

# Water Purifier

## Floor Type

### Waters-KQCS-100D

Product Parameter	
Product specification	100L/H
Rated power	220V/450w
Water tank capacity	Built-in 100L
Pure water supply	Constant pressure water supply
Filtration method	RO reverse osmosis
Product size	650×650×1250mm



### Waters-KQCS-300D

Product Parameter	
Product specification	300L/H
Rated power	220V/1.5Kw
Water tank capacity	Built-in 250L
Pure water supply	Variable frequency water supply
Filtration method	RO reverse osmosis
Product size	750×700×1700mm



### Waters-KQCS-500D

Product Parameter	
Product specification	500L/H
Rated power	220V/1.6Kw
Water tank capacity	External 1000L water tank
Pure water supply	Built-in variable frequency water supply
Filtration method	RO reverse osmosis
Product size	1100×700×1700mm



# Water Treatment System

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\*Version: 2022.01

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# Water Softener

## Working Principle

- Automatic water softener system removes calcium, magnesium and other scaling ions from water through ion exchange principle to soften the water. The raw water is passed through sodium type cation to exchange resin, so that the hardness components  $Ca^{2+}$  and  $Mg^{2+}$  in the water are exchanged with  $Na^+$  in the resin, thus adsorbing  $Ca^{2+}$  and  $Mg^{2+}$  in the water to achieve the purpose of water softening.

## Application

- Wide purposes: It can be used for Pulse Vacuum Sterilizer, Washing equipment, Heat Exchanger, Central Air Conditioning, Cooling Cycle and other equipment water; industrial, civil, food, pharmaceutical, electronic and other industries water.

## Main Parameter

- Power supply: 220V 50Hz;
- Hardness of raw water:  $\leq 8\text{mmol/L}$ ;
- Working temperature:  $2\sim 60^{\circ}\text{C}$ ;
- Control mode: time cycle;
- Inlet water temperature:  $2\sim 38^{\circ}\text{C}$ ;
- Water consumption:  $< 2\%$  of water production;
- Water inlet pressure:  $0.2\text{Mpa}\sim 0.4\text{Mpa}$ ;
- Regeneration method: dynamic downstream (counter-current) regeneration;
- Residual hardness of effluent:  $\leq 0.03\text{mmol/L}$ ;
- Resin type: strong acidic cation exchange resin;
- Salt consumption:  $160\sim 250\text{g/mol}$  (according to the water quality);

## Features

- Fully automatic running to complete various cycles
- Stable and reliable running to ensure softening effect
- Low running cost, energy saving
- Compact structure with small footprint
- Directly connected with tap water, deep softening
- Simple and convenient to install, just connect water and power on to use it

## Model List

Model	Water output (L/H)	Tank type and quantity ( $\phi \times H \times \text{pcs}$ mm)	Salt tank size ( $\phi \times H$ mm)	Inlet and outlet water caliber	Water inlet pressure (Mpa)	Remarks
Waters-S-100	80 ~ 150	205×890×1	420×280×1150	DN20	0.25 ~ 0.5	One-piece type
Waters-S-500	500 ~ 600	255×1390×1	380×950	DN20		Split type
Waters-S-1000	1000 ~ 1200	330×1390×1	380×950	DN25		Split type

Note: Other specifications can be customized according to the actual needs of customers.



Waters-S-1000



Waters-S-100

# Water Purifier

## Tabletop Type

### XHKS-100G

Product Parameter	
Product specification	15L/H
Rated power	220V/30w
Water tank capacity	8L
Filtration method	RO reverse osmosis
Product size	210×370×390mm



### XHKS-300G

Product Parameter	
Product specification	50L/H
Rated power	220V/95w
Water tank capacity	8L
Filtration method	RO reverse osmosis
Product size	210×370×390mm

