



Unit	Capacity (gpm)	Chamber Dimension	Bulb Length	Quartz Sleeve	Max. Working Pressure (psi)	Inlet/Outlet Fittings
PM-8	8	4" x 16.5"	18"	20.5"	100	3/4" NPT
PM-10	10	4" x 17.5"	20"	23.2"	100	3/4" NPT
PM-12	12	4" x 30"	32"	35"	100	3/4" NPT
PM-15	15	4" x 30"	32"	35"	100	3/4" NPT
PM-20	20	4" x 30"	32"	35"	100	1" NPT

Benefits

Compact Design
Low Operating Costs
Low Maintenance
No Chlorine or Chemicals

Options

Audible Alarm
Solenoid Shut Off Valve
UV Intensity Monitor

Standard Features

304 Stainless Steel
High Intensity UV Lamp (UL Listed)
Stainless Steel Mounting Brackets
Lamp Dosage 39,000 uws/cm²
Standard Rated Flow Control
LED Indicates Lamp Status
Lamp Life - 9,000 hours
Powder-Coated Fittings
Meets I.W.A. Standards
Electro-Polished Chamber



How does Ultraviolet Disinfection work?

Ultraviolet energy (UV) in the 200-300 nanometer (nm) range is extremely effective in killing micro-organisms such as bacteria, viruses and molds. Low-pressure, mercury arc germicidal lamps are specially designed to produce high amounts of UV energy, typically about 90%, at approximately 254nm. This energy is very close to the peak of the Germicidal Effectiveness Curve of 265 nm, the most lethal wavelength to micro-organisms (see graph below). Germicidal lamps are used extensively in air and water purification throughout the food and beverage industry. Additionally, this technology is utilized in drinking water treatment, ultrapure water purification and sewage treatment.

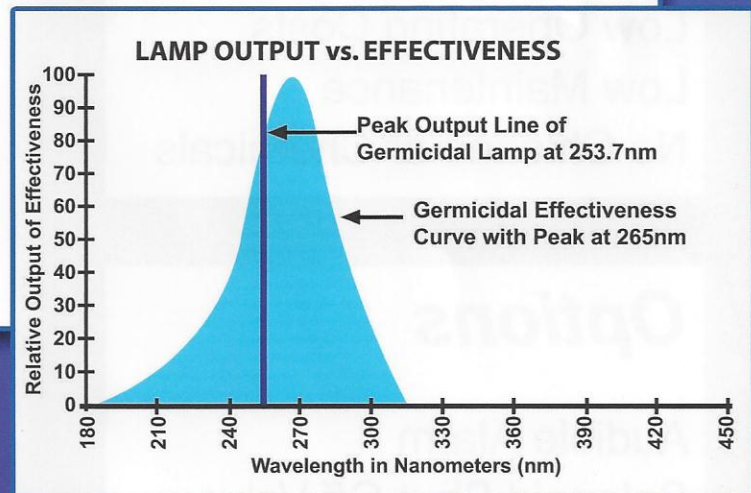
Limited Warranty

All parts of the disinfection unit, with the exception of the UV lamp and quartz sleeve, are guaranteed for one (1) year against defective parts and workmanship. The stainless steel disinfection chamber on the unit is guaranteed for five (5) years. Any component which fails to operate satisfactorily within their time period will be replaced free of charge under the following conditions:

NOTIFY DEALER OF ANY PARTS SUSPECTED OF BEING DEFECTIVE.

It is the responsibility of the dealer / customer to reinstall any components which require replacement.

Sellers liability is limited to the repair or replacement of any component found to be defective, and in no case shall we be held liable for labor or damage, either immediate or subsequent, arising out of the use of this equipment.



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