



# Water Treatment Parts

## **Spare Parts & Accessories for RO Water Treatment System**

- ▶ UV Water Sterilization
- ▶ Stainless Steel Filter Housing
- ▶ Water Filter Housing
- ▶ RO Water Storage Tank
- ▶ RO Membrane
- ▶ Gravity Water Membrane
- ▶ RO Water Diaphragm Pump
- ▶ Other RO Faucet
- ▶ Pressure Regulating Valve (PRV)



# UV Water Sterilization

-High Quality Stainless Steel #304 Housing (SUS 316 upon request)



## Residential RO Water UV Sterilization

SUV-1C / SUV-2C



## Commercial Water Treatment UV Sterilization

SUV-6C / SUV-12C / SUV-24B / SUV-36B

### ■ Specification

Model No	SUV-1C	SUV-2C	SUV-6C	SUV-12C	SUV-24B	SUV-36B
Product Name	Residential Water Treatment UV Sterilization		Commercial Water Treatment UV Sterilization			
Brand	Spectrum					
Flow Rate (GPM)	1 GPM	2 GPM	6 GPM	12 GPM	24 GPM	36 GPM
Rated Life (hours)	9000 HRS					
Lamp (Watts)	10 watt	14 watt	24 watt	39 watt	39 watt	39 watt
Voltage ( @ 50/60Hz )	110V / 220V					
Visual Warning	LED					
Audible Warning	BUZZER		INDICATOR W/ ALARM			
Number of Lamps	1	1	1	1	1	1
Port Size (inlet/outlet)	1/4" MNPT		1/2" MNPT	3/4" MNPT	1" MNPT	1.5" MNPT
Water Chamber	Stainless Steel 304					
Timer	No	No	No	YES	YES	YES
Length (inch)	10.47"	13.47"	23.23"	36.81"	36.93"	36.93"
Width (inch)	2"	2.5"	2.5"	2.5"	3.5"	5.5"
Maximum Pressure	125 psi					
Working Temperature	35°F~104°F					
Wavelength	254 nm					
Microjoule	30 mj/cm2					
Electronic Ballast Part No.	CEB-1024	CEB-1024	CEB-2439	CEB-2439	CEB-2439	CEB-2439
Quartz Sleeve Part No.	AQS10	AQS14	AQS24	AQS39	AQS39	AQS39
Lamp Part No.	AGL10PP	AGL14PP	AGL24PP	AGL39PP	AGL39PP	AGL39PP
Accessories Part No.	"AUV-NUT-1" "AUV-SEAL"	"AUV-NUT-1" "AUV-SEAL"	"AUV-NUT-1"	"AUV-NUT-1"	"AUV-NUT-1"	"AUV-NUT-1"
			"AUV-NUT-2"	"AUV-NUT-2"	"AUV-NUT-2"	"AUV-NUT-2"
			"AUV-SEAL"	"AUV-SEAL"	"AUV-SEAL"	"AUV-SEAL"
			"AUV-PLUG"	"AUV-PLUG"	"AUV-PLUG"	"AUV-PLUG"
			"AUV-PLUG"	"AUV-PLUG"	"AUV-PLUG"	"AUV-PLUG"

# UV Water Sterilization

-High Quality Stainless Steel #304 Housing (SUS 316 upon request)



## Industrial Water Treatment UV Sterilization

SUV-50B / SUV-60B / SUV-80B / SUV-100B



## Sea Water Treatment UV Sterilization

SUV-150B / SUV-200B

### ■ Specification

Model No	SUV-50B	SUV-60B	SUV-80B	SUV-100B	SUV-150B	SUV-200B
Product Name	Industrial Water Treatment UV Sterilization				Sea Water Treatment Desalination System UV Sterilization	
Brand	Spectrum					
Flow Rate (GPM)	50 GPM	60 GPM	80 GPM	100 GPM	150 GPM	200 GPM
Rated Life (hours)	9000 HRS					
Lamp (Watts)	39 watt				87 watt	
Voltage ( @ 50/60Hz )	110V / 220V					
Visual Warning	LED					
Audible Warning	INDICATOR W/ ALARM					
Number of Lamps	4	5	6	8	6	8
Port Size (inlet/outlet)	1.5" MNPT	2" or 2.5" FLANGE			3" FLANGE	4" FLANGE
Water Chamber	Stainless Steel 304				Stainless Steel 316L	
Timer	YES	YES	YES	YES	YES	YES
Length (inch)	36.93"	36.93"	36.93"	36.93"	36.93"	36.93"
Width (inch)	5.5"	5.5"	6.26"	8.62"	8.62"	8.62"
Maximum Pressure	125 psi					
Working Temperature	35°F~104°F					
Wavelength	254 nm					
Microjoule	30 mj/cm2					
Electronic Ballast Part No.	YEB-2439	YEB-2439	YEB-2439	YEB-2439	YEB-55155	YEB-55155
Quartz Sleeve Part No.	AQS39					
Lamp Part No.	AGL39PP				AGL87PP	
Accessories Part No.	"AUV-NUT-1"    "AUV-NUT-2" "AUV-PLUG"    "AUV-39 SPRING"    "AUV-TIMER"				"AUV-NUT-1" "AUV-NUT-2" "AUV-SEAL"	"AUV-PLUG" "AUV-TIMER" "AUV-39 SPRING"

# Stainless Steel Filter Housing

-High Quality SUS 304 Filter Housing (SUS 316 upon request)



**Slim Stainless Steel Filter Housing**

SLF-014 / SLF-016 / SLF-024 / SLF-026



**Big Blue Stainless Steel Filter Housing**

SSF-014 / SSF-024

## ■ Specification

Model No		SLF-014	SLF-016	SLF-024	SLF-026	SSF-014	SSF-024
Product Name		Slim Stainless Steel Filter Housing				Big Blue Stainless Steel Filter Housing	
Size		10"		20"		10"	20"
Flow Rate (GPM)		1M3/HR		2M3/HR		1M3/HR	2M3/HR
Material		SUS 304	SUS 316	SUS 304	SUS 316	SUS 304	SUS 304
O-ring		EPDM / VITON					
Housing Head Surface Treatment		External: Electrolysis   Internal: Pickling					
Housing Body Surface Treatment		External: Polish   Internal: Pickling					
Operating Pressure		7kg/cm2 (100 psi)				7kg/cm2 (100 psi)	
Maximum Pressure		10 kg/cm2 (150 psi)				10 kg/cm2 (150 psi)	
Dimension	A (mm)	O.D. $\phi$ 145				O.D. $\phi$ 180	
	B (mm)	359	359	609	609	105	105
	C (mm)	178				425	675
Inlet / Outlet		1" PT-F				3/4" ~1" PT-F	
Vent		1/4" PT-F				3/4" ~1" PT-F	
Drain		1/4" PT-F				3/4" PT-M	
Remark		For single stage filter					
Country of Origin (CO)		TAIWAN					

# Water Filter Housing

-Food Grade / SGS certified Filter Housing materials

*/ Safety / Quality / Stability /*

## */ Features /*

- ▶ Excellent and durable quality.
- ▶ Filter housings meet Food Grade / SGS standard.
- ▶ Available with double O-Ring filter housing design.
- ▶ Refillable, reusable, recycle, environmental-friendly.



**10 inches  
RO Filter Housing**  
HS-10CW / HS-10WW



**20 inches  
RO Filter Housing**  
HS-20CW / HS-20WW / HS-20BL

## ■ Specification

Model No	HS-10CW	HS-10WW	HS-20CW	HS-20WW	HS-20BL
Product Name	10 inches RO System Filter Housing		20 inches RO System Filter Housing		
Size	10 inches Standard Size		10 inches Standard Size		
Housing Cap	White Color		White Color	White Color	Black Color
Housing Body	Clear Color	White Color	Clear Color	White Color	Blue Color
Maximum Operating Pressure	125 psi				
Maximum Temperature	120 °F				
Inlet / Outlet	1/4" or 3/8"		1/4" or 3/8"or 3/4"		
Packing Details	15pcs in one box				
Remark	Suitable for filter size 10" x 2.5"				
Country of Origin (CO)	TAIWAN				

# Water Filter Housing

-Food Grade / SGS certified Filter Housing materials

## ■ Specification

Model No	RH-05	RH-10	RH-20	RHBB-10	RHBB-20
Product Name	Re-fillable Standard Filter Housing			Re-fillable Big Blue Filter Housing	
Size	5 inches	10 inches	20 inches	10 inches Big Blue Size	20 inches Big Blue Size
Application	Re-fill filter media such as sand, carbon, resin				
Housing Cap	Blue Color				
Housing Body	White Color				
Maximum Operating Pressure	100 psi				
Maximum Temperature	104 °F				
Remark	Compatible with filter size 5" x 2.5"	Compatible with filter size 10" x 2.5"	Compatible with filter size 20" x 2.5"	Compatible with filter size 10" x 4.5"	Compatible with filter size 20" x 4.5"
Country of Origin (CO)	TAIWAN				



**Re-fillable Water  
Filter Housing**

RH-05 / RH-10 / RHBB-10 / RH-20 / RHBB-20



**Big Blue Water  
Filter Housing**

HSBB-10BL / HSBB-20BL

## ■ Specification

Model No	HSBB-10BL	HSBB-20BL
Product Name	10 inches RO System Filter Housing	20 inches RO System Filter Housing
Size	10 inches Big Blue Size	20 inches Big Blue Size
Application	Heavy Duty High Flow Application	
Housing Cap	Black Color	
Housing Body	Blue Color	
Housing design	With pressure release (air release) valve	
Maximum Operating Pressure	125 psi	
Maximum Temperature	120 °F	
Inlet / Outlet	1" or 1-1/4" or 1-1/2"	
Packing Details	6 pcs in one box	
Remark	suitable for filter 10" x 4.5" Big Blue Size	suitable for filter 20" x 4.5" Big Blue Size
Country of Origin (CO)	TAIWAN	

# RO Water Storage Tank

-NSF certified Pressure Storage Tank



## Features

- ▶ Patented stainless steel water connection.
- ▶ High-grade Chlorobutyl diaphragm.
- ▶ Virgin polypropylene liner.
- ▶ Smooth internal construction prevents diaphragm abrasion damage.
- ▶ Two-part epoxy primer, polyurethane paint finish.
- ▶ Comprehensive testing..



## ■ Specification

Model No	RO-132	TP-12P	TP-19P
Product Name	RO Water Storage Pressure Tank		
Product Type	Steel tank	Plastic tank	Plastic tank
Application	Pressure Tank for RO Water System		
Certification	NSF / CE certified		
Tank Capacity	3.2 gallon	3.2 gallon	5.0 gallon
Tank Color	White Color		
Maximum Operating Pressure	100 psi		
Maximum Temperature	104 °F		
Item Weight	3 kg	3.8 kg	4.5 kg
Country of Origin (CO)	TAIWAN		

# RO Membrane

-NSF certified Membranes

## Quick Change RO Membrane

GT-R50 / GT-R75 / GT-R100 / GT-R200



### ■ Specification

Model No	GT-R50	GT-R75	GT-R100	GT-R200
Product Name	Quick Change RO Membrane			
Membrane Size	1812-50	1812-75	1812-100	1812-200
Application	Membrane for RO Drinking Water System			
Output Capacity	50GPD	75GPD	100GPD	200GPD
Rejection Rate	95% ~97%			
Feed Water Quality	TDS < 500 ppm			
Maximum Feed Water SDI	5			
Maximum Operating Pressure	100 psi			
Maximum Temperature	120 °F			



**High Flow Commercial RO Membrane**



**Residential NSF RO Membrane**

Model No	ULP21-4021	ULP21-4040	ULP-1812-50	ULP-1812-75	ULP-2012-100
Product Name	High Flow Commercial RO Membrane		Residential NSF RO Membrane		
Brand	Vontron				
Application	Membrane for Big Flow RO Water System		Membrane for RO Drinking Water System		
Membrane Size	4021 (4" diameter, 21" length)	4040 (4" diameter, 40" length)	1812-50	1812-75	2012-100
Output Capacity	800 GPD	1500 GPD	50 GDP	75 GPD	100 GPD
Rejection Rate	98% ~99%		95% ~97%		
Recovery Rate	8%	15%	—	—	—
Certification	NSF certified				
Feed Water Quality	TDS < 2000 ppm		TDS < 500 ppm		
Maximum Operating Pressure	100 psi				
Maximum Temperature	120 °F				
Country of Origin (CO)	China				

GPD=gallon per day



# Gravity Water Membrane

-NSF certified Membranes

Green-Tak

## / Features /

- ▶ No power required.
- ▶ No wastewater.
- ▶ Washable and Easy maintenance by residents.
- ▶ High Filtration Performance.



### Gravity Water Membrane Parts

GM-A23 / GM-A68 / GM-A125  
GM-B115 / GM-C133 / GM-C154

## ■ Specification

Model No	GM-A23	GM-A68	GM-A125	GM-B115	GM-C133	GM-C154
Product Name	Gravity Water Membrane Parts					
Application	Membrane for Gravity Water System					
Membrane Pore Size	10 ~ 30 nm					
Membrane Size	diameter 112 mm 23 pcs layer	diameter 112 mm 68 pcs layer	diameter 112 mm 125 pcs layer	diameter 185 mm 115 pcs layer	diameter 315 mm 133 pcs layer	diameter 315 mm 154 pcs layer
Maximum Operating Pressure	100 psi					
Maximum Temperature	120 °F					
Membrane Sheet Certification	NSF / FDA / SGS					
Membrane lifespan	3~5 years					
Country of Origin (CO)	Membrane sheet made in USA Assembly in TAIWAN					

# RO Water Diaphragm Pump

-CE certified Booster Pump

Green-Tak RO Water Diaphragm Pump is a type of diaphragm booster pump to increase the water pressure; it is widely used in residential and commercial RO system or water filtration. Especially RO system can run well on water pressure of 60 psi to 80 psi, therefore, when local city water pressure is low, it is very important to equip with a RO pump to get the constant and stable water flow.

The RO booster pump helps to produce potable water, and fill the storage tank quickly and improve the economy of the system. RO water booster pumps are designed for RO systems and available in wide range of configuration.



**RO Water Diaphragm Pump**

TW-750



**High Flow RO Water Booster Pump**

TW-P600

## ■ Specification

Model No	TW-750	TW-P400	TW-P600
Product Name	RO Water Booster Diaphragm Boost Pump		
Application	suitable for 75GPD RO Water System	suitable for 400GPD RO Water System	suitable for 600GPD RO Water System
By Pass	110 psi	140 psi	140 psi
Voltage	24 VDC	36 VDC	36 VDC
Amper	1.2 A	2 A	5 A
Working Pressure	70 psi		
Working Temperature	100 °F		
Inlet / outlet	3/8"		
Prime	self-priming up to 2 meter		
Certification	CE certified		
Country of Origin (CO)	TAIWAN		

# Other RO Faucet

-Economy Non-air gap Drinking Water Tap

## Features

- ▶ Single Hole Mounted.
- ▶ 360° free swivel.
- ▶ High quality NSF certified ceramic disc valve.
- ▶ Non air gap faucet.
- ▶ Fits to RO units and water purifier.
- ▶ Quick connection and easy installation.



**RO Water Faucet**

FP-01

## ■ Specification

Model No	FP-01
Product Name	RO Faucet
Material	Food Grade Plastic and Stainless Steel 304 Mixed
Application	Suitable for all kinds of RO drinking water purifier system
Length	140 mm
Height	270 mm
Dispense Height	206 mm
Item Weight (gram)	135 g +/- 10%
Country of Origin (CO)	TAIWAN

# Pressure Regulating Valve (PRV)

-Efficient and Cost-effective Solution to Address the Water Hammer Issues

**Noted:** The PRV has passed 100,000 cycle of pressure tests.

The pressure regulating valve (PRV) is suitable to apply for water purifier, RO system, water dispenser, and water filters devices.

The primary purpose is to protect damage by limiting inlet water pressure and reducing water hammer before installation of water purifier devices.



## Features

- ▶ 100% Factory tested.
- ▶ High quality Food Grade Materials.
- ▶ Suitable for RO units and water purifier.
- ▶ Protect any damage caused by high water pressure.
- ▶ Resists water hammer.
- ▶ Quick connection and easy installation.



## ■ Specification

Model No	PRV-01
Product Name	Water Pressure Regulating Valve (PRV)
Material	POM
Application	Reduce or regulating inlet water pressure for RO system and water purifiers
Length	67 mm
Height	57 mm
Item Weight (gram)	70 g
Country of Origin (CO)	TAIWAN