Purex Series

UV & Filtration Water Treatment Systems

A point-of-use UV water treatment system with both disinfection and filtration.

- Sediment Pre-filtration
- Activated Carbon Block Filter
- UV System
- No chemical residue
- 10" Filter Housings
- UV Lamp Life Indicator
- UV Operation Indicator Lamp
- Metal Frame to install on the wall

This modular system can be used both undercounter or Wall-mounted and is ideal for any application requiring a high flow rate in a compact space. Graded density sediment pre-filtration removes dirt and other particles from your water. Sediment Pre-Filter ensures the water is clear enough for effective UV disinfection.

Premium quality activated block carbon filter removes chlorine and unpleasant odors for fresher tasting water.

By means of ultraviolet light emitted by the UV lamp, the ultraviolet system dissolves the cell structure of microorganisms in water, such as bacteria, viruses, fungi and neutralizes them.

Ultraviolet is an effective disinfection method, which eliminates pathogenic and pyrogenic bacteria, viruses, fungi and other microorganisms in water at a rate of 99.999% without any use of chemicals and additive agents.

* *AMS-5-20-BB has FDA compliant materials*
Certain components are NSF compliant

SPECIFICATIONS
PUREX

System Flow Rate	3gpm (0.68 m³/h)
Inlet Size	3/4"
Sediment Pre-Filter	5µ
Block Carbon Filter	10µ
UV System Power	14 W
Power	230V AC 50 Hz
Max. Operating Pressure	5 bar
Product Dimensions (without UV ballast)	340 x 430 x 160 mm
Package Dimensions	510 x 510 x 190 mm
Package Contents	UV Lamp Quartz Sleeve Filter Housing Wrench Installation kit with screws and seals

UV Sensitivity of selected microorganisms

ORGANISM	TYPE	DISEASE	Mic W sec / cm²
Streptococcus	Bacteria	Strepthroat	3.800
Dysentry Bacilli	Bacteria	Diarrhea	4.200
Staphylococcus	Bacteria	Boils	6.600
Fecal Coliform	Bacteria	Diarrhea	6.600
Salmonella	Bacteria	Food Poisoning	10.000
Bacteriophage (E.Coli)	Virus	Boils	6.600

UV Lamp

Data subject to change
ME/PUREX