



## UV SERIES ULTRAVIOLET SYSTEMS

**Effective against disease-causing microbes**

**High-intensity UV output**

**Positive alternative to environmentally harmful chemicals**

**Available in three different sizes and two different voltages**

The UV-110, UV-120 and UVBB are effective at eliminating disease-causing microbes from potable drinking water sources. This positive alternative to environmentally harmful chemicals uses high doses of ultraviolet light to disinfect against disease causing pathogenic microbes.

A high dose of ultraviolet light, 16,000 microwatts per square centimeter, at a wavelength of 254 nanometers, destroys the pathogenic microbes by disabling their reproductive process. Without the ability to reproduce, the microbe is harmless and considered dead.

All UV Series systems are constructed with a durable polypropylene housing, quartz

sleeve to protect the lamp, a voltage regulated control module, mounting bracket and hardware.

UV-120 and UVBB models are equipped with a stainless steel insert sleeve, and UV-110 systems are equipped with a CBU-10 carbon block cartridge providing additional protection against *Cryptosporidium* and *Giardia* cysts.

UV Series ultraviolet systems are available in three sizes in 120 volt, 60 hertz and 220/240 volt, 50 hertz. Systems available to accommodate flow rates from 2-15 gpm (7.6 - 57 lpm).



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