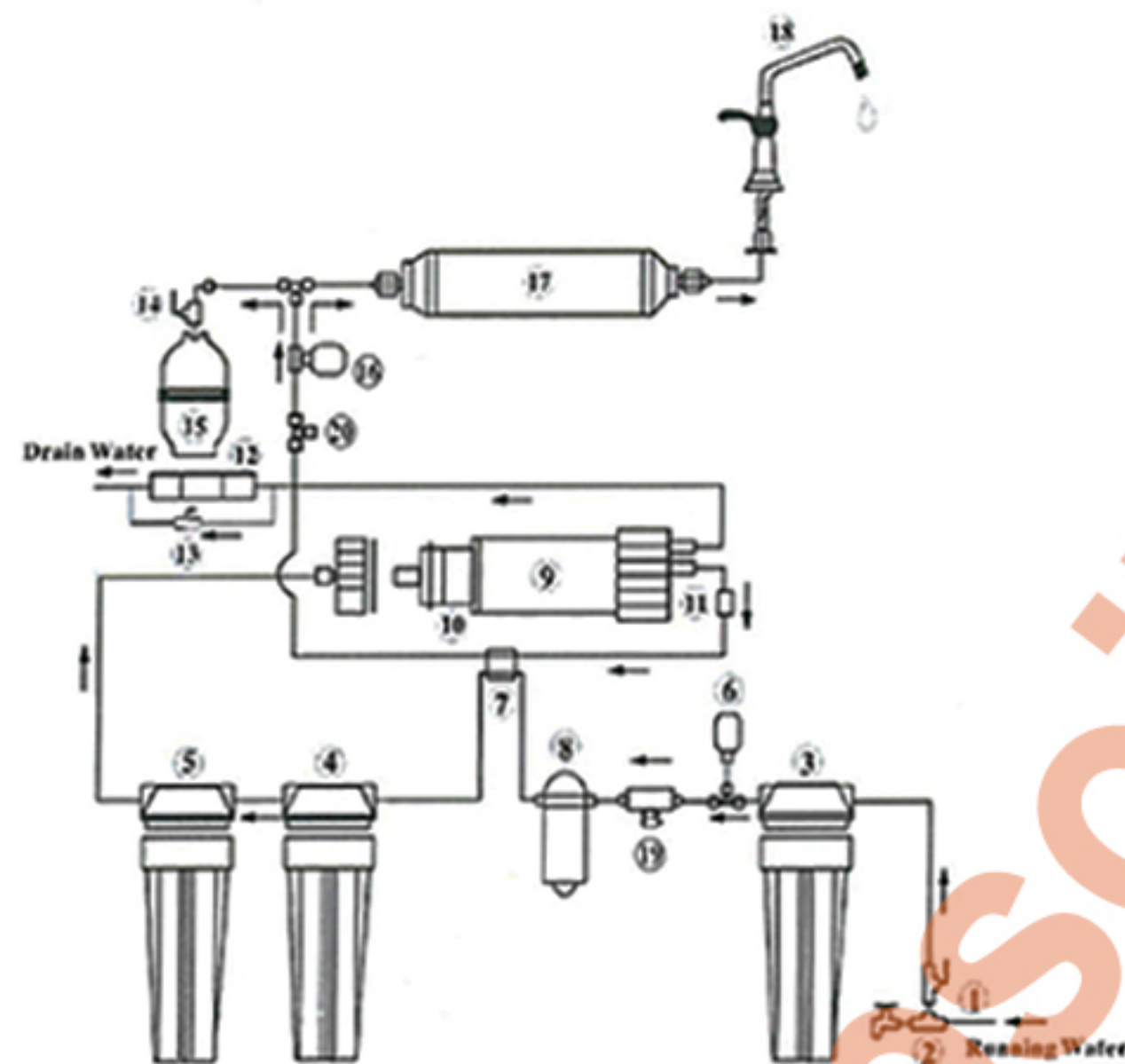


General Introduction of Reverse Osmosis Water System

Structure and Diagram of RO System



1. Feed Water Valve
2. Tee Fitting
3. PP Spun Filter
4. Granular Carbon Filter
5. Block Carbon Filter
6. Low Pressure Switch
7. Auto Shut Off Valve (for option)
8. Booster Pump
9. Membrane Housing
10. RO Membrane
11. Check Valve
12. Drain Restrictor
13. By-pass flush Valve (for option)
14. Ball Valve
15. Pressure Tank
16. High Pressure Switch
17. Inline Carbon Filter
18. Faucet
19. Inlet Solenoid Valve (for option)
20. TDS Detector (for option)

The Function of RO System Core Parts (Standard: Five Stages Filtration)

First Stage (PP Sediment Filter): To remove sand, silt, dirt and rust particles in water.

Second Stage (Granular Activated Carbon Filter): To adsorb the chlorine, organic matter, odor, smell turbidity.

Third Stage (Block Activated Carbon Filter): To adsorb the chlorine, organic matter, odor, smell turbidity, and suspending particles.

Fourth Stage (RO Membrane): It is made of the semi-permeable membrane with the 0.0001 micron filtration precision for separating and removing the bacteria, heavy metal, salt, bad mineral substance and other dissolved matter and chemical drug in the running water.

Fifth Stage (Post Inline Carbon Filter): To adsorb the odor, and adjust the taste.

OPTION: Sixth Stage

(Mineralized ball or Aluminite): To improve the quality of RO water by the far infrared radiation and releasing essential mineral substance.

(Ultraviolet Sterilizer): It utilizes germicidal ultraviolet light to quickly and reliably disable bacteria, viruses and other micro-organisms present in water.

(Magnetizing Filter): The RO water passes through the magnetic field, breaking the original polymer macromolecules so that they become many single active small molecules, the alkaline alkalinescent small molecules water is healthful for human body.

Residential R.O. System



Standard 5-Stage RO System with Pump RO-50G/75G/100G-A01

Features:

- Flush type: Manual Flush
- RO Water Output: 50GPD/75GPD/100GPD
- Housing: 122-10Y-W Single "O" Ring Housing
- Fittings type: JACO
- Diaphragm Booster Pump with Adaptor 110V/ 220V, 50/60Hz
- Faucet: GF01 (As seen in the picture)
You can also choose in page 30
- **RO Membrane: Hidrotek or Filmtec**
- **Pressure Tank: 3.2G Steel Tank or 3.0G Plastic Tank**

Unit Packing Dimension: 44x36x58cm



Standard Neutral Colour Box
is Available without Extra Cost



6-Stage RO System with UV RO-50G/75G/100G-A03

Features:

- **6th Stage: Ultraviolet water sterilizer**
- Flush type: Manual Flush
- RO Water Output: 50GPD/75GPD/100GPD
- Housing: 122-10Y-W Single "O" Ring Housing
- Fittings type: JACO
- Diaphragm Booster Pump with Adaptor 110V/ 220V, 50/60Hz
- Faucet: GF01 (As seen in the picture)
You can also choose in page 30
- **RO Membrane: Hidrotek or Filmtec**
- **Pressure Tank: 3.2G Steel Tank or 3.0G Plastic Tank**

Unit Packing Dimension: 42x35x58cm



6-Stage RO System with Medicinal Stone RO-50G/75G/100G-A02

Features:

- **6th Stage: Medicinal Stone**
- Flush type: Manual Flush
- RO Water Output: 50GPD/75GPD/100GPD
- Housing: 122-10Y-W Single "O" Ring Housing
- Fittings type: JACO
- Diaphragm Booster Pump with Adaptor 110V/ 220V, 50/60Hz
- Faucet: GF01 (As seen in the picture)
You can also choose in page 30
- **RO Membrane: Hidrotek or Filmtec**
- **Pressure Tank: 3.2G Steel Tank or 3.0G Plastic Tank**

Unit Packing Dimension: 42x35x58cm

Residential R.O. System



Quick Fitting 5-Stage RO System with Pump RO-50G/75G/100G-K01

Features:

- Flush type: Manual Flush
- RO Water Output: 50GPD/75GPD/100GPD
- Housing: 122-10Y-W Single "O" Ring Housing
- Fittings type: Push-in Quick Fittings
- Diaphragm Booster Pump with Adaptor 110V/220V, 50/60Hz
- Faucet: GF02G (As seen in the picture)
You can also choose in page 30
- RO Membrane: Hidrotek or Filmtec
- Pressure Tank: 3.2G Steel Tank or 3.0G Plastic Tank

Unit Packing Dimension: 44x36x58cm

Double "O" Ring Housing 5-Stage RO System with Pump RO-50G/75G/100G-U01

Features:

- Flush type: Auto Flush Solenoid Valve with Flow-Limit Valve
- Housing: 128-10W Double "O" Ring Housing
- RO Water Output: 50GPD/75GPD/100GPD
- Fittings type: JACO
- Diaphragm Booster Pump with Adaptor 110V/220V, 50/60Hz
- Faucet: GF02G (As seen in the picture) You can also choose in page 30
- RO Membrane: Hidrotek or Filmtec
- Pressure Tank: 3.2G Steel Tank or 3.0G Plastic Tank

Unit Packing Dimension: 44x36x58cm



TDS Display IC Controller RO System with Pump RO-50G/75G/100G-C01

Features:

- Flush type: Microcomputer controlling Auto-Flush with TDS Display indicates the quality of product water
- RO Water Output: 50GPD/75GPD/100GPD
- Housing: 122-10Y-W Single "O" Ring Housing
- Fittings type: JACO
- Diaphragm Booster Pump with Adaptor 110V/220V, 50/60Hz
- Faucet: GF01 (As seen in the picture)
You can also choose in page 30
- RO Membrane: Hidrotek or Filmtec
- Pressure Tank: 3.2G Steel Tank or 3.0G Plastic Tank

Unit Packing Dimension: 44x36x58cm



TDS Display IC Controller RO System with Cover RO-50G/75G/100G-C01C

Features:

- With Dustproof Cover
- Flush type: Microcomputer controlling Auto-Flush with TDS Display indicates the quality of product water
- RO Water Output: 50GPD/75GPD/100GPD
- Housing: 122-10Y-W Single "O" Ring Housing
- Fittings type: JACO
- Diaphragm Booster Pump with Adaptor 110V/220V, 50/60Hz
- Faucet: GF01 (As seen in the picture)
You can also choose in page 30
- RO Membrane: Hidrotek or Filmtec
- Pressure Tank: 3.2G Steel Tank or 3.0G Plastic Tank

Unit Packing Dimension: 44x36x58cm