



ULTRA PURE

ULTRA VIOLET WATER PURIFIER

Ultra Violet Products [Aust.] Pty. Ltd. presents its range of ULTRA PURE Ultra-violet Water Disinfection Units [Water Purifiers]. All ULTRA PURE models comply with the German, Austrian and NSF55 Class A Water Disinfection Standards.

Flow rates are based on providing safe disinfected drinking water at 85% UV transmission at a wavelength of 254nm and having a total UV dosage of 40 mJ/cm² at the end of lamp life.

ULTRA PURE uses latest technology and state of art AMALGAM High Output Ultra-violet lamps.

Water enters the purifier and flows through the chamber where it is exposed to germicidal Ultra-violet instantly killing harmful micro organisms. Water leaving the unit is ready for use. ULTRA PURE is instant in its operation.

ULTRA PURE kills *cryptosporidium* and *giardia* which are both unaffected by chlorine.

Germicidal Ultra-violet has been installed to treat New York City Municipal drinking water, which has a flow rate of 8.3 billion litres per day, specifically for this purpose.

- **CHEMICAL FREE DISINFECTION**
- **NO TASTE CHANGE**
- **NO COLOR CHANGE**
- **NO HEAT USED**
- **INSTANT DISINFECTION**
- **NO CHLORINE TASTE**
- **NO CORROSION PROBLEMS**
- **AUTOMATIC**
- **ECONOMICAL**
- **KILLS CRYPTOSPORIDIUM & GIARDIA**

WARRANTY

Lamps are guaranteed for 12 months (pro-rata)
ULTRA PURE units are guaranteed for 2 years.

ULTRA PURE FEATURES

316 Stainless Steel polished.
Max Operating pressure 100psi.
Easy to replace lamp and sleeve.



GET RID OF CHEMICALS WITH THE ASSOCIATED HANDLING PROBLEMS, TASTE AND ODOUR PROBLEMS AND CHEMICAL REACTION PROBLEMS.

ULTRA PURE ULTRA VIOLET DISINFECTION.....NOTHING IS ADDED TO THE WATER!!

ULTRA PURE

ULTRA VIOLET WATER PURIFIER

FAST, EFFECTIVE, READY FOR USE! | LOW RUNNING COSTS
SIMPLE INSTALLATION & LOW COST SIMPLE MAINTENANCE
NO DANGER OF OVERDOSING | LARGE RANGE TO HANDLE ALL FLOW RATES

UV APPLICATIONS:

- PUBLIC DRINKING WATER
- RAINWATER SUPPLIES
- AQUACULTURE
- WARM WATER LINES
- AGRICULTURE
- COOLING TOWERS
- PHARMACEUTICAL MANUFACTURING
- HYDROTHERAPY POOLS
- BEVERAGE INDUSTRIES- BEER, SOFT DRINKS, WINE
- NURSING HOMES & HOSPITALS
- BOTTLED WATER
- SWIMMING POOLS
- FOOD PREPARATION, FRESH AND PROCESSED
- SPA POOLS
- DAIRY INDUSTRY
- SHIPS, YACHTS, BOATS
- AQUARIUMS
- SECONDARY EFFLUENT

....IN FACT ANY APPLICATION WHERE DISINFECTION OF WATER IS REQUIRED!

MODEL	LPH#	LAMP TYPE	IN/OUT	LEN*	DIAM*	POWERBOX*
UP 2.7	2700	G36T15N	19mm/¾"	980	63	↑ 400 long 350 high 250 wide ↓
UP 4.2	4200	G36T15N/A90/SE4P	25mm/1"	980	76	
UP 8.0	8000	G48T19N/A90/SE4P	25mm/1"	1200	89	
UP 15	15000	G48T28N/A90/SE4P	25mm/1"	1200	102	
UP 22	22000	G60T32N/A90/SE4P	38mm/1.5"	1550	115	
UP 2/15	~30000	2 x G48T28N/A90/SE4P	38mm/1.5"	1200	89	EACH MODULE HAS ITS OWN POWER BOX
UP 2/22	~44000	2 x G60T32N/A90/SE4P	38mm/1.5"	1550	115	
UP 3/22	~66000	3 x G60T32N/A90/SE4P	38mm/1.5"	1550	115	
UP 4/22	~88000	4 x G60T32N/A90/SE4P	38mm/1.5"	1550	115	
UP 5/22	~110000	5 x G60T32N/A90/SE4P	38mm/1.5"	1550	115	
UP 6/22	~132000	6 x G60T32N/A90/SE4P	38mm/1.5"	1550	115	

*Dimensions of Length, Diameter, Height & Width are in mm (millimetres)

^ Supplied as single modules with individual Power Box.
 Customer's cost to plumb and manifold in parallel.
 #Flow rate is based on a UVT of 85%.
 [Ultra-violet Transmission]

ALL UNITS HAVE A TOTAL DOSAGE AT THE END OF LAMP LIFE OF 40mJ/cm² COMPLYING WITH THE GERMAN, AUSTRIAN AND NSF 55 CLASS A WATER DISINFECTION STANDARDS.

STANDARD FITMENT, ALL MODELS:
 ON/OFF SWITCH, AUDIBLE & RED LIGHT LAMP OUT,
 GREEN RUN LIGHT, HOURMETER (NOT ON UP 2.7),
 3 CORE FLEX & PLUG.

FREE U.V.T. TEST: SEND US A 100ML SAMPLE OF THE WATER TO BE TREATED AND WE WILL CONDUCT A FREE TEST TO ESTABLISH THE UVT.

There is No Fixed Flow rate for a UV Water Disinfection Unit, as it is solely based on the Customer's requirements, as per the following:-

A) Percentage UV Transmittance at 254 nm using 1cm Fused Quartz Cells.

B) Flow Rate in L/sec, L/Hr, or m³/sec, (or per hour)

C) The Micro-organism(s) that the client requires to be controlled.

D) The Percentage Kill Rate required for the particular application.

E) The total UV Dosage in uWsec/cm² or mJ/cm².

To give an indication, the Flow Rate is based on providing Safe Disinfecting Water at >85% UV transmittance at the wavelength of 254nm, and having a Total UV Dosage of 40mJ/cm² at end of lamp life. (To comply with the Austrian, German and the USA NSF 55 Class A UV Water Disinfection Standards).