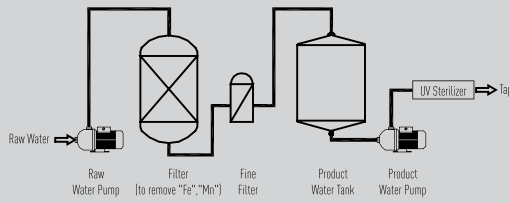
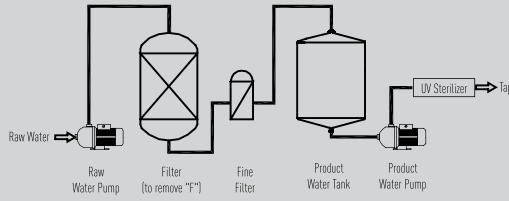


1.5 Treatment Processes (Different water with different processes)

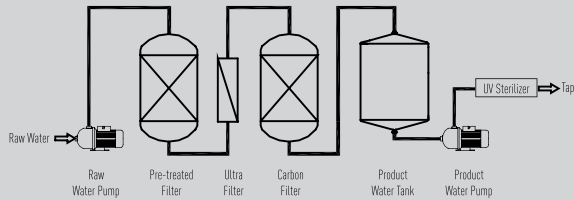
- Metal over standard water (Fe, Mn)



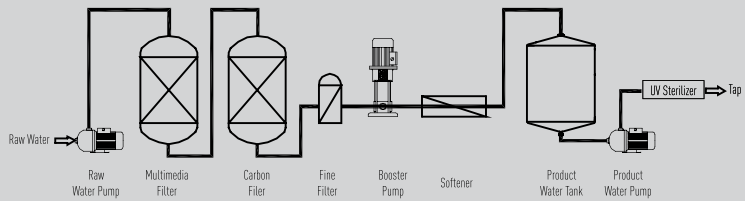
- Metal over standard water (F)



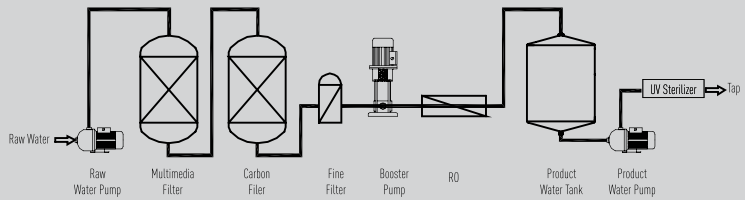
- High turbidity water



- High hardness water



- Purified water



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Intellectualized Integrated Water Treatment System





Water is the elementary composition of all living beings, whose unique features become the source of life; meanwhile, it is the life line of domestic economy. As the population growth and economy development, the demand for water quantity and quality is higher and higher; however, the pollution degree is much heavier, the polluted area become larger and larger. It seriously affects our health, such as the heavy metal, pesticide, waste water from chemical plants. The main way to solve these is to do water treatment. The purpose of water treatment is to improve the water quality, that is to remove the hazardous substances in the water by technology, after treatment, the water will meet the drinking water requirements.

This system is applicable for the area using ground water and underground water as raw water. The treated water will meet *GB5479-2006 Standards for Drinking Water Quality*, *CJ94-2005 Water Quality Standards for Fine Drinking Water* or *Drinking Water Standards from WHO* through filtration technology, adsorption technology, separation technology, and sterilization technology. For special water quality, such as sea water, or subsea water, the treatment process will be designed basing on actual water analysis report.

NOTE Ground Water: is the water present beneath Earth's surface in soil pore spaces and in the fractures of rock formations, it is the general description for river water, glacier water, lake water, swamp water;

Underground Water: is the water under the ground.

1.1 Features:

- Design for simple and quick installation, small footprint, high flexibility;
- Customized treatment process;
- Air source free, auto running with electrical control;
- Equipped with flushing function, less manual operation;
- Raw water pipe can be soft pipe or steel pipe, it is flexible for different water sources;
- Constant pressure water supply with inverter to reduce energy consumption;
- All piping and fittings apply SS304 and all the welding is double sides with smooth welding lines, so as to prevent water quality pollution in piping system;
- Reminding for different parts change, such as ultra-filtration components, filtration core etc. All the connections apply clamp-on, which is easy to install;
- Product water standards are customized basing on different standards, such as *GB5479-2006 Standards for Drinking Water Quality*, *CJ94-2005 Water Quality Standards for Fine Drinking Water* or *Drinking Water Standards from WHO*.



1.2 Applicable Location

- Residential area, office building, plant, school direct drinking water treatment system;
- Suburbs or rural area drinking water treatment system;
- House, farm drinking water treatment system
- Villa drinking water treatment system
- Heavy metal(Fe, Mn, F) over standard ground or underground water mini drinking water treatment system
- Heavy water area drinking water treatment system

1.3 Product Features

- Product capacity: 500L ~ 3000L
- Power consumption: 1kw ~ 2.5kw
- Water usage rate: 65% ~ 90%
- Product water standards are customized basing on different standards, such as GB5479-2006 Standards for Drinking Water Quality, CJ94-2005 Water Quality Standards for Fine Drinking Water or Drinking Water Standards from WHO.

1.4 Specificaiton

Specification	Productivity	Power	Dimension
DARO-500L	500L/H	1.5kw	2000*1200*2000
DARO-1000L	1000L/H	2.46kw	2200*1600*2000
DARO-1500L	1500L/H	3kw	2200*2000*2000
DARO-2000L	2000L/H	3.26kw	2500*2200*2000
DARO-2500L	2500L/H	3.75kw	2500*2200*2000
DARO-3000L	3000L/H	6kw	3000*2500*2000

Note: Power and dimension are for reference.

