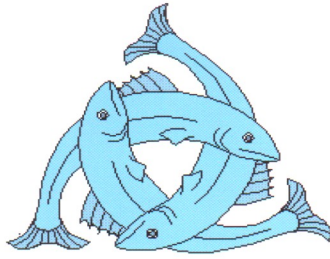


You get more for less at FSHS!



FSHS, Inc.



www.PuROmax.com Phone (941)625- 4550 Fax (941)625-6635

FSHS, Inc.

4210 Whidden Blvd. Port Charlotte, FL 33980

Phone (941)625-4550 Fax (941)625-6635

www.puromax.com

Contacts

President

Kevin Greene

Kevin@puromax.com

Ext. 105

Accounts

Tracy Greene

Tracy@puromax.com

Ext. 104

General Manager / Tech Support

Jeremy Greene

Jeremy@puromax.com

Ext. 103

Warehouse Manager

Josh Greene

Josh@puromax.com

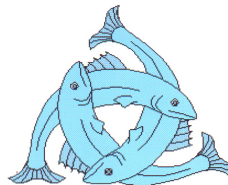
Ext. 102

Sales

Howard Gilliam

Howard@puromax.com

Ext. 101



At FSHS, Inc. we are a family owned and operated business.

Compact 100 GPD	Page 2
Wall Mount Single And Dual Membrane	Page 3
Light Commercial Units	Page 4
Single Membrane Units	Page 5
Dual Membrane Units	Page 6
Triple Membrane Units	Page 7
Quad Membrane Units	Page 8
LP-17000	Page 9
LP-20 (20 GPM) & LP-40 (40 GPM)	Page 10
Custom Engineered Commercial RO Units	Page 11
Ultraviolet Lights	Page 12-13
UV Replacement Parts	Page 14
300 GPD	Page 15
Residential RO Equipment	
Filter Systems (Contain No Membrane)	Page 16
Value Line R/O's	Page 17
HR-3 Permeate Pump R/O	Page 18
Booster Pump R/O	Page 19
Custom Built Units	Page 20
Storage Tanks & Floats	Page 21
Filters	
Sediment & Carbon Block Filters (Pre-Filters)	Page 22
GAC Filters (Inline & Cartridge)	Page 23
Residential Membranes	Page 24
Industrial Membranes	Page 25
Industrial Membrane Housing	Page 26
Parts	
Industrial RO Parts	Page 27-28
Industrial Flow Meters	Page 29
Commercial RO Pumps & Motors	Page 30
Residential RO Pumps Permeate, Booster, Delivery	Page 31
Filter Housings & Brackets	Page 32
Residential R/O Parts	Page 33-34
Tubing	Page 35
Faucets & TDS Meters	Page 36
Fittings	
Push Connect Style NSF Certified Fittings	Page 37-38
Parker Fittings	Page 39
Poly Barb Fittings	Page 40
Jaco Style Compression Fittings	Page 41

When it has to be pure, take it to the Max.



Low Pressure Units are based on 500 ppm solution at 115 psig operating pressure and 77degree water.

<u>Part Number</u>	<u>Item Description</u>
LP-100	100 GPD Low Pressure Unit
LP-500	525 GPD Low Pressure Unit
LP-800	800 GPD Low Pressure Unit
LP-1000	1,000 GPD Low Pressure Unit
LP-2800	2,800 GPD Low Pressure Unit
LP-5000	5,000 GPD Low Pressure Unit
LP-7500	7,500 GPD Low Pressure Unit
LP-11500	11,500 GPD Low Pressure Unit
LP-17000	17,000 GPD Low Pressure Unit
LP-20	20,000 GPD Low Pressure Unit
LP-40	40,000 GPD Low Pressure Unit
LP-60	86,400 GPD Low Pressure Unit
LP-80	115,200 GPD Low Pressure Unit

Larger Sizes And Custom Units Available Upon Request.

High Pressure Units are based on 2000 ppm solution at 225 psig operating pressure and 77degree water.

<u>Part Number</u>	<u>Item Description</u>
HP-2200	2200 GPD High Pressure Unit
HP-4400	4400 GPD High Pressure Unit
HP-6600	6600 GPD High Pressure Unit
HP-8800	8800 GPD High Pressure Unit

Industrial Reverse Osmosis Unit

Standard Features

- * 1 4x40 Membrane
- * Membrane Housing
- * SS Goulds Pump
- * Low Pressure Safety Cut Off
- * Stainless Steel Drain Valve
- * 4.25" x 10" Pre Filter
- * Inlet Solenoid Valve
- * SS Operating Pressure Gauge
- * Aluminum Frame
- * Easy to Install and Maintain
- * Comprehensive Warranty

Production based on properly pre treated feed water at 2000 ppm and 77 degrees F with Filmtec TW30-2514. You must provide a complete water analysis to insure production and warranty.

Unit	LP-100-GPD
Membrane Size Part #	1 2.5x14 PM-2514-FTW
GPD	130
Production GPM	.092
Rejection GPM	.12
Total GPM	.21
Recovery	43%
Operating PSI	150
Motor Horse Power	1/3
Volts	115/230
Amps	
Connection Feed	1/4
Connection Product	1/4
Pump Model	Procon 25
Pre-Filter Size	2 2x10 Standard
Dimensions WxDxH	16 1/2 x 15 x 20
Approx. Unit Weight	45 lbs.



Pre Filter #1	SF5-10	Sediment 5Mic
Pre Filter #2	PCTO/2	Carbon Block
Membrane	PM-2514-FTW	2.5x14 Membrane
Post Filter	AICRO	Inline Carbon

Wall Mount Reverse Osmosis Unit



Production based on properly pre treated feed water at 2000 ppm for HP and 500 for LP, 77 degrees F with CSM membranes. You must provide a complete water analysis to insure production and warranty.

Unit	WM-LP-28	WM-HP-22
Membrane Size Part #	1 4 x 40 PM-4040-BLF	1 4 x 40 PM-4040-BE
GPD	2800	2200
Production GPM	1.94	1.52
Rejection GPM	6	3.48
Total GPM	8	5
Recovery	25%	30%
Operating PSI	115 PSI	225 PSI
Motor Horse Power	1/2 HP	1 HP
Volts	115/230	115/230
Amps	10.8 / 5.4	16.2 / 8.1
Connection Feed and Concentrate	3/4	3/4
Connection Product	1/2	1/2
Pump Model	7GBS05FS	7GBS10FS
Pre-Filter Size	4.25 x 20	4.25 x 20
Dimensions WxDxH	40 x 13 x 48	40 x 13 x 48
Approx. Unit Weight	110 lbs. est.	120 lbs. est.

Standard Features

- * Easy to Install and Service
 - * NSF 4x40 Membrane
 - * SS Membrane Housing
 - * SS Gould's Pump
 - * SS Drain Valve
 - * SS Solenoid Valve
 - * SS Pressure Gauge
 - * 4.25" x 10" Pre Filter
- * Powder Coated Aluminum Frame
- * Comprehensive Warranty



Standard Features

- * NSF Certified Membrane
- * Stainless Steel Membrane Housing
- * Proconn Pump
- * TDS Monitor for Product and Feed
- * Low Pressure Safety Cut Off
- * High Pressure Cut Off Switch
- * Product and Drain Flow Meters
- * Stainless Steel Drain Valve
- * 2" x 20" Sediment Pre Filter
- * Inlet Solenoid Valve
- * SS Operating Pressure Gauge
- * Comprehensive Warranty
- * Easy to Install and Maintain
- * Aluminum Frame



Unit

LP-500

LP-800

LP-1000

Membrane Part #	PM-2521-BLF	PM-2540-TL	PM-4021-BLF
Membrane Size	2.5 x 21	2.5 x 40	4 x 21
GPD	525	800	1000
Production GPM	.36	.55	.72
Rejection GPM	.80	.61	.94
Total GPM	1.16	1.16	1.66
Recovery	31%	47%	43%
Operating PSI	150	150	150
Motor Horse Power	1/3	1/3	1/3
Volts	115	115	115
Amps	375W	375W	375W
Connection Feed	3/4"	3/4"	3/4"
Connection Product	3/8"	3/8"	3/8"
Pump Model	112A070F11BA170	112A070F11BA170	112A100F11BA170
Pre-Filter Size	2x20	2x20	2x20
Dimension WxDxH	20x13x26	20x13x48	20x13x26
Approximate Unit Weight	30	40	43

Optional Features

- Auto Flush
- Waste Recycle
- Pre Filter Gauge
- Control Panel
- Crating
- Powder Coating
(custom colors)

Single Membrane Industrial Reverse Osmosis Units

Standard Features

- * NSF Certified Membrane on LP-2800
- * Stainless Steel Membrane Housing
- * Gould's Multi Stage SS Centrifugal Pump
- * TDS Monitor for Product and Feed
- * Low Pressure Safety Cut Off
- * Product and Drain Flow Meters
- * Stainless Steel Drain Valve
- * 2" x 20" Sediment Pre Filter
- * Inlet Solenoid Valve
- * SS Operating Pressure Gauge
- * Comprehensive Warranty
- * Easy to Install and Maintain
- * Aluminum Frame

Low Pressure Units are based on 500 ppm properly pre-treated water at 115 psig operating pressure and 77degree water.

High Pressure Units are based on 2000 ppm properly pre-treated water at 225 psig operating pressure and 77degree water.



Unit	LP-2800	HP-2200
Membrane size Part #	1 4x40 low pressure PM-4040-BLF	1 4x40 high pressure PM-4040-BE
GPD	2800	2200
Production GPM	2	1.52
Rejection GPM	6	3.48
Total GPM	8	5
Recovery	25%	30%
Operating PSI	115	225
Motor Horse Power	.5	1
Volts	115/230	115/230
Amps	10.8/5.4	16.2/8.1
Connection Feed	3/4"	3/4"
Connection Product	1/2"	1/2"
Pump Model	7GBS05FS	7GBS10FS
Pre-Filter Size	2x20	2x20
Dimensions WxDxH	18x23x55	18x23x55
Approximate Unit Weight	120 lbs.	120 lbs.

Optional Features

- Auto Flush
- Waste Recycle
- Pre Filter Gauge
- Control Panel
- Crating
- Powder Coating
(custom colors)

Dual Membrane Industrial Reverse Osmosis Units

Standard Features

- * 2 NSF Certified Membranes on LP-5000
- * Stainless Steel Membrane Housing
- * Gould's Multi Stage SS Centrifugal Pump
- * TDS Monitor for Product and Feed
- * Low Pressure Safety Cut Off
- * Product and Drain Flow Meters
- * Stainless Steel Drain Valve
- * 2" x 20" Sediment Pre Filter
- * Inlet Solenoid Valve
- * SS Operating Pressure Gauge
- * Comprehensive Warranty
- * Easy to Install and Maintain
- * Aluminum Frame

Low Pressure Units are based on 500 ppm properly pre-treated water at 115 psig operating pressure and 77degree water.

High Pressure Units are based on 2000 ppm properly pre-treated water at 225 psig operating pressure and 77degree water.



Unit	LP-5000	HP-4400
Membrane size Part #	2 4x40 low pressure PM-4040-BLF	2 4x40 high pressure PM-4040-BE
GPD	5000	4400
Production GPM	3.95	3
Rejection GPM	3.95	7
Total GPM	7.91	10
Recovery	50%	30%
Operating PSI	115	225
Motor Horse Power	.5	1.5
Volts	115/230	115/230
Amps	10.8/5.4	21.4/10.7
Connection Feed	3/4"	3/4"
Connection Product	3/4"	1/2"
Pump Model	7GBS05FS	10GBS15FS
Pre-Filter Size	2x20	2x20
Dimensions WxDxH	22x23x65	22x23x65
Approximate Unit Weight	130 lbs.	130 lbs.

Optional Features

- Auto Flush
- Waste Recycle
- Pre Filter Gauge
- Control Panel
- Crating
- Powder Coating
(custom colors)

Triple Membrane Industrial Reverse Osmosis Units

Standard Features

- * 3 NSF Certified Membranes on LP-7500
- * Stainless Steel Membrane Housing
- * Goulds Multi Stage SS Centrifugal Pump
- * TDS Monitor for Product and Feed
- * Low Pressure Safety Cut Off
- * Product and Drain Flow Meters
- * Stainless Steel Drain Valve
- * 4.25" x 20" Sediment Pre Filter
- * Inlet Solenoid Valve
- * SS Operating Pressure Gauge
- * Comprehensive Warranty
- * Easy to Install and Maintain
- * Aluminum Frame
- * Control Panel & Auto Flush Standard on HP6600

Low Pressure Units are based on 500 ppm properly pre-treated water at 115 psig operating pressure and 77degree water.

High Pressure Units are based on 2000 ppm properly pre-treated water at 225 psig operating pressure and 77degree water.



Unit	LP-7500	HP-6600
Membrane size Part #	3 4x40 low pressure PM-4040-BLF	3 4x40 high pressure PM-4040-BE
GPD	7500	6600
Production GPM	5.2	4.56
Rejection GPM	6.8	5.44
Total GPM	12	10
Recovery	43%	45%
Operating PSI	115	225
Motor Horse Power	1.5	1.5
Volts	115/230	115/230
Amps	21.4/10.7	21.4/10.7
Connection Feed	1"	1"
Connection Product	3/4"	3/4"
Pump Model	10GBS15FS	10GBS15FS
Pre-Filter Size	4.25x20	4.25x20
Dimensions WxDxH	22x23x64	22x23x64
Approximate Unit Weight	130 lbs.	140 lbs.

Optional Features

- Auto Flush
- Waste Recycle
- Pre Filter Gauge
- Control Panel
- Crating
- Powder Coating
(custom colors)

Quad Membrane Industrial Reverse

Standard Features

- * 4 NSF Certified Membranes on LP-11500
- * Stainless Steel Membrane Housing
- * Goulds Multi Stage SS Centrifugal Pump
- * TDS Monitor for Product and Feed
- * Low Pressure Safety Cut Off
- * Product and Drain Flow Meters
- * Stainless Steel Drain Valve
- * 4.25" x 20" Sediment Pre Filter
- * Inlet Solenoid Valve
- * SS Operating Pressure Gauge
- * Comprehensive Warranty
- * Easy to Install and Maintain
- * Aluminum Frame
- * Control Panel
- * Auto Flush

Low Pressure Units are based on 500 ppm properly pre-treated water at 115 psig operating pressure and 77degree water.

High Pressure Units are based on 2000 ppm properly pre-treated water at 225 psig operating pressure and 77degree water.



Unit	LP-11500	HP-8800
Membrane size Part #	4 4x40 low pressure PM-4040-BLF	4 4x40 high pressure PM-4040-BE
GPD	11500	8800
Production GPM	7.63	6.1
Rejection GPM	7.63	7.89
Total GPM	15	14
Recovery	50%	43%
Operating PSI	115	225
Motor Horse Power	1.5	3
Volts	115/230	230
Amps	21.4/10.7	
Connection Feed	1"	1"
Connection Product	3/4"	3/4"
Pump Model	18GBS15FS	18GBS30FS
Pre-Filter Size	4.25x20	4.25x20
Dimensions WxDxH	26x28x64	26x28x64
Approximate Unit Weight	150 lbs.	160 lbs.

Optional Features

- Waste Recycle
- Pre Filter Gauge
- Crating
- Powder Coating
(custom colors)

Multi Membrane Industrial Reverse Osmosis Unit

Standard Features

- * 6 NSF Certified Membranes
- * Stainless Steel Membrane Housing
- * Goulds Multi Stage SS Centrifugal Pump
- * TDS Monitor for Product and Feed
- * Low Pressure Safety Cut Off
- * Product and Drain Flow Meters
- * Stainless Steel Drain Valve
- * 4.25" x 20" Sediment Pre Filters
- * Inlet Solenoid Valve
- * SS Operating Pressure Gauge
- * Comprehensive Warranty
- * Easy to Install and Maintain
- * Aluminum Frame
- * Control Panel
- * Auto Flush
- * Crating on Units Shipped

Unit	LP-17000
Membrane Size Part #	6 4x40 low pressure PM-4040-BLF
GPD	17000
Production GPM	11.97
Rejection GPM	13.01
Total GPM	25
Recovery	47%
Operating PSI	115
Motor Horse Power	3
Volts	230
Amps	21.4/10.7
Connection Feed	1"
Connection Product	1"
Pump Model	25GBS30FS
Pre-Filter Size	4.25x20
Dimensions WxDxH	36x30x74
Approximate Unit Weight	170 lbs.



LP-17,000
6 Membrane Unit
17,000 GPD

Optional Features

- Waste Recycle
- Pre Filter Gauge
- Powder Coating
(custom colors)

Multi Membrane Industrial Reverse Osmosis Unit

Standard Features

- * 10 NSF Certified Membranes
- * Stainless Steel Membrane Housing
- * Goulds Multi Stage SS Centrifugal Pump
- * TDS Monitor for Product and Feed
- * Low Pressure Safety Cut Off
- * Product and Drain Flow Meters
- * Stainless Steel Drain Valve
- * 2 4.25" x 20" Sediment Pre Filters
- * Inlet Solenoid Valve
- * SS Operating Pressure Gauge
- * Comprehensive Warranty
- * Easy to Install and Maintain
- * Aluminum Frame
- * Control Panel
- * Auto Flush
- * Crating on Units Shipped

Production based on properly pre treated feed water at 1500 ppm and 77 degrees F. You must provide a complete water analysis to insure production and warranty/

Unit	LP-20	LP-40
Membrane Size Part #	10 4x40 low pressure PM-4040-BLF	8 8x40 low pressure PM-8040-BLF
GPD	28500	57,000
Production GPM	19.79	39.58 3:1
Rejection GPM	19.79	39.58
Total GPM	39.58	79.16
Recovery	50%	50%
Operating PSI	115	115
Motor Horse Power	5	10
Volts	230	230
Amps		
Connection Feed	2"	2 1/2"
Connection Product	1"	2"
Pump Model	4SVB2J5DO	
Pre-Filter Size	2 4.25x20	1 WB
Dimensions WxDxH	109x35x60	109x35x60
Approx. Unit Weight	210 lbs.	380 lbs.



LP-20



LP-40



Custom Engineered Commercial RO Units

At **FSHS, Inc.** we will custom design units based on your specifications, water analysis, & application information. Using design software from the membrane manufacturer we can ensure that your units meet all your needs.

CSMPRO v4.0 - [Result]

File Option Help Update

Result Scan Diagram Print Close

System Data

FEED	266.67 m3/hr	5,000.00 mg/l	0.00 Bar	
PRODUCT	261.99 m3/hr	25.27 mg/l	0.00 Bar	
CONCENTRATE	4.68 m3/hr	283,745.32 mg/l	169.00 Bar	
% RECOVERY	98.25	TEMPERATURE	25.00 C	

1 Errors / 4 Warnings

Pass 1 Array 1 Array 2

Pass1 Data

RAW WATER	266.67 m3/hr	5,000.00 mg/l	0.00 Bar	Flux decline	5.00 %/yr
SIDE STREAM	m3/hr	mg/l	Bar	Salt Passage increase	8.00 %/yr
BY-PASS(BLENDING)	m3/hr	mg/l	284.75 Bar	MEMBRANE Age	0.00 yr
FEED	266.67 m3/hr	5,000.00 mg/l	0.00 Bar	Average Flux	449.48 l/mh
PERMEATE	261.99 m3/hr	25.27 mg/l	0.00 Bar	Dose	0 mg/l
PRODUCT	261.99 m3/hr	25.27 mg/l	0.00 Bar	SOFTENER	No
CONCENTRATE	4.68 m3/hr	283,745.32 mg/l	169.00 Bar	Array Recycle	No
% RECOVERY	98.25	% REJECTION	99.49	TEMPERATURE	25.00 C

UNIT	Element 1	Element 2	Element 3	Element 4	Element 5	Element 6	Total
Feed m3/hr	266.67	196.05	138.85	89.57	44.99	4.68	266.67
Permeate m3/hr	70.52	57.20	49.27	44.59	40.31	0.00	261.99
Conconcentrat m3/hr	196.05	138.85	89.57	44.99	4.68	4.68	4.68
Recovery %	26.48	29.10	35.49	49.78	89.61	0.00	98.25
Conc. Pol.	1.20	1.23	1.28	1.42	1.87	1.00	1.87
Feed Press. Bar	284.75	228.77	195.99	178.60	171.35	169.96	284.75
Diff. Press. Bar	55.98	32.78	17.40	7.24	1.39	0.09	114.88
Perm. Flux l/mh	1,900.33	1,599.21	1,325.82	1,199.89	1,084.71	0.00	1,175.00
Beta	1.22	1.24	1.30	1.45	1.96	1.00	1.96
Osm. Press. Bar	4.50	5.53	7.76	11.94	23.47	215.15	

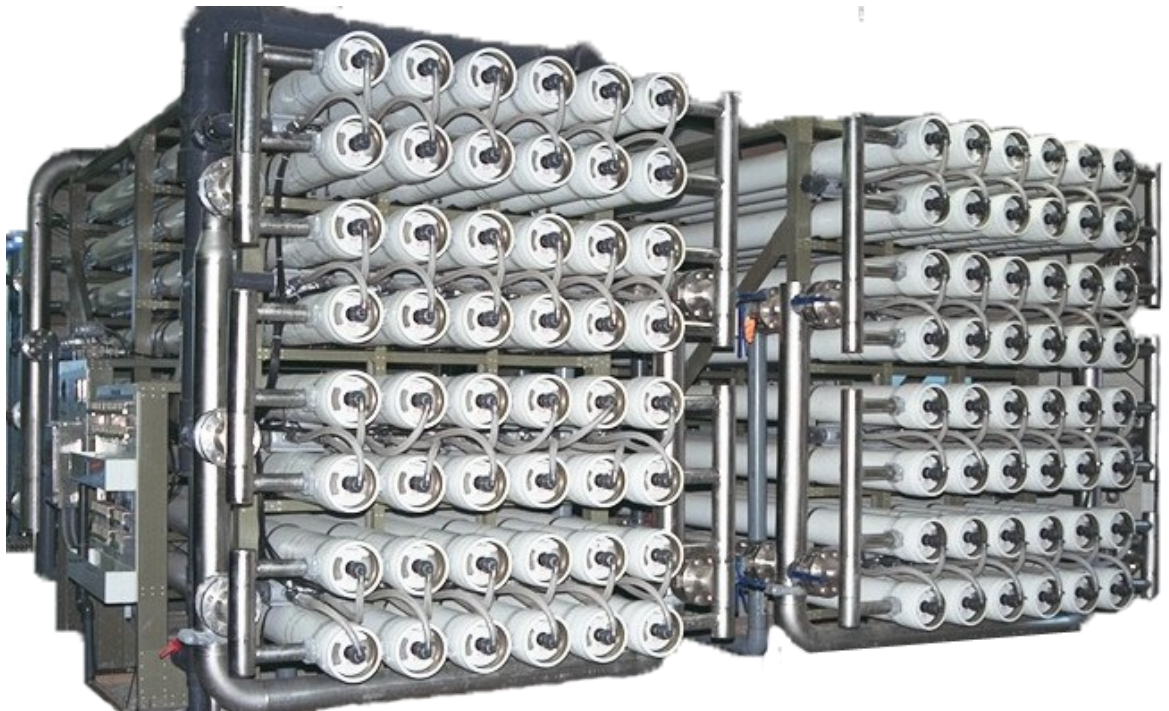
[Pass 1] - [Array 1]

mg/l	Na	K	NH4	Ca	Mg	Fe	Ba	Sr	Cl	NO3	SO4
Feed	1,965.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3,034.19	0.00	0.00
Perm.	9.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.33	0.00	0.00
Conc.	11,557.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	72,187.30	0.00	0.00

F	HCO3	CO3	CO2	B	BOH3	SiO2	Total Alk	TDS	pH	E-Cond
Feed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5000.00	6.81	9228.22
Perm.	0.00	0.00	0.00	0.00	0.00	0.00	0.89	25.27	4.83	53.81
Conc.	0.00	0.06	0.00	0.00	0.00	0.00	0.89	283745.32	8.40	367848.32

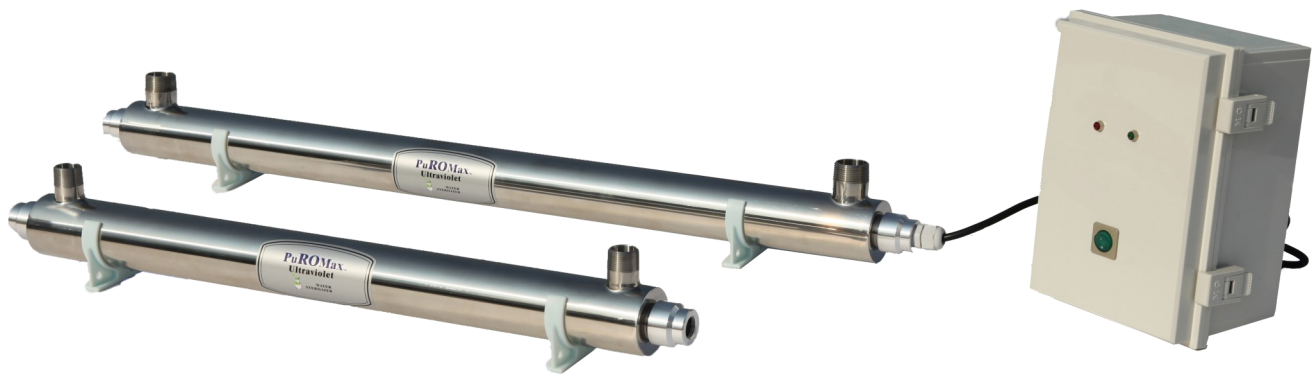
Concentrate Saturation	
LSI	-5.290
S & DSI	79.630
CaSO4 (% st.)	0.000
SiO2 (% st.)	0.000
CaF2 (% st.)	0.000
BaSO4 (% st.)	0.000
SrSO4 (% st.)	0.000
Ionic Strength	4.850

Completing a custom design form, available in PDF, will also aide us in custom building a unit specific to your needs. This information can also be used to aide you in selecting proper pre-treatment and storage tank sizing. You can also contact our technical support for assistance. Jeremy@puromax.com



Ultra Violet Lights

The concept of UV disinfection is something found in nature. The same UV light used to purify drinking water is contained in the sun's powerful rays. These rays disinfect the waters all over our globe every day.



Standard Features

- Stainless Steel Reaction Chamber
- Waterproof Lamp Connection
- Easy bulb replacement w/o turning off water to UV
- Mounting hardware included
- 2 yr. limited warranty
- Weather Resistant box on 8gpm and larger for outdoor installation

Optional Features

Available with Special Order

- UV Intensity Meter
- UV Intensity Alarm
- UV Intensity Shutdown

UV's Kill Harmful Bacteria and Other Pathogens Including

E.coli	Cryptosporidium
Coliform	Giardia
Legionella	Staphylococcus
Cholera	Mold
Anthrax	Poliovirus
Streptococcus	Hepatitis
Tuberculosis	Influenza

Part Number

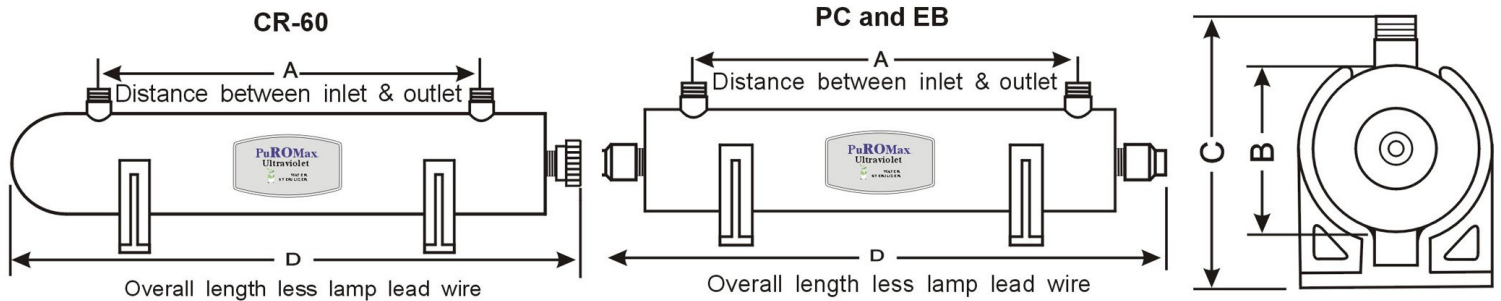
CR-60
PC-2
PC-3*
PC-6*
PC-8
PC-12
EB-24

Item Description

1 GPM UV
2 GPM UV
3 GPM UV
6 GPM UV
8 GPM UV
12 GPM UV
24 GPM UV

* The above listed units and other sizes can be special ordered.

Ultra Violet Lights



Note : Line cord and lamp lead wire omitted for clarity.

Model	A(mm)	A(inch)	B(mm)	B(inch)	C(mm)	C(inch)	D(mm)	D(inch)	Standard Inlet & Outlet Size	Option
CR-60	168	6.62"	50.8	2"	90	3.54"	265	10.44"	1/4" NPT or BSP	-
PC-2	235	9.25"	63.5	2.5"	103	4.06"	355	13.98"	1/4" NPT or BSP	1/2" NPT or BSP
PC-3	260	10.24"	63.5	2.5"	108	4.25"	375	14.76"	1/2" NPT or BSP	-
PC-6	440	17.32"	63.5	2.5"	108	4.25"	555	21.85"	1/2" NPT or BSP	-
PC-8	585	23.03"	63.5	2.5"	108	4.25"	705	27.76"	3/4" NPT or BSP	1/2" NPT or BSP
PC-12	800	31.5"	63.5	2.5"	110	4.33"	935	36.81"	1" NPT or BSP	3/4" NPT or BSP
EB-24	785	30.91"	89	3.5"	160	6.3"	935	36.81"	1.5" NPT or BSP	-



The Water Quality Association says, “UV, like distillation, disinfects water without adding chemicals, and therefore possesses some of the same benefits as distillation. It does not create new chemical complexes, nor does it change the taste or odor of the water, and does not remove any beneficial minerals in the water. Ultraviolet devices are most effective when the water has already been partially treated, and only the cleanest water passes through the UV flow chamber. UV devices are therefore often combined with other technologies such as carbon filters, water softeners, and reverse osmosis systems to provide complete water quality solutions.”



Ultra Violet Lights Replacement Parts

UV Replacement Parts	CR-60	PC-2	PC-3	PC-6	PC-8	PC-12	EB-24
Description	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.
Germicidal Ultraviolet Lamp	T510	T514	T515	T521	T529	T540	T585
Rubber O-Ring	21735	21735	21735	21735	21735	21735	21735
Quartz Sleeve	T245250	T245330	T245350	T245530	T245680	T245910	T245910
Clip	1001	C-2500W	C-2500W	C-2500W	C-2500W	C-2500W	1004
Ballast	UV-1/UV-3	UV-1/UV-3	UV-1/UV-3	UV-1/UV-6	UV-6	UV-6	UV-8

Replacing UV lamp and servicing UV system:

Note: Avoid touching the sides of the quartz sleeve and lamp, handle by the ends only.

1. Disconnect power.
2. Turn water off and open down stream of system to relieve pressure.
3. Unscrew the water proof strainer/Pvc cap(CR-60)(1)and the aluminum nuts (2) .
4. Carefully withdraw lamp(4)approximately 2 inches from chamber(7).
- 5.While holding lamp end carefully remove lamp socket(3)on end now exposed.
- 6.Carefully withdraw lamp from chamber.
- 7.Carefully remove O-rings(5)from the ends of the quartz sleeve(6).
- 8.Carefully remove the quartz sleeve.
- 9.To reinstall follow step 8 through 1 in reverse.

Maintenance suggestion:

To operate the sterilizer properly and attain its maximum efficiency that the users need to do some maintenance job as below.

- 1.Quartz sleeve cleaning or replacement:
 - a)Quartz sleeve is to be cleaned every 6-12 months with glass cleaner.
 - b)Quartz sleeve is to be replaced every 24 months.
- 2.UV lamp replacement is recommended every 8000-9000 hours of operation(approx.12 months of continuous service).
- 3.For purchasing replaceable components,please contact our local agents or our head office.



300 GPD with Pump and Auto Flush CW300-BP



Specifications

System Capacity GPD*	300 gpd
Recovery.....	50%
Rejections	98% min
Pre-Filter	20" 5
Pre-Filter	CB 20"
Post Filter	GAC 20"
Membrane.....	Thin Film Composite
TDS	1000p.p.m. max
Feed Pressure	30-150psi
Feed Water PH	4-11
Water Temperature	4-45C
Voltage.....	115vac
*300 gpd +/- 15% @ 65psi, 25 C Potable Water	
Manufactured by FSHS, Inc.in Charlotte Harbor, Florida, U.S.A.	
Not intended for microbiologically unsafe or non potable water	

Standard Features:

- *Hydraulic shut off valve
- *5u 20" pre filter, for sediment, rust and dirt
- *Carbon Block 20" pre filter, for chlorine removal
- *GAC 20" final polishing filter, for taste and odor
- *Auto Flush to increase membrane life
- *Powder coated mounting bracket
- *Installs like any under sink R/O
- *No special tools or training needed

***Minimum space required**

32 1/8 H x 17 1/2 W x 9 1/2 D

Filter Systems

Dual Filter System



UCDSTD-PR

The UCDSTD-PR comes complete with NSF certified quick connect fittings, self piercing feed valve, NSF approved tubing, and long reach chrome faucet. The UCDSTD-PR also comes with a SF5-10 sediment filter and a PCTO/2 carbon block. Custom filter configurations are available upon request.

Triple Filter System



UCTSTD-PR

The UCTSTD-PR comes complete with NSF certified quick connect fittings, self piercing feed valve, NSF approved tubing, and long reach chrome faucet. The UCTSTD-PR also comes with a SF5-10 sediment filter, GAC10N granular carbon, and a PCTO/2 carbon block. Custom filter configurations are available upon request.

Built and Tested in the USA





The UCSSF-PR comes complete with:

NSF Certified Quick Connect Fittings

NSF Certified Tubing

NSF Certified Filter Housing

NSF Certified Carbon Block

NSF Feed Valve

Long Reach Chrome Faucet

Mounting Bracket



**PuROMax Carbon Block Features:
NSF 42 Certified**

**Effective to reduce chlorine, VOC's, pesticides,
hazardous chemicals, odor removal and
taste improvement.**

**Low pressure drop, high dirt holding capacity,
durable physical strength, and steady
flow to achieve reliable performance and
long life.**

**85% Chlorine removal for 3,500 gallons at
2 ppm**



Built and Tested in the USA



Value Line R/O's



PC4



WCW5500-38

Features

- NSF Certified 4.4 Gallon Tank
- NSF Certified Quick Connect Fittings on PC Models
- Jaco Style fittings on WCW Models
- Long Reach Chrome Faucet
- 1 Year Limited Warranty
- Complete Installation Kit with Instructions
- Filter Housing Wrench Included
- Color Coded Tubing
- Attractive Packaging for Resale

Part Number

PC-4
PC4-38
PC5-38
WCW5000
WCW550-38

Item Description

Quick Connect 4 stage 50 GPD 1/4" Delivery
Quick Connect 4 Stage 50 GPD 3/8" Delivery
Quick Connect 5 Stage 50 GPD 3/8" Delivery
Jaco Style 4 Stage 50 GPD 1/4" Delivery
Jaco Style 5 Stage 50 GPD 3/8" Delivery

Units also available in 100 and 150 GPD

HR-3

The PuROMax™ HR-3 Improves Recovery Rate By As Much As 400%



HR-3

The PuROMax HR-3 is one of the most environmentally friendly units on the market. Unlike systems that pump the drain back into the water supply, the HR-3 uses less water overall. The reverse osmosis unit processes water at the molecular level. By squeezing ordinary tap water against a special membrane, pure water molecules are separated from impurities. These impurities are automatically rinsed down the drain leaving only clean great tasting water. As a tank fills on a reverse osmosis unit it generates back pressure on the membrane. On most reverse osmosis units this added back pressure causes the membrane to work harder to make pure water. The PuROMax *High Recovery* unit utilizes a non-electric energy recovery device, called a permeate pump, which dramatically improves the efficiency of an R/O system. Therefore by removing the back pressure, the drain amount never changes. This unit will improve recovery by as much as 400% and reduces waste water by 80%. It also increases product tank pressure (up to 95% of feed pressure). By using less water this also means that the filters last longer and do not need to be changed as often.

Specifications

System Capacity	50GPD
Tank Capacity	4.4 gal
Rejections.....	98%
Pre-Filter	carbon block
Post Filter	GAC
Membrane.....	TFC
TDS	2000p.p.m. max
Feed Pressure	30-100psi
Hydrogen Sulfide.....	None
Feed Water PH	3-11
Water Temperature	0-80F
Iron.....	1 ppb max
Hardness.....	10-12 gpg max

Production based on 60 psig @ 25 degrees c

Features

- No electricity required
- Built and tested in the USA
- NSF Certified White 4.4 Gallon Tank
- NSF Certified Quick Connect Fittings
- Long Reach Chrome Faucet
- 3 Year Limited Warranty
- Complete Installation Kit with Instructions
- Filter Housing Wrench Included
- NSF Certified Color Coded Tubing

Built and Tested in the USA





Booster Pump Units

The PuROMax booster pump line is designed for low water pressure, cold water, and high TDS applications. By boosting the pressure to the membrane it is able to overcome the issues usually associated with under sink R/O's and wells. The most common problems is well system pressure. Most well systems are designed to operate at 40 to 60 psi when most under sink membranes are rated at 65 psi for maximum output. This means that a conventional R/O unit would be trying to operate at an average of 50 psi. The PuROMax booster pump series boosts the incoming water to about 80 psi allowing you to achieve maximum performance from your system.

The second issue with most units is high TDS, the higher the TDS the more pressure is needed to achieve pure water. With higher pressure you are able to press the pure water through the membrane.

As explained above, the PuROMax booster pump series delivers more pressure to the unit to overcome these issues. Lastly the colder the water gets the denser it becomes. This causes membranes to lose production. By adding pressure the membrane will produce more water overcoming this loss. For more information check out the temperature correction sheet.



BP-5

Specifications

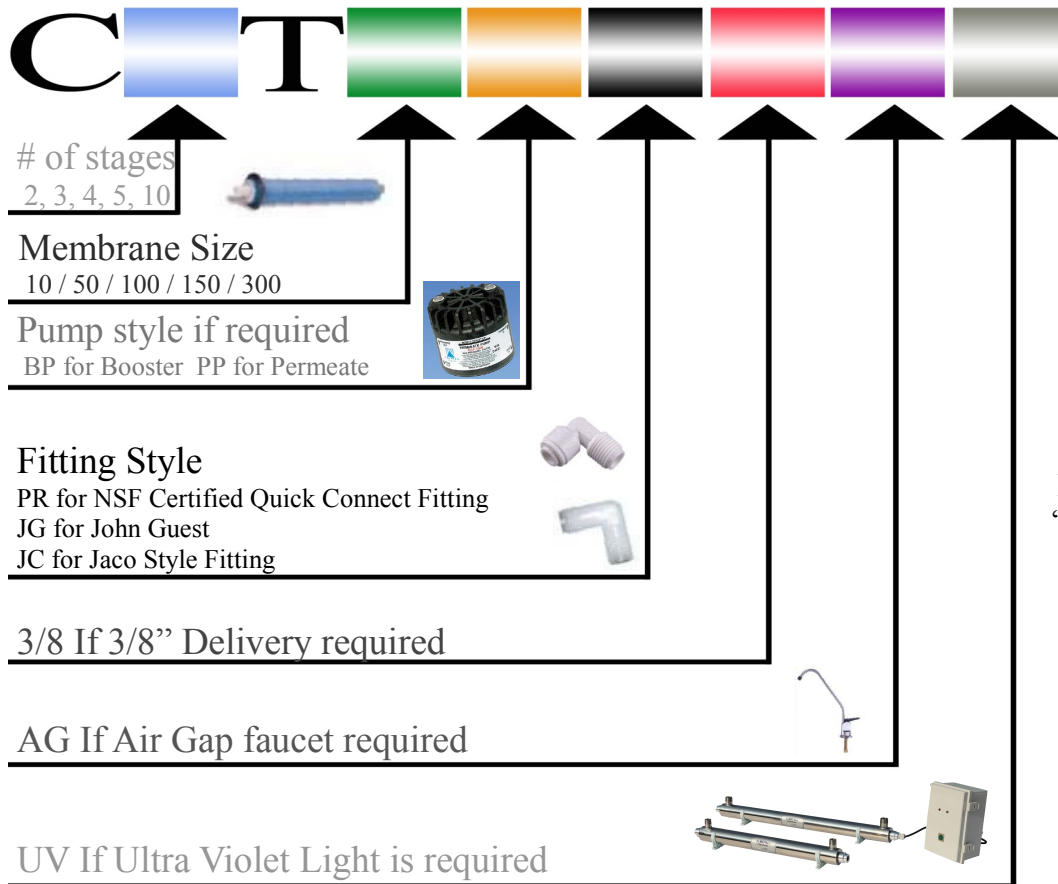
System Capacity	50GPD
Tank Capacity	4.4 gal
Rejections.....	98%
Pre-Filter	SF5-10
Pre-Filter	carbon block
Pre-Filter	GAC
Post Filter	GAC
Membrane.....	TFC
TDS	2000p.p.m. max
Feed Pressure	30-100psi
Hydrogen Sulfide.....	None
Feed Water PH	3-11
Water Temperature	0-80F
Iron.....	1 ppb max
Hardness.....	10-12 gpg max
Voltage.....	110vac 50 hrz

Production based on 60 psig @ 25 degrees c

Features

- Built and tested in the USA
- NSF Certified TFC Membrane
- NSF Certified White 4.4 Gallon Tank
- NSF Certified Quick Connect Fittings
- NSF Certified Color Coded Tubing
- Long Reach Chrome Faucet
- 1 Year Limited Warranty
- Complete Installation Kit with Instructions
- Filter Housing Wrench Included
- Attractive Packaging for Resale

Custom Built RO Units Champ Series



All Champ Units are Custom Built
In The U.S.A. to your specifications.
"If you can dream it, we will build it"

Standard Features

- Tested at 130 psi To Insure leak Free Operation
- 10-300 GPD Membrane Capacities
- NSF Certified Membranes
- NSF Certified 4.4 Gallon Tank
- Available with 2 to 10 Filter Stages
- Custom Private Labeling Available
- NSF Certified Color Coded Tubing
- Any Filter Combination Available
- Attractive White Box
- Designer Style NSF Certified Colored Faucets Available
- 3 Year Limited Warranty



Holding Tanks

Our Holding Tanks come complete with everything you need for installation. They make a great fit with our commercial line of R/O units, making them plug and play. Each tank comes with upper and lower floats, Sta-Rite stainless steel submersible pump, high pressure switch, pressure gauge, and 20 gallon pressurized tank. These Duke tanks have a twist off top, making them easy to service and clean. The 150 gallon model also fits through a standard door.



<u>Part Number</u>	<u>Item Description</u>	<u>Dimensions</u> diam. by height
Duke 150	150 Gallon Holding Tank	30 1/2" by 60"
Duke 350	350 Gallon Holding Tank	48" by 65"
Duke 500	500 Gallon Holding Tank	48" by 84"
PP/PT1100	1100 Gallon Tank	72" by 72" 16" opening
PP/PT1700	1700 Gallon Tank	76" 93" 16" opening

*Other Tank Sizes May be Available Upon Request.
Please call a sales associate for help sizing storage tanks.



Pressurized Tanks

<u>Part Number</u>	<u>Item Description</u>	<u>Height</u>	<u>Diameter</u>	<u>Weight</u>
Aqua-4	4 Gallon Pressurized Tank	14"	10.95"	9 lbs.
Aqua-11	11 Gallon Pressurized Tank	24.4"	16.5"	23 lbs.
Aqua-20	20 Gallon Pressurized Tank	28.35"	14.97"	32 lbs.
PC 66	20 Gallon Pressurized Tank	28.8"	16"	38.5 lbs.
PC122	33 Gallon Pressurized Tank	42.8"	21"	57 lbs.
PC 144	44 Gallon Pressurized Tank	36.2"	21"	71.5 lbs.
PC211	66 Gallon Pressurized Tank	47.9"	21"	85 lbs.

Tank Floats



<u>Part Number</u>	<u>Item Description</u>
HR2CU20R1	110 volt high level float switch
HR2CU20R2	220 volt high level float switch



Pre Filters

Sediment Filters

PuROMaX™ Sediment filters are used world wide as an effective filter for removing solid particles.

Every PuROMaX™ Sediment filter is made from spun polypropylene.

These filters are used to remove things like sand, dirt, silt, and rust.



Part #	Outside Diameter	Length	Micron Rating	Description
SF5-10	2.5"	9.75"	5	Spun poly sediment pre-filter
SF5-20	2.5"	20"	5	Spun poly sediment pre-filter
SF5-10-425	4.25"	9.75"	5	Spun poly sediment pre-filter
SF5-20-425	4.25"	20"	5	Spun poly sediment pre-filter

Carbon Filters

PuROMaX™ PCTO/2 carbon block filters are used world wide as an effective filter for removing free chlorine.

Every PuROMaX™ PCTO/2 is made from coconut shell, palm or nut shell, and coal based carbons.

These filters are used to remove VOC's, reduce chlorines, and absorb chemicals.

Part #	Outside Diameter	Length	Chlorine Capacity	Micron Rating	Media	Caps	Gaskets
PCT0/2	2.5"	9.75"	3,800 gallons @ 1gpm	5	Bonded GAC Carbon	Polypropylene	Bune-N
PCT0/2-20	2.5"	20"	9,000 gallons @ 2gpm	5	Bonded GAC Carbon	Polypropylene	Bune-N
PCT0/2-10-425	4.25"	9.75"	12,000 gallons @ 3gpm	5	Bonded GAC Carbon	Polypropylene	Bune-N
PCT0/2-20-425	4.25"	20"	26,000 gallons @ 7gpm	5	Bonded GAC Carbon	Polypropylene	Bune-N



Pre-filters should be changed regularly for optimal benefits.

Operating Conditions:

Maximum operating pressure 200 psig.

Maximum operating temperature 125 degrees F.

Maximum differential pressure 100 psig.



GAC Filters

PuROMax™ GAC filters are used world wide as an effective filter for removing taste and odor. Every PuROMax™ GAC Filter is made from coconut shell carbons. These filters are used as a polishing filter which adds a sweet taste to the water.



Granulated Activated Carbon Cartridge Filters

Part #	Outside Diameter	Length	Description
GAC10N	2"	10"	Cartridge GAC Filter
GAC20N	2"	20"	Cartridge GAC Filter
GACBB-10	4.25"	10"	Cartridge GAC Filter
GACBB-20	4.25"	20"	Cartridge GAC Filter



Inline Granulated Activated Carbon Filters

Part #	Outside Diameter	Length	Connection	Description
Aicro	2"	10"	1/4" female pipe thread	GAC inline post filter
PR-D2586C	2"	10"	1/4" push connect	Push connect GAC inline post filter
PR-D25633C	2.5"	10"	1/4" push connect	Push Connect inline post filter

Residential Membranes



PuROMax™ membranes are NSF certified. PuROMax™ membranes use a thin film layer that does not allow certain ions to pass through it. This process removes up to 98% of foreign ions allowing you to create ultra pure water.

Standard Membranes

Part #	Description
CTA-16	16GPD CTA Membrane
TFM-18	18 GPD TFC Membrane
TFM-25	25 GPD TFC Membrane
TFM-35	35 GPD TFC Membrane
TFM-50	50 GPD TFC Membrane
TFM-75	75 GPD TFC Membrane
TFM-100	100 GPD TFC Membrane
TFM-150	150 GPD TFC Membrane

Chlorine Tolerant Membrane

Part #	Description
TFM-50-CE	Chlorine Tolerant 50 GPD Membrane

*To ensure proper life of the membrane proper pre-treatment may be required. These numbers are based on 100 mg/L NaCl; 20 psi; 77 degrees F; pH 6.5-7.0; 10%-20% recovery.

Commercial Membranes



Commercial Membranes	
Part Number	Item Description
PM-4040-BLF	4" x 40" low pressure membrane
PM-4040-BE	4" x 40" high pressure membrane
PM-4021-BLF	4" x 21" low pressure membrane
PM-2540-BLF	2.5" x 40" low pressure membrane
PM-2521-BLF	2.5" x 21" low pressure membrane
PM-8040-BLF	8" x 40" low pressure membrane
PM-16040-BLR	16" x 40" low pressure membrane

Membrane Specs

Part #	Permeate Flow Rate	Rejection	Effective Area Ft ² (mm ²)	Diameter Inch (mm)	Length Inch (mm)	Operating Pressure
PM-4040-BLF	2800 GPD	99.2	85 (7.9)	4" (102)	40" (1016)	115 psi
PM-4040-BE	2400 GPD	99.7	85 (7.9)	4" (102)	40" (1016)	225 psi
PM-4021-BLF	1050 GPD	99.2	35 (3.3)	4" (102)	21" (534)	100 psi
PM-2540-TL	800 GPD	99.2	27 (2.5)	2.5" (64)	40" (1016)	100 psi
PM-2521-BLF	350 GPD	99.2	12 (1.1)	2.5" (64)	21" (534)	100 psi
PM-8040-BLF	11,500 GPD	99.2	400 (37.2)	8" (203)	40" (1016)	100 psi
PM-16040-BLR	36,000 GPD	99.6	1600 (148.6)	16" (400)	40" (1016)	150 psi

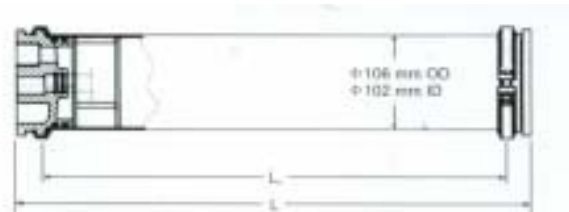
These membrane sizes are in stock.

* Other sizes, & flow rates are available upon request.

Commercial Membrane Housings

Stainless Steel (316) Membrane Housings

Part Number	Item Description
PV-2514-SS-ABS	2.5" x 14" Stainless Steel (316) Housing
PV-2521-SS-ABS	2.5" x 21" Stainless Steel (316) Housing
PV-2540-SS-ABS	2.5" x 40" Stainless Steel (316) Housing
PV-4021-SS-ABS	4" x 21" Stainless Steel (316) Housing
PV-4040-SS-ABS	4" x 40" Stainless Steel (316) Housing
PV-4080-SS-ABS	4" x 80" Stainless Steel (316) Housing



Membrane Housing Specs

Model #	L Inches	L (mm)	L1 Inches	L1 (mm)	Feed Port Inches	Feed Port (mm)	Permeate Port Inches	Permeate Port (mm)
PV-2521-SS-ABS	23"	584	20.8"	528	3/8"	9.525	3/8"	9.525
PV-2540-SS-ABS	42.5"	1079	40.3"	1023	3/8"	9.525	3/8"	9.525
PV-4021-SS-ABS	23"	584	20.8"	528	3/4"	20	1/2"	15
PV-4040-SS-ABS	42.9"	1090	40.6"	1030	3/4"	20	1/2"	15
PV-4080-SS-ABS	82.9"	2106	80.6"	2046	3/4"	20	3/4"	20

*** Fiberglass Housings are available upon Request. They are not a stock item.**

Commercial R/O Parts

Needle Valves

Part #	Item Description
UT040A	1/4" Stainless Steel Needle Valve
UT0404E	1/2" Stainless Steel Needle Valve



Globe Valves

Part #	Item Description
SHA-951220	3/4" Stainless Steel Globe Valve
SHA-951225	1" Stainless Steel Globe Valve



Solenoids Plastic (Normally Closed)

Part #	Item Description
210-100	110 Volt Solenoid Valve 1" Female Pipe Thread
210-000	24 Volt Solenoid Valve 1" Female Pipe Thread
210-1002	220 Volt Solenoid Valve 1" Female Pipe Thread



Solenoids Stainless Steel (Normally Closed)

Part #	Item Description
YCD-115-NSE-110	110 Volt 1/2" Solenoid Valve
YCD-1120-NSE-110	110 Volt 3/4" Solenoid Valve
YCD-1120-NSE-220	220 Volt 3/4" Solenoid Valve
YCD-1125-NSE-110	110 Volt 1" Solenoid Valve
YCD-1125-NSE-220	220 Volt 1" Solenoid Valve
YCD-1140-NSE-220	220 Volt 1 1/2" Solenoid Valve





Commercial R/O Parts



High Pressure Switches	
Part #	Item Description
PSW-340-38	3/8" High Pressure Switch * For LP400-LP1000
FSG-24060	40/60 High Pressure Switch * For LP2800 and larger



Low Pressure Switch	
Item #	Item Description
9013FRG2J23	Reverse Action Low Pressure Safety Switch

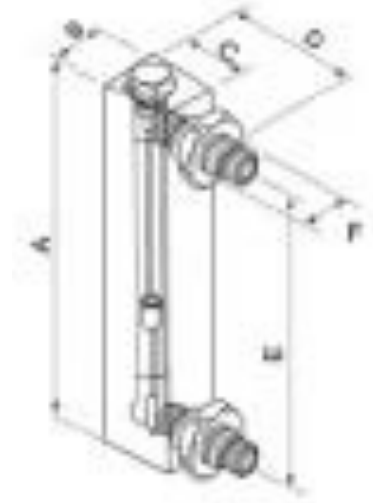
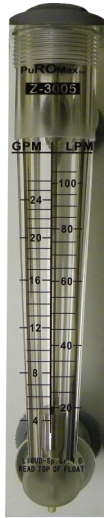


Pressure Gauges	
Item #	Item Description
PGB-100-18	Plastic 100 psi Back Mount Pressure Gauge
PGB-80-SS14	Stainless Steel 80 psi Bottom Mount Pressure Gauge
PGP-150-SS14	Stainless Steel 150 psi Panel Mount Pressure Gauge
PGP-250-SS14	Stainless Steel 250 psi Panel Mount Pressure Gauge



Inline Check Valve	
Item #	Item Description
1001-07	Inline 3/4" female pipe thread check valve

Commercial Flow Meters



Panel Mount Flow Meters

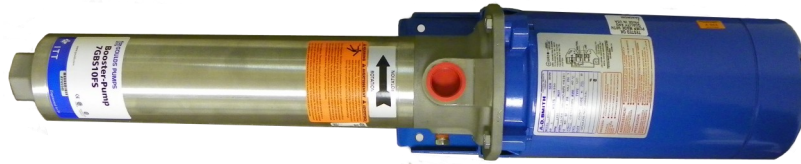
Model #	GPM	LPM	Joint Thread	Float	A mm	B mm	C mm	D mm	E mm	F mm
CFM-2	0.2-2	1-7	1/2"	Stainless	206	34	40	70	165	20
CFM-5	0.5-5	1.8-18	1/2"	Stainless	206	34	40	70	165	20
CFM-10	2-10	8-40	3/4"	Stainless	220	41	45	93	165	33
CFM-16	2-16	460	3/4"	Stainless	220	41	45	93	165	33
CFM-24	4-24	10-100	1"	Stainless	240	44	50	98	175	33
CFM-35	3-35	10-130	1"	Stainless	240	44	50	98	175	33



Inline Flow Meter					
Model	GPM	LPM	Joint Thread	Float	Length
CFM-AM24	4-28	20-100	1" male Stainless Steel	Plastic	7 3/4"



Commercial R/O Pumps and Motors



Pump Model Number	Description	Unit Pump used for
7GBS05FS	Goulds Multistage Booster pump with 1/2 Horsepower AO Smith Motor	LP-2800 LP-5000
7GBD10FS	Goulds Multistage Booster pump with 1 Horsepower AO Smith Motor	HP-2200
10GBS15FS	Goulds Multistage Booster pump with 1 1/2 Horsepower AO Smith Motor	LP-7500 HP-4400 HP-6600
18GBS1514J4	Goulds Multistage Booster pump with 1 1/2 Horsepower AO Smith Motor	LP-115000
18GBS3014Q4	Goulds Multistage Booster pump with 3 Horsepower AO Smith Motor	HP-8800
25GBS30	Goulds Multistage Booster pump with 3 Horsepower Emerson Motor	LP-17000
3SVB1J4E0	Goulds Booster Pump with 5 Horsepower Motor	LP-20
112A070F11BA170	Procon Pump *	LP-500 LP-800
112A0100F11BA170	Procon Pump *	LP-1000

* All Procon 112A07 series Pumps require Emerson Motor Part # CM-13-60
Procon Pump pictured above with Emerson 1/3 hp motor attached.

PuROMax™

Residential Pumps



Booster Pumps *	
Part #	Description
PM-EC-203-50A	50 GPD Booster Pump
PM-EC-203-100A	100 GPD Booster Pump

Booster Pump Replacement Parts	
Part #	Description
PR-CV6210B	1/4" Quick Connect Tank Switch

Booster Pumps are for use with water pressure below 40 psi, or in high TDS applications.

* Pumps listed above come with transformer and tank shut off switch needed for use.



Delivery Pumps	
Part #	Description
DDP880	1.4 GPM Delivery Pump
DDP6800	0.6 GPM Delivery Pump
PDP5512	4.3 GPM Delivery Pump

Delivery pumps are used to maintain pressure in the water lines when moving water more than 20 feet from the R/O unit.

Permeate Pump	
Part #	Description
ERP-1000	10-100 GPD Permeate Pump



This Permeate Pump is capable of improving the recovery rate by as much as 400% under normal use, while reducing waste water by as much as 80%. The permeate pump increases the net pressure across the membrane by isolating the permeate back pressure to less than 5 psi.

Housings & Brackets



Part #	Description	Port Size
MH18	Standard membrane Housing	1/8"
FH4200	Standard 10" white Housing	1/4"
FH8000	20" Blue Housing	3/4"
BB10	10" Full Flow Big Blue Housing	1"
BB20	20" Full Flow Big Blue Housing	Available 1" and 1 1/2"



Filter Housing O-Rings

Part #	Item Description
OR-3	O-Ring for standard Membrane Housing
OR-4	O-Ring for standard Filter Housing
OR-5	O-Ring for 2" x 20" Filter Housing
OR-6	O-Ring for 4.25" Filter Housing



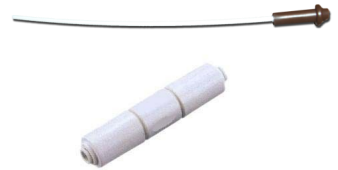
Part #	Item Description	Housing for Bracket
FM-10	Single Filter Bracket	FH4200
FM-20	Single Filter Bracket	FH8000
FM-25	Single Filter Bracket	BB10, BB20
FM-40	Double Filter Bracket	FH4200
FM-60	Triple Filter Bracket	FH4200
B-370	Triple Filter Bracket Plus Pump	FH4200 and Booster pump
B-372	Triple Filter Bracket	FH8000
B-720	Triple Filter Stand	FH8000



Residential R/O Parts

Flow Restrictors

Part #	Item Description
FR-*** Insert Gallon size ***	capillary style flow restrictor Available 18, 25, 36, 50, 75, 100, 500 gallon rating
PR-FR2242	Inline style, push connect, flow restrictor 50 gpd



Automatic Shut Off Valves

Part #	Item Description
ASVO	Jaco style Automatic Shut off Valve
PR-CV0201W	Push Connect style Automatic Shut Off Valve



Drain Clamps

Part #	Item Description
SC500B-14	1/4" Drain Clamp
SC500B-38	3/8" Drain Clamp



Ball Valves

Part #	Item Description
BV-90-14	1/4" Jaco Style Tank Ball Valve
BV-90-38	3/8" Jaco Style Tank Ball Valve
PR-CV-1244	1/4" Push Connect Style Tank Ball Valve
PR-CV-1366	3/8" Push Connect Style Tank Ball Valve
PR-CV1344	1/4" Push Connect Style Inline Ball Valve
PR-CV1366	3/8" Push Connect Style Inline Ball Valve



Residential R/O Parts

Nipples	
Part #	Item Description
SSNIP	1/4" Stainless Steel Nipple
PR-HN0404	1/4" Plastic Hex Nipple



Feed Valves	
Part #	Item Description
SV-6	Saddle Valve
ASVPP1*	John Guest Adapter Valve 3/8" Male Compression x 3/8" Female x 1/4" Tube
ASVPP2*	John Guest Adapter Valve 3/8" Male Compression x 3/8" Female x 3/8" Tube



*John Guest Valves, not for use in CA

Check Valves	
Part #	Item Description
PJ-CV3142	Jaco Style elbow 1/4" tube by 1/8" pipe thread with Check Valve
PR-CV3142	Push Connect Style elbow 1/4" tube by 1/8" pipe thread with Check Valve
PR-CV3344	1/4" Push Connect style inline Check Valve
J06-22626	3/8" Quick Connect style inline Check Valve
J0822826	1/2" Quick Connect style inline Check Valve
C-256	Push in style Check Valve for Jaco Style Fittings
C-220	Push in style Check Valve for John Guest fittings



Clips	
Part #	Item Description
C-2000W	Single Inline Clip
C-2500W	Single Membrane Clip
DC-2500W	Double Clip Membrane Housing to Inline
DC-3000W	Double Clip Membrane Housing to Membrane Housing



Tubing

John Guest NSF Certified Tubing

<u>Part #</u>	<u>Item Description</u>
PE-08-***-0500	1/4" Colored Tubing
PE-12-***-0500	3/8" Colored Tubing

*** Insert R=Red Insert Y=Yellow Insert EB=Black Insert B=Blue
Tubing comes in 500 ft. Rolls.



High Pressure Black Tubing

<u>Part #</u>	<u>Item Description</u>
NBR-8-062	1/2" High Pressure Tubing

Low Pressure Flexible White Tubing 130 psi NSF certified

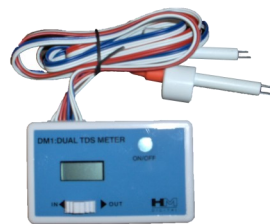
Part #	Item Description
K6155-08	1/2" White Tubing
K66155-12	3/4" White Tubing
620-010	Tube Clamp



Faucets & TDS Meters



Part #		Item Description
Non Air Gap	With Air Gap	
WDF103B	WDF103AG	Standard Long Reach Chrome Flip Style Faucet
WDF103BN		Standard Flip Style Brushed Nickel Faucet
NCP9053WE		NSF Certified Designer Style White Faucet
NCP9053OB	NCP9053AGOB	NSF Certified Designer Style Oil Rubbed Faucet
NCP9053NP	NCP9053AGNP	NSF Certified Designer Style Brushed Nickel Faucet
NCP9053CP	NCP9053AGCP	NSF Certified Designer Style Polished Chrome Faucet



TDS Meters	
Part #	Item Description
DM-1	Inline Dual TDS Meter. Measures 0-9990 ppm used for residential units
DM-2	Inline Dial TDS Meter. Measure 0-9990 ppm used for commercial application
TDS-3	Pocket TDS meter. Comes with carrying case. Measures 0-9990 ppm Also measures water temp.

NSF Certified Push Connect Style Fittings



Male Connector	
Part #	Item Description
PR-MC0402	1/4" Tube x 1/8" Male Pipe Thread
PR-MC0404	1/4" Tube x 1/4" Male Pipe Thread
PR-MC0406	1/4" Tube x 3/8" Male Pipe Thread
PR-MC0604	3/8" Tube x 1/4" Male Pipe Thread
PR-MC0606	3/8" Tube x 3/8" Male Pipe Thread
PR-MC0608	3/8" Tube x 1/2" Male Pipe Thread
PR-MC0806	1/2" Tube x 3/8" Male Pipe Thread



Stem Adapter	
Part #	Item Description
PR-SA0404	1/4" Stem x 1/4" Male Pipe Thread
PR-SA0604	3/8" Stem x 1/4" Male Pipe Thread



Stem Reducer	
Part #	Item Description
PR-SR0403	1/4" Tube x 3/8" Stem Reducer



Male Elbow	
Part #	Item Description
PR-ME0402	1/4" Tube x 1/8" Male Pipe Thread
PR-ME0404	1/4" Tube x 1/4" Male Pipe Thread
PR-ME0406	1/4" Tube x 3/8" Male Pipe Thread
PR-ME0604	3/8" Tube x 1/4" Male Pipe Thread



Faucet Adapter	
Part #	Item Description
PR-FA04-716	1/4" Tube x 5/16" Female Pipe Thread
PR-FA06-716	3/8" Tube x 5/16" Female Pipe Thread



Male Run T	
Part #	Item Description
PR-MRT0404	1/4" Tube x 1/4" Male Pipe Thread
PR-MRT0604	3/8" Tube x 1/4" Male Pipe Thread



Male Branch T	
Part #	Item Description
PR-MBT0404	1/4" Tube x 1/4" Male Pipe Thread



NSF Certified Push Connect Style Fittings



Stem Elbow	
Part #	Item Description
PR-SE0404	1/4" Tube x 1/4" Stem
PR-SE0604	3/8" Tube x 1/4" Stem
PR-SE0606	3/8" Tube x 3/8" Stem

Parts	
Part #	Item Description
PR-LC004BU	Blue 1/4" Locking Clip
PR-LC006BU	Blue 3/8" Locking Clip
OR-14	1/4" Replacement O-ring
OR-38	3/8" Replacement O-ring
PR-C0004	1/4" Replacement Colet
PR-c0006	3/8" Replacement Colet



Union Connector	
Part #	Item Description
PR-UC0404	1/4" Tube x 1/4" Tube Union
PR-UC0604	3/8" Tube x 1/4" Tube Reducing Union
PR-UC0606	3/8" Tube x 3/8" Tube Union



These Fitting Should be used with locking clips.
Locking clips are provided with every fitting.



Male Elbow	
Part #	Item Description
PR-UT0404	1/4" Tube Union T
PR-UT0604	1/4" Tube x 3/8" Tube x 1/4" Tube Union T
PR-UT0406	3/8" Tube x 1/4" Tube x 3/8" Tube Union T
PR-UT0606	3/8" Tube Union T

Parker Fittings



Parker High Pressure Fitting NSF Certified	
Part #	Item Description
A8MC8-MG	1/2" Tube x 1/2" Male Pipe Thread Straight
A8MC6-MG	1/2" Tube x 3/8" Male Pipe Thread Straight
A6MC8-MG	3/8" Tube x 1/2" Male Pipe Thread Straight
A8EU8-MG	1/2" Tube x 1/2" Tube Elbow Union
A8TEB8	1/2" Stem x 1/2" Barb Elbow Adapter
A8TMC8	1/2" Stem x 1/2" Male Pipe Thread Straight
A8TU8-MG	1/2" Tube x 1/2" Tube 1/2" Tube Union T
A8UC8-MG	1/2" Tube x 1/2" Tube Union Connector
A6FE4-MG	1/4" Female Pipe Thread x 3/8" Tube Elbow
A4RD6-MG	3/8" Stem x 1/4" Tube Reducer
A6RD8-MG	1/2" Stem x 3/8" Tube Reducer
A8BU8-MG	1/2" Tube x 1/2" Tube Bulk Head Union

* Other Sizes and style may be available as special order.



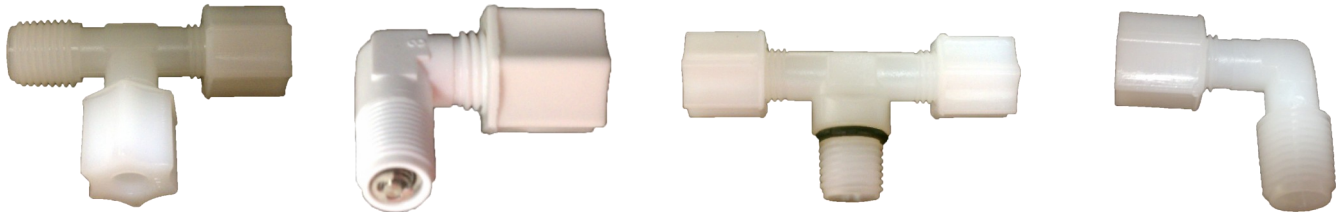
Poly Barb Fittings



Poly Barbed NSF Certified Fittings	
Part #	Item Description
TLS44	1/2" Male Pipe Thread x 1/2" Barb Elbow
TLS46	3/4" Male Pipe Thread x 1/2" Barb Elbow
TLS64	1/2" Male Pipe Thread x 3/4" Barb Elbow
TLS66	3/4" Male Pipe Thread x 3/4" Barb Elbow
TLS68	1" Male Pipe Thread x 3/4" Barb Elbow
TN44	1/2" Male Pipe Thread x 1/2" Barb Straight
TN64	1/2" Male Pipe Thread x 3/4" barb Straight
TN66	3/4" Male Pipe Thread x 3/4" Barb Straight
TN68	1" Male Pipe Thread x 3/4" Barb Straight
TPF44	1/2" Female Pipe Thread x 1/2" Barb Straight
TSSS-666	3/4" Barb x 3/4" Barb x 3/4" Barb Union T
TLPF66	3/4" Female Pipe Thread x 3/4" Barb Elbow



Jaco Style Compression Fittings



Jaco Style Compression Fittings

Part #	Item Description
10-4-4	1/4" Tube x 1/4" Male Pipe Thread
10-6-4	3/8" Tube x 1/4" Male Pipe Thread
40-4-2	1/4" Tube x 1/8" Male Pipe Thread Elbow
40-4-4	1/4" Tube by 1/4" Male Pipe Thread Elbow
40-6-4	3/8" Tube x 1/4" Male Pipe Thread Elbow
40-6-6	3/8" Tube x 3/8" Male Pipe Thread Elbow
60-4-4	1/4" Tube x 1/4" Tube x 1/4" Male Pipe Thread T
60-6-4	3/8" Tube x 1/4" Male Pipe Thread x 3/8" Tube T
75-4-4	1/4" Male Pipe Thread x 1/4" Tube x 1/4" Tube T
70-4	1/4" Tube x 1/4" Tube x 1/4" Tube Union T
70-6	3/8" Tube x 3/8" Tube x 3/8" Tube Union T
15-4-4	1/4" Tube x 1/4" Tube Union Connector
15-6-6	3/8" Tube x 3/8" Tube Union Connector
15-6-4	1/4" Tube x 3/8" Tube Reducing Union
PJ-CV3142	1/4" Tube x 1/8" Thread Male Elbow with Check Valve



Warranties:

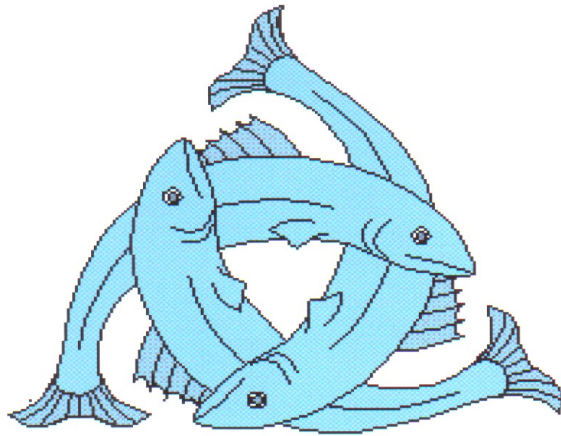
FSHS, Inc. warrants most items to be free from defect in workmanship for a period of one year. Some items are covered by a longer warranty or by the original manufacturers warranty. Commercial / Industrial units are covered for six months. Orders must be inspected upon arrival. Damages must be reported to the trucking company at time of delivery. Discrepancies must be brought to our attention within 14 days of purchase. All orders are shipped F.O.B. our warehouse, Port Charlotte FL.

Returns:

In order for FSHS, Inc. to process your return customers must:

1. Provide the following in writing
 - A. Contact Name
 - B. Company Name
 - C. Item #
 - D. Reason for return
 - E. Customer P.O. # for item (if available)
 - F. FSHS, Inc. Invoice #
2. Before returning you must first receive an RGA form, approving the return.
All returns made without an RGA form will be returned at your expense.
3. Freight to us is prepaid at your expense. No collect shipments will be accepted.
4. All items must be packaged properly. Membranes must be returned moist and in a sealed package. Any damage caused during shipping to our factory is your responsibility.
5. Items not currently sold or special order items will not be available for credit.
6. Warranty items will be repaired or replaced at the discretion of FSHS, Inc.
7. Authorized credits will be issued for non-warranty returns at the price paid, less a 25% restocking fee.

You get more for less at FSHS!



4210 Whidden Blvd.
Port Charlotte, FL 33980
(941) 625-4550
Fax (941) 625-6635
www.PuROMax.com

