

# 1.15000L/H water treatment system(RO)



Raw water→ Raw water tank→ Multistage centrifugal stainless pump→ Multi-medium filter →Active carbon filter→sodium-exchanger→ Micro filter→Reverse osmosis → UV sterilizer →Pure water tank →Pump

## 1. Raw water tank

Model: 8T

Volume: 8m<sup>3</sup>

Material: SUS304 stainless steel—Made in china

Thickness: 0.8mm stainless steel

Dimension:  $\phi$ 1760×2160mm

Usage: storage water

Quantity: 2sets

Eight: 300KG

## 2. Stainless steel vertical multistage centrifugal pump

Model: CDL16-80

Material: Pump body stainless steel SUS304

Flow: 12m<sup>3</sup>/H

Flow length: 34m

Power: 1.25KW

Place of origin: Hanzhou Nanfang Special Pump Industry Co, ,Ltd.

Dimension:  $\Phi$ 750×350mm

EIGHT: 50kg



## 3. Sand filter (Multi medium filter)



Model: JDL-15

Height: 2200mm

Diameter: 600mm

Material: SUS304 stainless steel (Food grade)—Made in china.

Components: Water distributor, water gather, pressure gauge, filter material, valves and so on.

Filter medium: Sand

Specification:  $\phi 2\text{mm}$ 、 $\phi 1\text{mm}$ 、 $\phi 0.5\text{mm}$ 、 $\phi 0.2\text{mm}$

The bigger shall be put downside and the smaller shall be put upside.

Usage: It is mainly used to remove Plankton, Moss, Suspension, Colloid and so on.

Filtering volume:  $15\text{m}^3/\text{h}$

Quantity: 1 set

Origin of medium: Lianyungang Jiangsu China

The filter is equipped with back wash system and user shall connect the pump with each filter and open relative valves to back wash.

EIGHT: 500kg

#### 4.Active carbon filter

Model: CHT-15

Height: 2200mm

Diameter: 600mm

Material: SUS304 stainless steel (Food grade) with mirror surface—Made in china.

Components: Water distributor, water gather, pressure gauge, filter material, valves and so on.

Medium: Shuck shape active carbon

Usage: It is mainly used to remove strange smell, chlorine, chloride, organic mater and heavy mental, lower color and optimize water quality.

Treating volume:  $15\text{m}^3/\text{h}$

Quantity: 1 set

Origin of medium: Jiangsu Yixing Active Carbon Factory

The filter is equipped with back wash system and user shall connect the pump with each filter and open relative valves to back wash.

EIGHT: 500kg

#### 5.Sodium-ion exchanger

Model: SNJ-15

Height: 2200mm

Diameter: 600mm

Material: SUS304 stainless steel (Food grade)—Made in china.

Components: Water distributor, water gather, pressure gauge, filter material, strong acid exchanging resin, solution measurement, valves and so on.

Medium: Strong acid exchanging resin

Usage: It is mainly used to remove the calcium and magnesium ion.

Treating volume:  $15\text{m}^3/\text{h}$

Quantity: 1 set

Origin of medium: Shanghai Dongfeng Resin product Co, .Ltd.

The filter is equipped with back wash system and user shall connect the pump with each filter and open relative valves to back wash.

EIGHT:500kg

#### 6.Micro filter

Model: JML-6

Height: 1250mm

Diameter: 380mm

Material: SUS304 stainless steel (Food grade )—Made in china

Medium: Polypropylene film 12 pieces

Filter precision:  $5\mu\text{m}$

Usage: It is mainly used to remove the tiny impurity.

Treating volume:  $12\text{m}^3/\text{h}$



Quantity: 1 set

Origin of film: Hangzhou Marine Life Research Institute

Open the filter to remove the impurity.

EIGHT: 200kg

### 7.RO device



1,Model: FSJ-15 (1<sup>st</sup> grade)

2,Usage: This device is used to remove the germs, the harmful inorganic ion, and organic ion; remove heavy metals and salt; rearrange water structure. It is the ideal equipment to make high standard pure drink water.

3,Main design data: First grade RO $\geq$  15m<sup>3</sup>/H (25 $^{\circ}$ C)

Second grade RO $\geq$ 10m<sup>3</sup>/H (25 $^{\circ}$ C)

Recycle rate: 65-70%

4,Component:

Item	Component
1	American HYDRANAUTCS company's ESPAI high technology80'x40' compound film 4PCS
2	Stainless steel high pressure film shell
3	Reverse osmosis high pressure pump two sets-NAN FANG pump First grade: capacity 6 m <sup>3</sup> /H pressure: 150-180PSI First grade: capacity 4 m <sup>3</sup> /H pressure: 150-180PSI
4	All kinds of capacity indicator, pressure indicator, electricity magnetic valve, balance device and pipe valve system
5	Online type pressure auto self-protection device
6	Online type electricity indicator (with stable compensation)
7	PLC control system- JAPANESE MITSUBISHI
8	System safe protecting and alarm system
9	System frame
10	Working process demonstrator

1、 Power: 3.2kw

6. Dimension: 3200x900x1800mm

7. EIGHT: 1600kg

## 8.UV ray sterilizer

Model: ZM-2000

Material: SUS304 stainless steel—Made in china

Dimension: 580×650×720mm

Electrical appliance: SIEMENS

Lamp number: 2 pieces

Power: 0.5Kw

Lamp origin: Shangdong Jinan Special light factory

Usage: It is mainly used to kill germs

EIGHT: 300kg



## 9.Pump

9.1Model: ZXB30

9.2Materil: 304stainless steel

9.3Capacity: 3T/H

9.4Power: 0.75KW

9.5Qty: 1 pcs

9.6 EIGHT: 30kg

## 10.Pure water tank

10.1Model: CG-5000

10.2Volume: 5m<sup>3</sup>

10.3Material: 304stainless steel

10.4Dimension: Φ1720×2160mm

10.5Usage: Store and transfer

10.6Qty: 1pcs

10.7 EIGHT: 300kg



## 2.CGF40-40-10 Washing,Filling,Capping 3-in-1 Machine



### Description:

- 1.This Machine can be used in production of non-soda drink of pure water , mineral water,fruit juice and fruit wine.
- 2.The gravity fixed liquid surface filling is fast.
- 3.The magnetic torque is used for screw capping.
- 4.The Machine by PLC automatic control, the production capacity can be displayed digitally and can be adjusted conveniently.

### Main Technical Specifications

Model	CGF40-40-10
Production Capacity (500ml)(b/h)	18000-20000
Way of filling	micro-negative pressure filling
Filling precision	±5mm
Feedback consumption	≤8%
Polyester bottle standard(mm)	Bottle Diameter f55-f110;Height:186-320
Suitable cap shape	Plastic cap
Water pressure of washing bottle(Mpa)	0.2-0.25
Water consumption for water bottle(kg/h)	2500
Gas source pressure (MPa)	0.7
Total power(Kw)	5.5
Total Weight(Kg)	8500
Dimension (L*W*Hmm)	4300*2930*2970

### 3. Dryer for water blowing



**Description:**

Blowing the bottles dryer for easy to label.

## 4.Sleeve Shrink Labeling Machine



### Description:

- 1.This machine Single Contraction Label Feeding Tray :Automatically controlled by micro-computer.Automatic detection
- 2.This machine adopts PLC, positioning module, servo motor and frequency converter. Besides ,its touch screen is featured with a humanized operation.
- 3.Applicable Bottle Types: Various kinds of bottle types ,for example: round bottle, square bottle ,flat bottle, covered bottle and cup-shaped, etc.

### Main Technical Specifications:

Model	PM-350
Input Power	1.5kw
Input Voltage	380/220VAC
Production Efficiency	350B/Min
Size of Host Machine	2100L×850W×2000H
Applicable Diameter of Bottle body	28mm~120mm
Applicable Length of Label	30mm~250mm
Applicable Thickness of label	0.03mm~0.13mm

## 5. Automatic Date Printing Machine

### Description:

1. This machine could be made and printed on various flat surface materials such as paper, carton, plastic film, aluminum bags and non-adhesive agent label



2. This machine introduces the technology of photoelectric integration, automatic temperature adjustment, paper prest and adjustable printed character.

Main Technical Specifications:	
Working speed(t/s)	<1200
Printing area(mm <sup>2</sup> )	<2050
Height(mm)	Height(mm)
Machine dimensions	520*350*430

## 6. Automatic heat shrink packaging machine



### Description:

Combination packaging of products such as mineral water ,soft drinks, beer, liquor, injection bottles. The packaging doesn't need bottom support and the packaged products are fastened and beautiful.

### Main Technical Specifications:

Name:	Automatic shrink packaging machine without tray
Dimension mm:	L11700×W1600×H2500
Maximum packaging size mm:	L600×W400×H350
Size of shrink channel mm:	L3700×W920×H1800
Packaging speed	25-30 bags/min
Height of conveyor belt:	920(adjust 200)
Operating power	380V/220V 50Hz three-phase five-line
Operating pressure	0.6-0.8Mpa