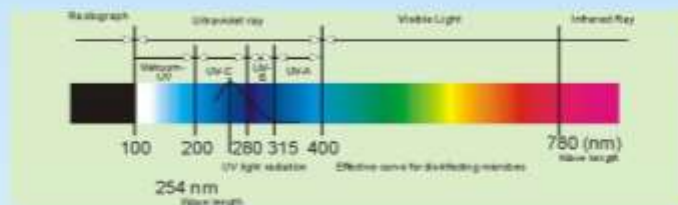


UVC-LIGHTING

What is Ultraviolet ? :

We all know sun light can be used in sterilizing, actually what functioned is Ultraviolet ray only. Ultraviolet was found about 200 years ago and through years of survey and experiment, science has proved its effect in killing the virus and bacteria. Ultraviolet is divided by A,B,C waves and 240~260nm out of C wave is the most effective ray with sterilizing ability and the strongest point is 253.7nm. The light wave is able to kill the DNA of virus and bacteria and make it unable to reproduce

Electromagnetic Wave drawing



Ultraviolet-ray sterilizing is one of the cleanest, most non-pollution, non-chemical, without any color and odor and leaves no residue, the most natural way to kill virus and bacteria. This technique is often : applied for the following

1. Household water supplies
2. Aquarium / Aquaculture
3. Laboratories
4. Medical and pharmaceutical industry
5. Food processing
6. Restaurants
7. Hospitals
8. Pollution abatement
9. Central water supply systems
10. Well water treatment
11. Water tower water treatment
12. Water supply stations
13. Bottled water treatment
14. Electronic industrial use water purifying treatment

Features of Ultraviolet Water Sterilizer :

1. Use high quality hard quartz material lamp and sleeve to keep high output of 253.7nm
2. Quick and simple installation.
3. Long service life save your money.
4. Visual LED display indicator plus audible alarm for lamp failure.
5. Polished stainless steel reactor chamber strong the UV reflection
6. Most natural way to protect your water safely.
7. Easy lamp replacement and maintenance.
8. Application wide can be used in many water treatment areas.
9. Without adding any chemical complexes nor change the taste of odor of the water and does not remove any beneficial minerals in the water.
10. Able to kill 99.9% destruction of bacteria and virus under standard water quality and flow.
11. Destroy bacteria and inactive various viruses.

Ultraviolet penetration rate in liquid :

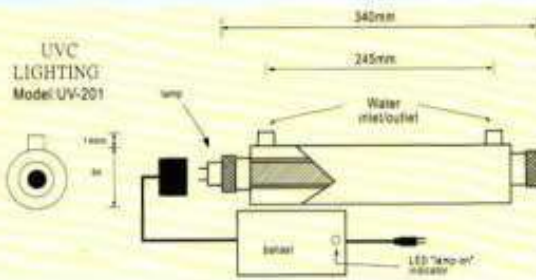
Distilled or Reverse Osmosis water	: 3.0M
Normal drinking water	: 12.0CM
Wine, Juice	: 2.5MM
Milk, Syrup, Blood	: 0.5MM



Model : UV-201

Specification

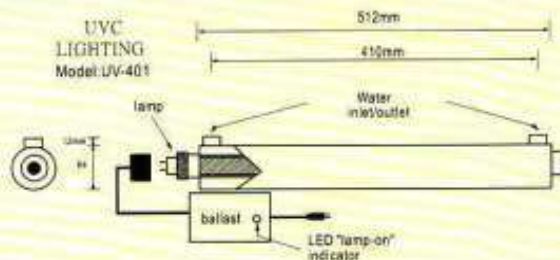
1. For clean water : 1.5GPM/6LPM
For DI or RO water : 2.0GPM/8LPM
2. UV germicidal lamp: 14W x 1
(Model: UVC-D-287T5)
3. Ballast: Electronic 14W x 1
4. Dimension: \varnothing 64mm x 340mm
5. Voltage: 100V~120V, 220V~240V, 50/60Hz
6. Inlet/Outlet size: 1/4" FNPT
7. Max. working pressure: 125PSI
8. Chamber/Housing: Stainless Steel 304
9. Quartz Sleeve: SQ230330 x 1
10. Lamp failure warning system: LED + Alarm(option)
11. Lamp average life: 9,000 hours



Model : UV-401

Specification

1. For clean water : 4.0GPM/16LPM
For DI or RO water : 5.0GPM/20LPM
2. UV germicidal lamp: 24W x 1
(Model: UVC-D450T5)
3. Ballast: Electronic 24W x 1 (RoHS compliance)
4. Dimension: \varnothing 64mm x 512mm
5. Voltage: 100V~120V, 220V~240V, 50/60Hz
6. Inlet/Outlet size: 1/2" PT
7. Max. working pressure: 125PSI
8. Chamber/Housing: Stainless Steel 304
9. Quartz Sleeve: SQ230500 x 1
10. Lamp failure warning system: LED + Alarm
11. Lamp average life: 9,000 hours

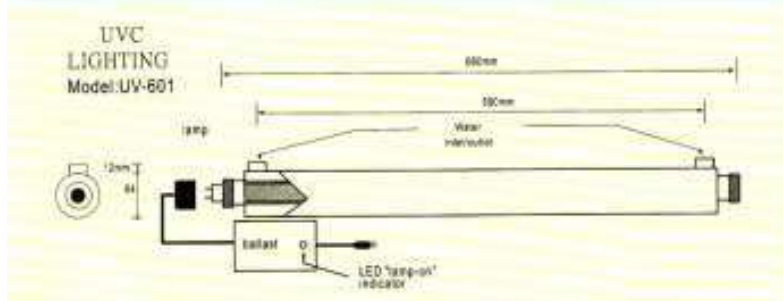




Model : UV-601

Specification

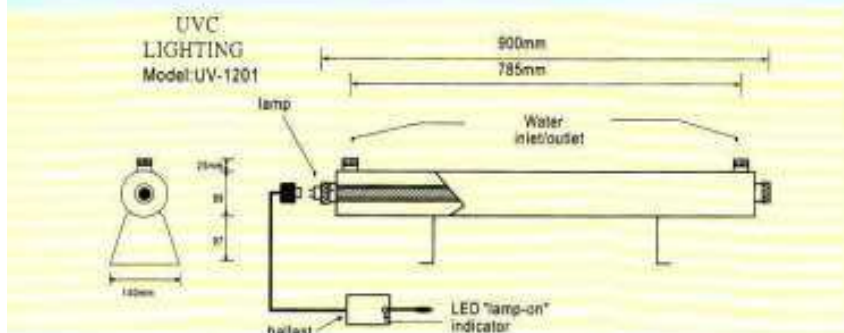
1. For clean water : 6.0GPM/24LPM
For DI or RO water : 7.0GPM/28LPM
2. UV germicidal lamp: 32W x 1
(Model:UVC-D645T5)
3. Ballast: Electronic 32W x 1 (RoHS compliance)
4. Dimension:∅64mm x 680mm
5. Voltage: 100V~120V, 220V~240V, 50/60HZ
6. Inlet/Outlet size: 1/2" PT
7. Max. working pressure: 125PSI
8. Chamber/Housing: Stainless Steel 304
9. Quartz Sleeve: SQ230670 x 1
10. Lamp failure warning system: LED + Alarm
11. Lamp average life: 9,000 hours



Model : UV-1201

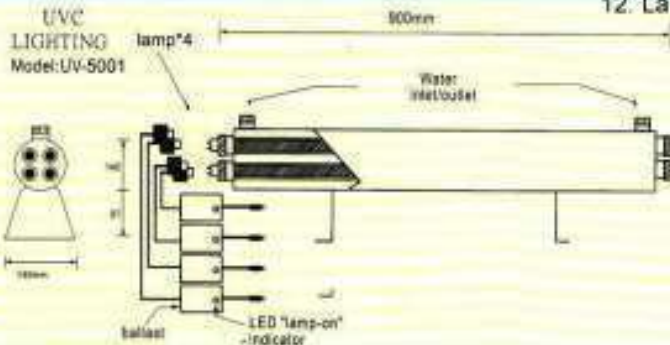
Specification

1. For clean water : 12GPM/48LPM
For DI or RO water : 14GPM/56LPM
2. UV germicidal lamp: 39W x 1
(Model: UVC-D842T5)
3. Ballast: Electronic 39W x 1 (RoHS compliance)
4. Dimension:∅ 89mm x 900mm
5. Voltage: 100V~120V, 220V~240V, 50/60HZ
6. Inlet/Outlet size: 3/4" PT
7. Max. working pressure: 125PSI
8. Chamber/Housing: Stainless Steel 304 or 316 (option)
9. Quartz Sleeve: SQ230895 x 1
10. Lamp failure warning system: LED + Alarm
11. Lamp average life : 9,000 hours



**Model: UV-5001 C****Specification**

1. For Clean Water :42GPM/168LPM
For DI or RO Water :50GPM/200LPM
2. UV Germicidal Lamp:39W x 4
(Model:UVC-D842T5)
3. Ballast Electronic 39W x 4 (RoHs Compliance)
4. Dimension: 140mm x 900mm
5. Voltage:100V~120V, 220V~240V, 50/60HZ
6. Inlet/Outlet Size:1-1/2"PT
7. Max Working Pressure:125PSI
8. Chamber/Housing:Stainless Steel 304 or 316 (Option)
9. Quartz Sleeve:SQ230895 x 4
10. Controller:Timing + LED Indicator
11. Lamp Failure Warning System:LED + Alarm
12. Lamp Average Life:9,000 Hours

**Features:**

- . High quality quartz lamp and sleeve keep high output of UV emit.
- . Quick and simple installation
- . Long service life saves your money.
- . Polished stainless steel reactor chambers strong the UV reflection.
- . Visual LED display indicator for lamp failure
- . The most natural way to protects your water safely
- . Easy lamp replacement and maintenance
- . Wide application, able to be used in various water treatment areas
- . Neither add any chemical complexes nor change the taste and odor of the water, it will not remove any beneficial minerals in the wate.

It is able to kill 99.9% destruction of bacteria and virus under the standard water quality and flow.