



AQUABEST®

ProB

ULTRAVIOLET DISINFECTION SYSTEM



Advantages: Effective Economical Safe

Fast & Easy Automatic

Chemical Free

Applications: Drinking Water Food

Processing Medical Industries

Ultraviolet(UV-C rays /253.7 nm) water disinfection system is a unique and rapid method of water disinfection without the use of heat or chemicals to effectively destroys bacteria, virus, mold & algae. Ultraviolet(UV) light treatment is a widely recognized and proven method of disinfection of water and has several advantages over other disinfection methods such as chlornation, ozonation, etc. UV light does not add anything to the water, the form of ultraviolet radiation. Also, UV disinfection requires only a fraction of the contact times required by other disinfection methods. It is fast, efficient, effective, economical and environmentally-friendly.

MODEL#	PB-25	PB-50	PB-75	PB-100	PB-125	PB-150
Flow Rate	25gpm (5.7m³/Hr.)	50gpm (11m³/Hr.)	75gpm (17m³/Hr.)	100gpm (23m³/Hr.)	125gpm (28m³/Hr.)	150gpm (34m³/Hr.)
Inlet/Outlet Port	1" MNPT	1-1/2" MNPT	2" Flange	3" Flange	3" Flange	3" Flange
Dimension ^(cm) _(inch)	91×18×26 (35.8"×7"×10.3")	91×25×37 (35.8"×10"×14.6")	91×25×40 (35.8"×10"×15.7")	91×32×41 (35.8"×12.6"×15.7")		
Lamp part#/Watts	THO36LS, 87W					
Quartz Sleeve Part#	QS890					
Ballasts Controller	#ABE80087					
Numbers of lamp, Quartz Sleeve& Ballasts	1	2	3	4	5	6

† Flow Rate Stated at 30mj/cm² based on 95% UVT EOL (End of Lamp Life)

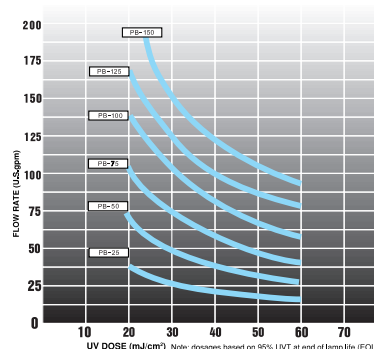
Control:

Audible Alarm
 Lamp Operation Indicators
 Ballast Description(Optional):110V. or 250V. 50/60Hz
 Hours Running Meter:Non-Resettable,log up to 99999 Hours
 Power Switch"ON-OFF"
 Ultraviolet Intensity Monitor(Optional)
 Sanitary Fittings(Optional)
 CE Certification

Operating Parameters:

- † Max.Operating Pressure:125psi(8.62bar)
- † Ambient Water Temperature:2-40°C(36-104°F)
- † Iron:<0.3ppm(0.3mg/L)
- † Turbidity:<1NTU
- † UV Transmittance:>75%

- † 4-log(99.99%)Reduction in Bacteria,Viruses and Protozoan Cysts
- † UV Lamp Rated Life 10000 Hours
- † Electro-Polished 304SS Reactor Chamber(316SS Available on Request)

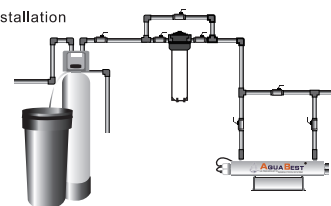


Lamp Made In USA



Worldwide Patent Number: 7,604,505

Typical Installation



Warranty  ultraviolet disinfection systems carry a TWO year warranty on the stainless steel reactor chamber, a one year warranty on UV lamp, quartz sleeve and other components.