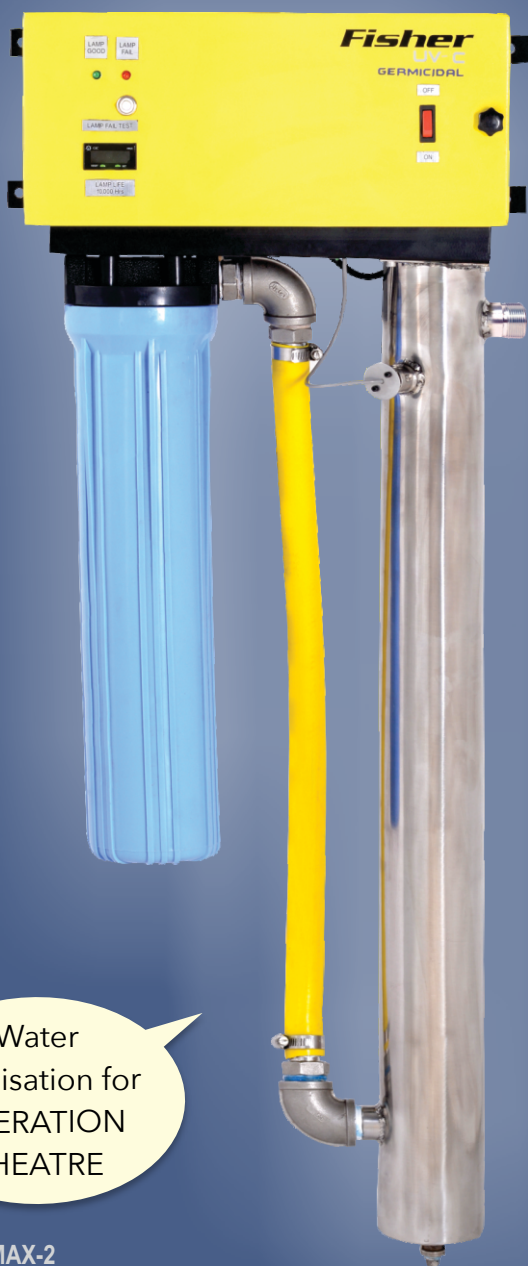


# Water Disinfection with UVC filter

Heavy duty design for hospitals and commercial applications

**Fisher**®



MAX-2

**Kills 99.9%**  
micro organisms

**Easy**  
wall mount

**UV Chamber**  
durable SS304

**Microprocessor**  
lamp life display

**Lamp**  
failure alert

**Quartz**  
lamp envelope

Fisher UVC disinfection units are designed to ensure absolute safety and the most efficient water disinfection for hospitals and commercial applications using state of the art micro controller technology. High quality UVC lamps, quartz lamp envelope and SS 304 lamp chamber yields long service life and easy maintenance.

The user friendly HMI (Human Machine Interface) is through the LED digital display.

The germicidal UVC radiation at 253.7nm destroys micro organisms such as bacteria, viruses and pathogens without the addition of chemical agents, costing no more than lighting a common bulb. UVC treatment does not change the smell or taste of water.

Swimming pool cleaning with UVC reduces 50% of chlorine use which avoids skin, eye allergies and chlorine distaste!

## Special Features

- Microprocessor controller
- Digital display HMI
- Wall mount models free up floor space
- Micron filter enhances efficiency
- 9000 hours UV lamp life
- Quartz envelope transmits maximum UVC rays
- Alarms for Lamp failure, dust and end of bulb life
- Lamp life count down display
- Optional solenoid valve to stop flow if lamp fails

## Application

- Hospital operation theater
- Dialysis centre
- Beverage production
- Brewery
- Swimming pool
- Fish pond
- Ice machine
- Restaurant
- Vegetable wash
- Municipal water supply

## Materials

|                  |                  |
|------------------|------------------|
| UV chamber       | SS304            |
| UV lamp envelope | Quartz           |
| Controller       | Micro controller |
| Micron Filter    | Wound            |

## Operating conditions

|                    |       |
|--------------------|-------|
| Water              | Clear |
| Max Temperature    | 40 °C |
| Max water pressure | 3 bar |

| Model         | NSF/ EPA<br>40 mJ/cm <sup>2</sup> | US Public Health<br>16 mJ/cm <sup>2</sup> | UV Lamp<br>Watt | Pipe size<br>inch |
|---------------|-----------------------------------|---|-----------------|-------------------|
|               | Flow rate                         | Litre/ Hour                               |                 |                   |
| <b>MAX-1</b>  | 1000                              | 2500                                      | 25W             | 1 x 1             |
| <b>MAX-2</b>  | 2000                              | 5000                                      | 40W             | 1 x 1             |
| <b>MAX-4</b>  | 4000                              | 10000                                     | 80W             | 1 x 1             |
| <b>MAX-5</b>  | 5000                              | 12500                                     | 80W x2          | 1 x 1             |
| <b>MAX-7</b>  | 7500                              | 19000                                     | 80W x3          | 1 ½ x 1 ½         |
| <b>MAX-10</b> | 10000                             | 25500                                     | 80W x4          | 1 ½ x 1 ½         |
| <b>MAX-12</b> | 12500                             | 31500                                     | 80W x5          | 1 ½ x 1 ½         |

*Sharp* since 1967