MPX-Series ™

Commercial

Performance-optimised medium pressure UV treatment for commercial applications.

UV Guard's MPX-Series offers compact, high-performance medium pressure UV systems for flows up to 1000m3/hr.

Variable power polychromatic UV lamp drivers deliver market-leading efficiency with smooth automatic dimming for 'Optimised' and customised 'User Profile' power modes. The MPX-Series is ideal for commercial swimming pools, water features, industrial process water, wastewater and potable water applications.
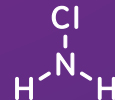
Applications

Agriculture & Horticulture

Aquatics

Chlorine & Chloramine Destruction

Drinking Water

Food & Beverage

Industrial & Manufacturing

Medical & Pharmaceutical

Mining

Ozone Destruction

Stormwater

TOC — Total Organic Carbon Reduction

Warm Water & Legionella

Wastewater

Key Features

- **Polychromatic UV Lamp technology** delivers market-leading disinfection and breakdown of oxidants, Chloramines, Chlorine, TOC and Ozone
- **Intelligent 'Optimised' mode** allows smooth automatic variable power of the UV Lamp according to changes in water quality
- **Large 7" HMI touchscreen** and time stamped error log provides easy operation and system monitoring
- **Advanced energy efficiency** with electronic UV lamp drivers for stepless variable power (14%-100%)
- **Compact footprint** allows simple installation into existing plant rooms or new plant rooms in horizontal or vertical configurations
- **Convenient maintenance** with UV Lamps and Quartz Sleeves easily accessible.

Intelligent variable power system

Large 7" HMI touchscreen and time stamped error log provides easy operation and system monitoring

Australian manufactured controller – an array of customisable features available

UV lamp safety interlock system – prevents unintentional exposure of UV light

Low head loss and compact UV reactor design

Quartz sleeves sealed at one end for easy maintenance

> 66 I recently purchased a MPX20 ultra violet unit for a water play feature in Victoria. UV Guards assistance in making sure that we had the right unit for the project was second to none and gave us the confidence to purchase this unit. UV Guards Technical support was excellent and made it easy to install and operate the unit.
>
> **Peter Naughton,**
> Managing Director,
> International Fountains.

Models & Specifications

Model	Disinfection Capacity	Chloramine Reduction Capacity	Inlet/Outlet
MPX20	30 m³/hr	20 m³/hr	2", 3" PN16 Flange
MPX35	53 m³/hr	35 m³/hr	3", 4" PN16 Flange
MPX50	72 m³/hr	48 m³/hr	4", 5" PN16 Flange
MPX70	108 m³/hr	72 m³/hr	4", 5" PN16 Flange
MPX90	134 m³/hr	89 m³/hr	5", 6" PN16 Flange
MPX100	149 m³/hr	100 m³/hr	5", 6" PN16 Flange
MPX120	179 m³/hr	119 m³/hr	6", 8" PN16 Flange
MPX190	284 m³/hr	190 m³/hr	8" PN16 Flange
MPX250	374 m³/hr	249 m³/hr	8", 10" PN16 Flange
MPX310	463 m3/hr	308 m³/hr	10" PN16 Flange
MPX390	589 m³/hr	393 m³/hr	10" PN16 Flange
MPX650	981 m³/hr	654 m³/hr	12" PN16 Flange
MPX820	1228 m³/hr	819 m³/hr	12" PN16 Flange

WaterMark

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