



**SOUL**  
**water**

WATER TREATMENT & ENVIRONMENTAL TECHNOLOGY



**LET'S**  
**PURE**  
**YOUR LIFE**

We cover different water  
purification solutions

**Soul 7 stages / 7 UV filter**

Components of the filter :

- 1- PPC Cartridge.
- 2- GAC Cartridge.
- 3- CBC Cartridge.
- 4- Reverse Osmosis Membrane.
- 5- Post Carbon Cartridge.
- 6- Calcite Cartridge.
- 7- Infrared Cartridge.
- 7- UV Lamp.



using reverse osmosis technology, to give you a pure water, free of :

- Sand, silt, rust & impurities.
- Heavy metals.
- Non-organic Salts.



- Taste & odor.
- Chlorine.
- Fertilizers.



- Pesticides & VOCs.
- Organic gases.
- Total dissolved salts.



- Non-dissolved Colors.
- Germs & bacteria.

**Soul Water 3 stages :**

Components of the filter :

- 1 - PPC Cartridge.
- 2- GAC Cartridge.
- 3- CBC Cartridge.

**Soul Water 5 stages / 5 UV filter :**

Components of the filter :

- 1 - PPC Cartridge.
- 2- GAC Cartridge.
- 3- CBC Cartridge.
- 4- Post Carbon Cartridge.
- 5- Calcite Cartridge.
- 5- UV Lamp.



# VESSELS



Vessels

Media

Distributor

Head Controls



## STERILIZATION SYSTEMS

### CFZY-150 ozone generator

Generating capacity : 150g/h  
 Gas source : oxygen  
 Power : 2000W  
 Net weight : 225kg  
 size : 650 1020 1360

## AVAILABLE ( GAZ & AIR ) IN SEVERAL SIZES

- Skf-3A ozone generator
- cfzy-6 ozone generator
- cfzy-12 ozone generator
- cfzy-24 ozone generator
- cfzy-100 ozone generator
- cfzy-225 ozone generator
- cfzy-36 ozone generator
- cfzy-50 ozone generator





**RO water Plant**



**Cabin Softener**



**RO Unit 400 Gpd**



**RO Unit 20 m<sup>3</sup>**



**Filter 20" three stage  
with ultraviolet**



**Water Filter Assembly**



**Filter 20" three stage**



**Filter 20" Two stage**



**HOUSING**

- Features:**
- High Quality
  - Double O-ring
  - Hand built and Factory tested
  - Manufacturing at Soul water Factory

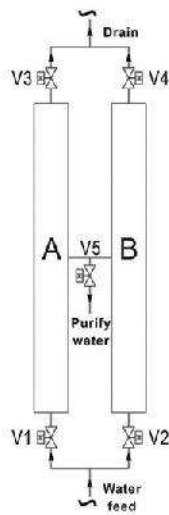
**Medium Housing**  
Ideal for shop & company applications



# UF PURIFYING EXPERT

## SWUF-5024S/P SYSTEM

ULTRAFILTRATION CENTRAL WATER PURIFICATION SYSTEM  
FOR BIG HOUSES



The central water purification system is composed of inside-out hollow fiber ultra-filtration (UF) membrane module and motorized valve.

The feed water is from city water. The UF membrane eliminates the colloids (turbidity), microbes and particulate matter. The permeate water can drink directly. The pore size is 0.01 $\mu$ m.

The system is operated by city water pressure. Two membranes modules auto-backwash each other once a day. The washing time is 90 seconds for one cycle.

### BACKWASHING PROCESS (90s)



When UF membrane is under operation, the drain outlet is closed (the motorized valve is closed). Colloid, microbes and particles are deposited on the surface of the inner surface of the membrane. The process of back wash is that the two membranes backwash each other. It means the permeate water from module A penetrates into the outer surface of the membrane module B and washes away the impurities on the inner surface. And vice versa. The flush flow washes away the impurities through drain outlet by shear force of the current to restore the permeate water flux.

The product can be placed under sink and also put on the wall like water heater. Within the life cycle, the purification system does not need to change cartridge and is free from maintenance.

### BASIC PARAMETER INFORMATION

PRODUCT NAME	Soul Water UF central purification system for big houses
PRODUCT MODEL	SWUF-5024S/P
PRODUCT DIMENSION	300 X 250 X 1290 (mm)
POWER LINE LENGTH	1.5m
MEMBRANE AREA	7.6 m <sup>2</sup>
PERMEATE FLOWRATE	2T/h (0.3MPa, 25°C)
OPERATING PRESSURE	0.1~0.6MPa
APPLICATION ENVIRONMENT	TAP WATER
RATED VOLTAGE	100~240V~
RATED FREQUENCY	50/60Hz
RATED POWER	3W
NET WEIGHT	22kg
Inlet and Outlet Point Diameter	G"3/4 Internal thread

### Working principle

	V1	V2	V3	V4	V5
Normal operation	✓	✓	✗	✗	✓
Flushing A	✓	✗	✓	✗	✗
Flushing B	✗	✓	✗	✓	✗
Backwash A	✗	✓	✓	✗	✗
Backwash B	✓	✗	✗	✓	✗

Note: ✓=Open ✗=Close

# Water filtration starts from the beginning raw water



RL-Q02A



RL-Q01A

50μm



RL-Q01AS  
Manual type

Model	Rated flow rate	Filtration precision	Filter core	Inlet water pressure	Product size (mm)	Transformer	Installation way
RL-Q01A	1.5 m <sup>3</sup> /h	50μm	Disk	0.1~0.6MPa	190*244*298	DC12V/1.5A	Upside down
RL-Q01AS	1.5 m <sup>3</sup> /h	50μm	Disk	0.1~0.6MPa	200*244*279	None (Manual type)	Upside down
RL-Q02A	2.5 m <sup>3</sup> /h	50μm	Disk	0.1~0.6MPa	249*302*358	DC12V/1.5A	Upside down