

3 STAGE FILTRATION OR 4 STAGE REVERSE OSMOSIS FILTRATION TECHNOLOGY

Stage 1 – 5 Micron Sediment Filter

The first stage is a 5 micron Sediment filter that helps improve Sediment such as sand, rust and silt that is present in most municipal water sources.

Stage 2 – 1 Micron Granulated Activated Carbon Filter

The second stage of filtration is a 2 micron, granulated activated Carbon filter. This filter uses an advanced Carbon technology that has been certified by the NSF to remove hundreds of cancer-causing constituents such as pesticides, insecticides, petrochemicals, M.T.B.E's, PCB's, defoliants, and benzene.

Stage 3 – 0.5 Micron Carbon Block Filter

The 3rd stage is a 0.5 micron Carbon block filter, which gives the water a "polish". It removes 99% of lead and microbial cysts such as giardia and cryptosporidium. It also ensures that all chlorine has been removed, and that the water entering the holding tanks is completely odorless.

Stage 4 – Reverse Osmosis Technology

The 4th and final stage utilizes Reverse Osmosis technology, which removes any molecular compounds smaller in size than water molecules. Such compounds include salt, manganese, iron, fluoride, lead, and calcium.

UV Filter Set is exclusive to Bluline™, designed to assist in water purification and remove unwanted micro-organisms.

How does UV work?

UV disinfection is a technology that breaks the DNA chain, stopping the bacteria from reproducing and effectively killing it. UV does not influence taste, color or odor and does not add chemicals to the water. Disinfection using UV light is quick and clean and no bacteria, viruses or mold is immune to the destructive power of UV.

Specifications

Voltage: 115V, 230V

Ballast: 4W / 6W Maximum

Flow: 1 GPM

Maximum pressure: 125 psi

Life: 9,000 hours

Equipped with an alarm system designed to beep continually when the light bulb needs to be replaced.

The Nano Filter utilizes silver and activated carbon, which creates a bacteriostatic agent to stop bacteria from growing and controls microbial growth through the oligodynamic effect. The main functions of the filter are eliminating harmful chemicals, bad smell, and parts of metals/pesticides from the water.

Specifications

Maximum flow: .75GPM

Maximum pressure: 125PSI

Maximum temperature: 100 oF

Life: About 2,000 ~ 2,500GAL