

Mr. WATER
PROFESSIONAL WATER TREATMENT™
Hagerstown, MD 21740

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Patent Pending Water Softener and Sulfur (Hydrogen Sulfide) Removal System

Licensed, Insured and Bonded



Ultraviolet Lights

Disinfection by the Ultraviolet Light (UV) Process is a practical means of effectively destroying potentially harmful bacteria and viruses in a water supply. Consisting of a least one 254nm bulb, quartz sleeve, reaction chamber, ballast, and in some systems an intensity monitor and normally closed solenoid valve. The UV process does not change the taste, ph value, or filter the water. Because of this, the water must be as free as possible from iron, manganese, hardness, turbidity, and sulfur compounds that could shield the germs from the radiation generated by the bulb or make a coating on the protective quartz sleeve. The unit also needs to be properly sized to meet the demand. The bulb(s) need to be replaced at least annually - most are not rated for more than 9,000 hours of continuous use. The vast majority of water supplies will need pretreatment of some sort before a UV Light can be properly installed.



12 gpm Ultraviolet Light



12 gpm Ultraviolet Light and Filter



Ultraviolet Light with intensity monitor and normally closed solenoid valve



Ultraviolet Light with intensity monitor and normally closed solenoid valve and filter