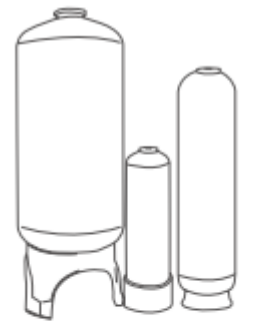


# SEMTEC

Your one- stop water treatment partner

## CATALOG



# Pressure Tanks

## Specification

Max. Operation Pressure	150psi(10.5 Bar)
Operation Temperature	34~122°F (1-50°C)
Max. Vacuum	140 mm Hg
Mini Exposed Temperature	-30°C (-22°F)

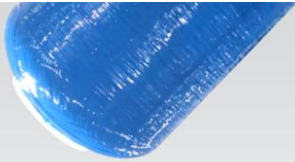


KTW  
W270

WRAS  
APPROVED PRODUCT

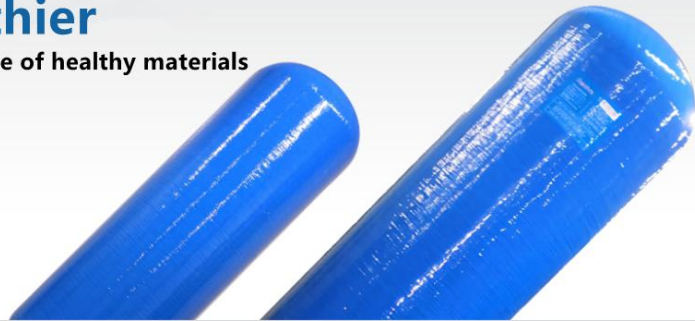


- Automatic robots produced.
- Higher testing standards and requirements.
- Safer and higher quality materials: Food grade, HDPE liner.
- More customization: Brand, color (blue, black, natural, grey, green).
- Certifications: NSF, ACS, KTW, W270 and REACH.
- Longer warranty: 10 years for residential tanks and 5 years for commercial And industrial tanks.
- More combined components reduce costs: such as tube, resin, jackets etc.
- Lower price and faster delivery time.



## Healthier

All wading parts are made of healthy materials



## Open thread made of glass fiber reinforced PP material

The product has passed 250, 000 times 0~150psi pressure fatigue tests

# FRP TANKS

Fully automatic robot production, in strict accordance with international quality standards



## Safety and Quality Materials

HDPE inner, 100% rust-proof and anticorrosion



### UV Protection

Description	Material	Tank Size
Tank Jacket	Neoprene	8"~44"~18"~65"



Description	Material	Tank Diameter
Jacket Cap	Plastic	8"~10"
Jacket Bottom Cover	Plastic	8"~10"



Description	Material	Tank Diameter	Height Range
Round Jacket	Plastic	10"	17"~ 54"
Round Jacket	Stainless Steel	8"~10"	17"~ 54"



Description	Material	Tank Diameter	Height Range
Round Jacket II	Plastic	08"~13"	17"~ 54"
Round Jacket II	Stainless Steel	10"	17"~ 54"
Square Jacket I	Plastic	10"	17"~ 54"
Polygon Jacket	Plastic	10"	17"~ 54"

# Brine Tanks

- Stackable, lightweight design.
- Blow-molded from high quality high density polyethylene providing exceptional crack resistance.
- Seamless one-piece construction with molded handles for easy handling and tight fit lid for security.



**BTR-25**



**BTR-70**



**BTR-100**



**BTR-145**



**BTR-200**

## Specifications

Product Model	BTR-25	BTR-70	BTR-100	BTR-145	BTR-200
Salt Storage Capacity	25L	70L	100L	145L	200L
Product Dimension(WxDxH mm)	φ 285x440	φ 400 x815	φ 460 x875	φ 516 x950	φ 585 x1040
Plastic Bag Packing(WxDxH mm)	285x285x440	405x405x1530	460x460x1645	535x535x1815	615x615x2160
Carbon Box Packing(WxDxH mm)	300x300x480	425x425x1550	480x480x1665	555x555x1835	615x615x2180
Package Quantity(pcs)	1	5	5	5	5



**BTS-70**



**BTS-100**

## Specifications

Product Model	BTS-70	BTS-100
Salt Storage Capacity	70L	100L
Product Dimension(WxDxH mm)	332 x332 x880	382 x382 x880
Plastic Bag Packing(WxDxH mm)	345 x345 x1555	405 x405 x1530
Carbon Box Packing(WxDxH mm)	365 x365 x1575	425 x425 x1550
Package Quantity(pcs)	5	5

## Color Options:



Grey



Black



Blue



White



Almond

- Molded out of durable polyethylene, chemically resistant.
- High wall thickness, less deformation.
- Separate removable salt lid for easy addition of salt.



#### Specifications

Product Model	JS/YT-350	JS/YT-500	JS/YT-750	JS/YT-1000	JS/YT-1500	JS/YT-2000
Salt Storage Capacity	350L	500L	750L	1000L	1500L	2000L
Product Dimension(WxDxH mm)	φ 740x1275	φ 840x1335	φ 960x1395	φ 1080x 1460	φ 1240x1575	φ 1360x1690
Package Quantity(pcs)	5	5	5	4	4	3

## Resin -ion exchange resin



# Water Softener

## Water Softener CS22H 1017/1035



- Auto Control System
- Up-Flow Regeneration
- Large LCD Color Screen
- Flexible Seesaw Cover
- Modern And Elegant Appearance



## Water Softener CS20H 1013/1026/1035



Model	CS20-1013	CS20-1026	CS20-1035	
Control System	BNT-850SE(UF) Control Valve			
Regeneration Type	UP Flow			
Regeneration Mode	Days, Calendar Week/Days, Meter Immediate, Meter Delay, MD Days, Override, MI Days, Override			
Hardness Removal (Gram)	(@ 48 g/L salt dosage)	230	569	781
	(@ 96 g/L salt dosage)	458	1064	1500
	(@ 192 g/L salt dosage)	714	1543	2306
Tank Size	10x13	10x24(QC)	10x33(QC)	
Sand Quantity(Kg)	/	5	5	
Resin Quantity(L)	10.5	21.5	30	
Salt Storage Capacity(Kg)	18	38	54	
Recommended Continuous Service Flow(m³/H)	0.4	0.85	1.0	
Back Wash Flow Rate(L/M)	7.5	7.5	9.0	
Water Used Per Regeneration(L) (@ 96 g/L salt dosage)	45	84	118	
Product Dimension(D×W×H mm)	497x300x495	497x300x825	497x300x1055	
Carton Size(D×W×H mm)	554x372x635	554x372x965	554x372x1195	
Container Capacity(40" HQ, pcs)	512	256	256	
Plumbing Connections	3/4" or 1" Fittings Available			
Electrical Requirements	Input 110V-120V / 220-240V AC 50/60 Hz			
	Output 12V AC 650mA			
Water Supply	Municipal			
Water Temperature(°C)	4 ~ 43			
Operating Pressure(MPa)	0.21 ~ 0.86			

Notes: The data of softener performance is only for reference, it may vary from different water qualities and applications.



Standard Colors:  
Cabinet  White Cover  White

Large Color Screen  
User-friendly large LCD display, humanized interface design.





# Water Filter






## UNDER THE SINK RO SYSTEM

FRESH IDEAS FOR YOUR HOME








## RO SYSTEM CRO-600UX1



-  High Flux
-  Patented Water Saving
-  Leakage Alarm
-  Integrated Water Channels
-  Fast Replace Filter Cartridges

## RO SYSTEM CRO-400UX1 / CRO-600UX1



-  High Flux
-  Patented Water Saving
-  Filter Element Life Reminder
-  Leakage Alarm
-  Integrated Water Channels



# Control Valve

## BNT65 Series Control Valve

3/4", DF Electronic Control

Languages: 



BNT165

Optional Model:



BNT765



BNT265

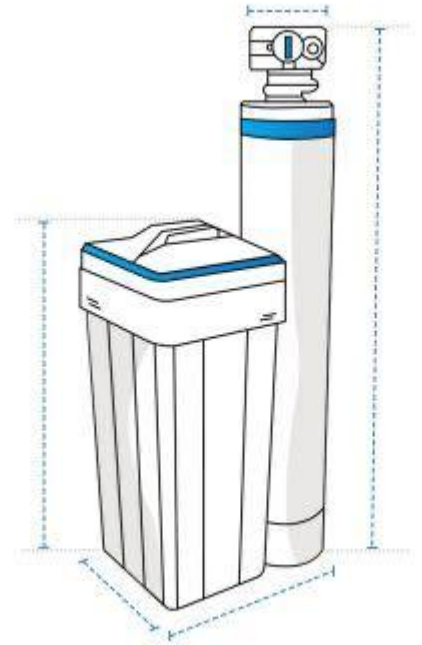
3/4", DF Mechanical Control



BNT65

### Features

- Classic mechanical control, reliable.
- With manual knob to regenerate.
- Easy to set interval days to initiate regeneration.





# UV Sterilizer

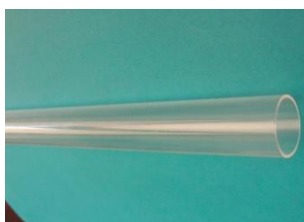


Model	Wattage	Gallons	Dim.(mm)		Water pipe	Packaging	
		GPM	L	Ø	Inch	Pcs/CTN	CTN size (cm)
SS 4W	4W	0.3	200	50.8	1/4"	26	53x34.5x49
SS 6W	6W	0.5	255	50.8	1/4"	26	53x34.5x49
SS 12W	12W	1	325	50.8	1/4"	26	53x34.5x49
SS 16W	16W	2	375	63.5	1/2"	18	46x45x47
SS 25W	25W	6	595	63.5	1/2"	12	68x32x50
SS 30W	30W	8	910	63.5	3/4"	8	108x32x32
SS 35W	35W	10	950	63.5	3/4"	8	108x32x32
SS 40W	40W	11	950	63.5	3/4"	8	108x32x32
SS 55W	55W	12	950	63.5	3/4"	8	108x32x32
SS 110W	110W excl. control box	24	950	108	1"	1	103*22.5*42
SS 110W	110W incl. control box	24	950	108	1"	1	103*22.5*42

# UV Parts



Lamp



Quartz Sleeve



Ballast

# Filters

PP



UDF

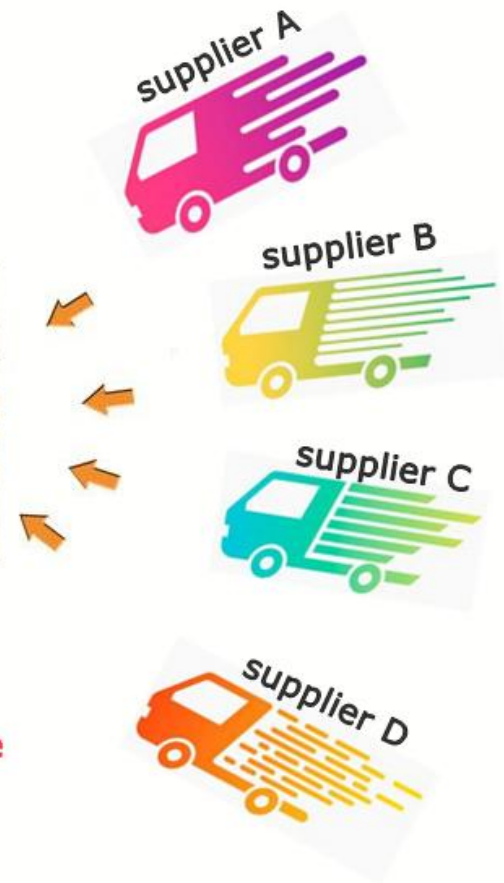


# SEMTEC ADVANTAGE

Ship together



SEMTEC  
warehousing



one 40HQ we load 70-73CBM  
1CBM can save 100~230USD shipping cost.

**Stock free**  
**Load off free**  
**Load container free**

- We have a big warehouse more than 3000CBM, which can stock many items for customers.
- Help customers to stock other suppliers' items, then load together into container.
- Our workers are professional for loading containers, they can save space and cost.
- Semtec is one-stop wholesaler, and support you all kinds of water treatment products.
- Semtec has professional R&D team, support customization RO systems.
- Your best water treatment partner, not supplier.

More information please contact: [bobo@semtecwater.com](mailto:bobo@semtecwater.com) Phone: +86-17720037163



**SEMTEC TECHNOLOGY LIMITED**