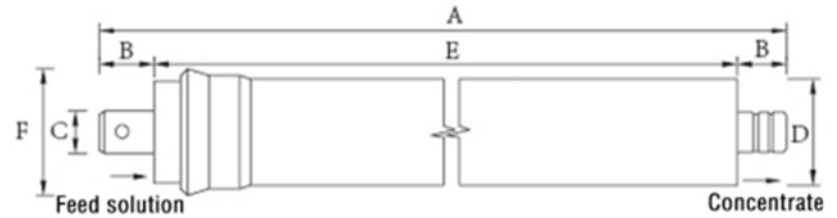
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3012-400

Parameter	Spec
Model	OZ-3013-400
Effective membrane area: ft ² (m ²)	16 (1.48)
Operating Pressure: PSI (MPA)	65 (0.45)
Average Yield: GPD (m ³ /d)	400 (1.51)
Salt Rejection (%)	96
Recovery rate (%)	15
Max Operating Pressure: PSI (MPA)	300 (2.1)
Max. Inflow Temperature: F° (C°)	45
Max. Inflow SDI	5
Max. Water Flow: GPM (m ³ /h)	2 (0.46)
Free Chlorine Concentration	<0.1
Continuous running water pH range	3-10
Chemical cleaning water pH range	2-11
Max. Pressure Drop for Each Element: PSI (MPA)	15 (0.1)

Item	A	B	C	D	E	F
3013	330	20	17	76.2	258	81.5



Testing Conditions	Feed Liquid Concentration: ppm NaCl	260
	Temperature: F° (C°)	77 (25)
	pH value of Feed Water	7.5
	Recovery (%)	15
	Testing Pressure: PSI (MPA)	60 (0.41)



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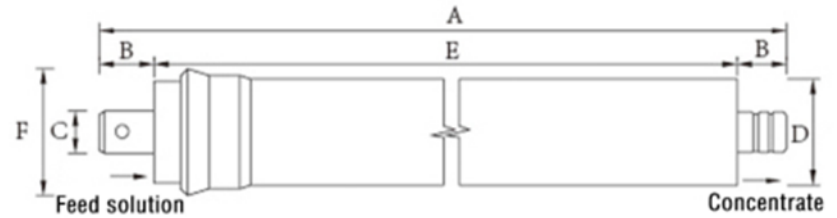
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1812-150

Parameter	Spec
Model	OZ-XLP-150 (1812-150)
Effective membrane area: ft ² (m ²)	5.91 (0.55)
Operating Pressure: PSI (MPA)	65 (0.45)
Average Yield: GPD (m ³ /d)	150 (0.56)
Salt Rejection (%)	94
Recovery rate (%)	15
Max Operating Pressure: PSI (MPA)	300 (2.1)
Max. Inflow Temperature: F° (C°)	45
Max. Inflow SDI	5
Max. Water Flow: GPM (m ³ /h)	2 (0.46)
Free Chlorine Concentration	<0.1
Continuous running water pH range	3-10
Chemical cleaning water pH range	2-11
Max. Pressure Drop for Each Element: PSI (MPA)	15 (0.1)

Item	A	B	C	D	E	F
1812	298	20	17	42	258	53.5



Testing Conditions	Value
Feed Liquid Concentration: ppm NaCl	260
Temperature: F° (C°)	77 (25)
pH value of Feed Water	7.5
Recovery (%)	15
Testing Pressure: PSI (MPA)	60 (0.41)



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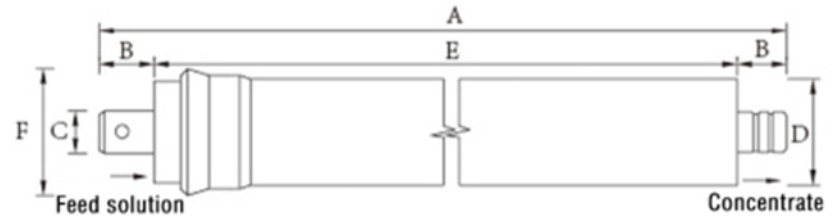
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2012-200

Parameter	Spec
Model	OZ-XLP-200 (2012-200)
Effective membrane area: ft ² (m ²)	6.92 (0.64)
Operating Pressure: PSI (MPA)	65 (0.45)
Average Yield: GPD (m ³ /d)	200 (0.76)
Salt Rejection (%)	94
Recovery rate (%)	15
Max Operating Pressure: PSI (MPA)	300 (2.1)
Max. Inflow Temperature: F° (C°)	45
Max. Inflow SDI	5
Max. Water Flow: GPM (m ³ /h)	2 (0.46)
Free Chlorine Concentration	<0.1
Continuous running water pH range	3-10
Chemical cleaning water pH range	2-11
Max. Pressure Drop for Each Element: PSI (MPA)	15 (0.1)

Item	A	B	C	D	E	F
2012	298	20	17	48	258	55.5



Testing Conditions	Value
Feed Liquid Concentration: ppm NaCl	260
Temperature: F° (C°)	77 (25)
pH value of Feed Water	7.5
Recovery (%)	15
Testing Pressure: PSI (MPA)	60 (0.41)



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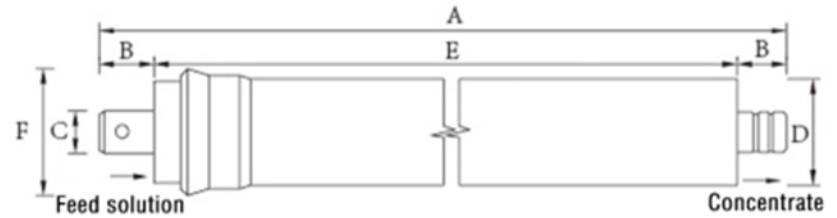
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3012-500

Parameter	Spec
Model	OZ-XLP-500 (3013-500)
Effective membrane area: ft ² (m ²)	5.0 (0.46)
Operating Pressure: PSI (MPA)	65 (0.45)
Average Yield: GPD (m ³ /d)	75 (0.28)
Salt Rejection (%)	95
Recovery rate (%)	15
Max Operating Pressure: PSI (MPA)	300 (2.1)
Max. Inflow Temperature: F° (C°)	45
Max. Inflow SDI	5
Max. Water Flow: GPM (m ³ /h)	2 (0.46)
Free Chlorine Concentration	<0.1
Continuous running water pH range	3-10
Chemical cleaning water pH range	2-11
Max. Pressure Drop for Each Element: PSI (MPA)	15 (0.1)

Item	A	B	C	D	E	F
3013	330	20	17	76.2	258	81.5



Testing Conditions	Feed Liquid Concentration: ppm NaCl	260
	Temperature: F° (C°)	77 (25)
	pH value of Feed Water	7.5
	Recovery (%)	15
	Testing Pressure: PSI (MPA)	70 (0.48)



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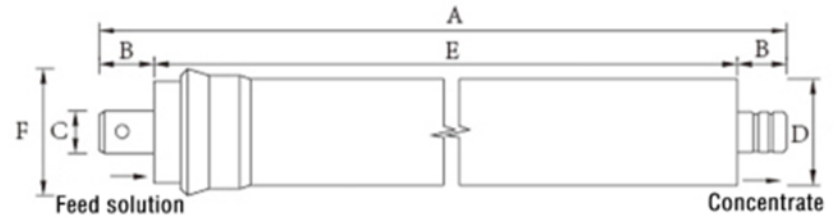
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3012-600

Parameter	Spec
Model	OZ-XLP-600 (3013-600)
Effective membrane area: ft ² (m ²)	16 (1.48)
Operating Pressure: PSI (MPA)	65 (0.45)
Average Yield: GPD (m ³ /d)	600 (2.27)
Salt Rejection (%)	95
Recovery rate (%)	15
Max Operating Pressure: PSI (MPA)	300 (2.1)
Max. Inflow Temperature: F° (C°)	45
Max. Inflow SDI	5
Max. Water Flow: GPM (m ³ /h)	2 (0.46)
Free Chlorine Concentration	<0.1
Continuous running water pH range	3-10
Chemical cleaning water pH range	2-11
Max. Pressure Drop for Each Element: PSI (MPA)	15 (0.1)

Item	A	B	C	D	E	F
3013	330	20	17	76.2	258	81.5



Testing Conditions	Value
Feed Liquid Concentration: ppm NaCl	260
Temperature: F° (C°)	77 (25)
pH value of Feed Water	7.5
Recovery (%)	15
Testing Pressure: PSI (MPA)	70 (0.48)



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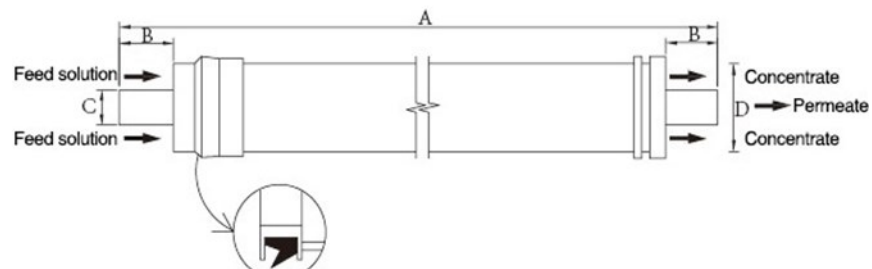
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OZ-NF-2540

Parameter	Spec
Model	OZ-NF-2540
Effective membrane area: ft ² (m ²)	36 (3.3)
Max. Working Pressure: PSI (MPA)	600 (4.14)
Max. Feed Water Flow GPM (m ³ /h)	16 (3.6)
Max. Pressure Drop of Single Element: PSI (MPA)	15 (0.1)
Max. Feed Water Temperature	45 C
Max. Feed Water TDS (ppm)	2000
Max. Feed Water Hardness(CaCO ₃): ppm	60
Max. Turbidity NTU	1
Max. Feed Water SDI ₁₅	5
Max. Feed Water COD (ppm)	200
Max. Feed Water BOD (ppm)	20
Residual Chlorine Concentration of Feed Water (ppm)	<0.1
PH Range of Feed Water During Continuous Operation	2-12
Storage Temperature	5-45 C

Item	A	B	C	D
NF-2540	40 (1,016)	1.05 (26.7)	0.75 (19.1)	2.4 (61)



Testing Conditions		
Testing Pressure: PSI (MPA)	70 (0.48)	
Temperature of Testing Solution	25C	
Concentration of Testing Solution	2000ppm (NaCl);2000PPM (MgSO4)	
PH Value of Testing Solution	8	
Recovery Rate of Single Element	15%	



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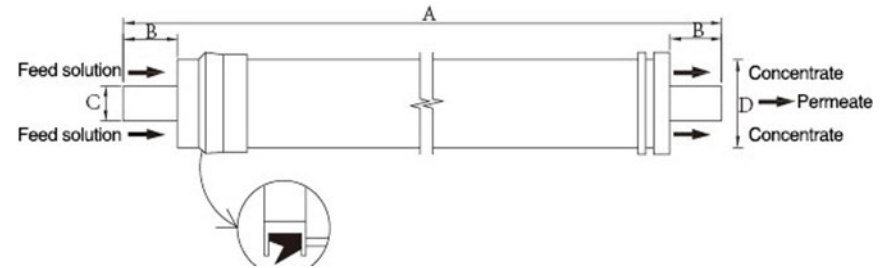
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OZ-NF-4040

Parameter	Spec
Model	OZ-NF-4040
Effective membrane area: ft ² (m ²)	85 (7.9)
Max. Working Pressure: PSI (MPA)	600 (4.14)
Max. Feed Water Flow GPM (m ³ /h)	20 (4.6)
Max. Pressure Drop of Single Element: PSI (MPA)	15 (0.1)
Max. Feed Water Temperature	45 C
Max. Feed Water TDS (ppm)	2000
Max. Feed Water Hardness(CaCO ₃): ppm	60
Max. Turbidity NTU	1
Max. Feed Water SDI ₁₅	5
Max. Feed Water COD (ppm)	200
Max. Feed Water BOD (ppm)	20
Residual Chlorine Concentration of Feed Water (ppm)	<0.1
PH Range of Feed Water During Continuous Operation	2-12
Storage Temperature	5-45 C

Item	A	B	C	D
NF-4040	40 (1016)	1.05 (26.7)	0.75 (19.1)	3.9 (99.9)



Testing Conditions		
Testing Pressure: PSI (MPA)	70 (0.48)	
Temperature of Testing Solution	25C	
Concentration of Testing Solution	2000ppm (NaCl);2000PPM (MgSO4)	
PH Value of Testing Solution	8	
Recovery Rate of Single Element	15%	



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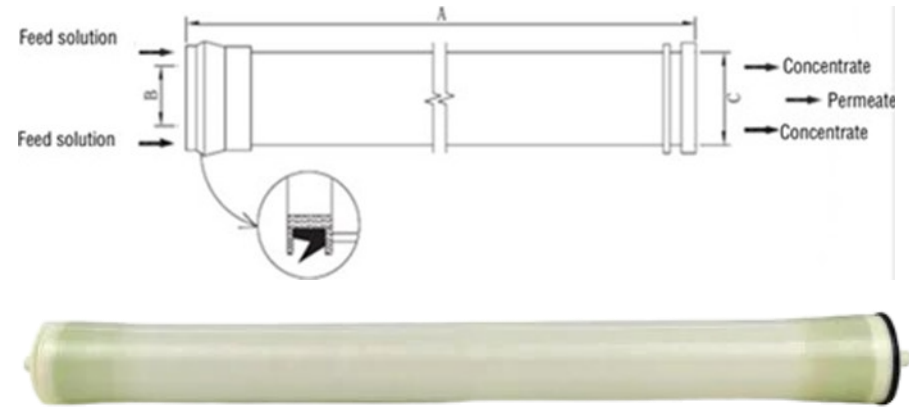
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OZ-NF-6040

Parameter	Spec
Model	OZ-NF-6040
Effective membrane area: ft ² (m ²)	210 (19.5)
Max. Working Pressure: PSI (MPA)	600 (4.14)
Max. Feed Water Flow GPM (m ³ /h)	30 (7)
Max. Pressure Drop of Single Element: PSI (MPA)	15 (0.1)
Max. Feed Water Temperature	45 C
Max. Feed Water TDS (ppm)	2000
Max. Feed Water Hardness(CaCO ₃): ppm	60
Max.Turbidity NTU	1
Max. Feed Water SDI ₁₅	5
Max. Feed Water COD (ppm)	200
Max. Feed Water BOD (ppm)	20
Residual Chlorine Concentration of Feed Water (ppm)	<0.1
PH Range of Feed Water During Continuous Operation	2-12
Storage Temperature	5-45 C

Item	A	B	C
NF-6040	40 (1016)	1.10 (29)	5.90



Testing Conditions		
Testing Pressure: PSI (MPA)	70 (0.48)	
Temperature of Testing Solution	25C	
Concentration of Testing Solution	2000ppm (NaCl);2000PPM (MgSO4)	
PH Value of Testing Solution	8	
Recovery Rate of Single Element	15%	



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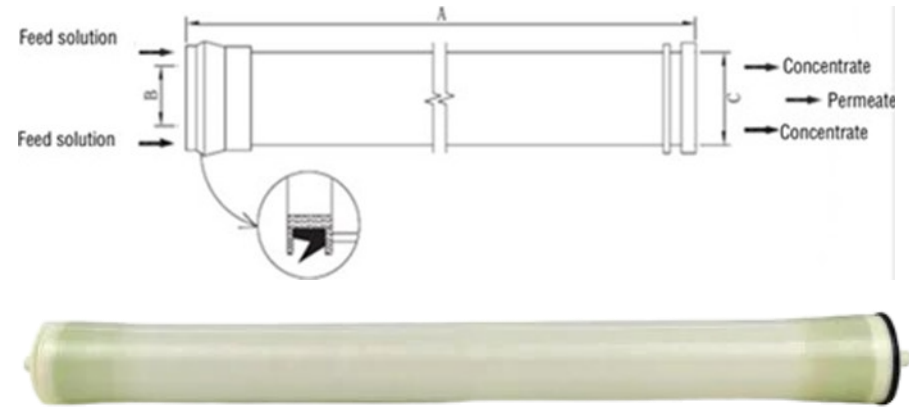
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OZ-NF-8040

Parameter	Spec
Model	OZ-NF-8040
Effective membrane area: ft ² (m ²)	400 (37.2)
Max. Working Pressure: PSI (MPA)	600 (4.14)
Max. Feed Water Flow GPM (m ³ /h)	52 (12)
Max. Pressure Drop of Single Element: PSI (MPA)	15 (0.1)
Max. Feed Water Temperature	45 C
Max. Feed Water TDS (ppm)	2000
Max. Feed Water Hardness(CaCO ₃): ppm	60
Max.Turbidity NTU	1
Max. Feed Water SDI ₁₅	5
Max. Feed Water COD (ppm)	200
Max. Feed Water BOD (ppm)	20
Residual Chlorine Concentration of Feed Water (ppm)	<0.1
PH Range of Feed Water During Continuous Operation	2-12
Storage Temperature	5-45 C

Item	A	B	C
NF-8040	40 (1016)	1.10 (29)	7.90



Testing Conditions	Value
Testing Pressure: PSI (MPA)	70 (0.48)
Temperature of Testing Solution	25C
Concentration of Testing Solution	2000ppm (NaCl);2000PPM (MgSO4)
PH Value of Testing Solution	8
Recovery Rate of Single Element	15%



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