



# 3MUV-8

## Ultraviolet Water Disinfection System

Spec No.

Quantity

### Applications

Whole house disinfection

### Product Benefits

- Applicable to point of entry applications in today's larger homes and cottages.
- 40 mj/cm<sup>2</sup> dose at 8 gpm is equivalent to a 30 mj/cm<sup>2</sup> dose at 10 gpm
- Compact mounting footprint
- Designed using sophisticated computer modeling software

### Product Specifications

Model Type	3MUV-8
Flow Rate @ 40 mj/cm <sup>2</sup>	30 L/min (8 gpm) (~1.80 m <sup>3</sup> /Hr)
Industry Standard @ 30 mj/cm <sup>2</sup>	37 L/min (10 gpm) (~2.2 m <sup>3</sup> /Hr)
Dimensions (L x W x H)	48 x 10 x 15 cm (18 x 4 x 6")
Cell Diameter	8.9 cm (3.5")
Shipping Weight	5.5 kg (12 lbs)
AC Supply Voltage	120 V 47-63 Hz
Power	40 Watts
Lamp	35 Watts
Lamp Life	9000 hrs
Maximum Pressure	6.9 bar (100 psi)
Water Temperature	4 ° - 37 °C (40 ° - 99 °F)
Maximum Ambient Temperature	50 °C (122 °F)
Quartz Sleeve	Yes
Inlet / Outlet Port Size	0.75" MNPT
Visual "Power - ON"	Yes
Audible Lamp Failure	Yes
Isolated Solenoid Output	Yes
UV Monitor	Option
Lamp Change Reminder Timer	Yes
Chamber Material	304 S.S.



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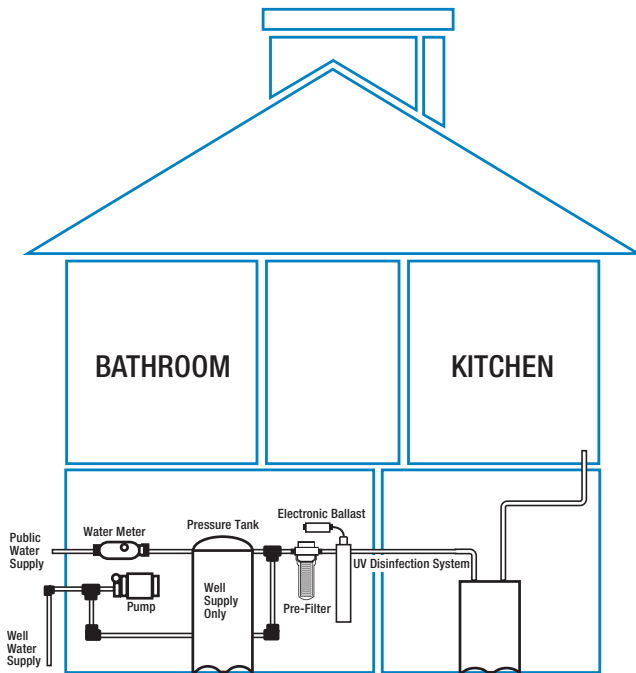
Model No.

Part No.

## Physical Specifications

- 3/4" MNPT inlet and outlet ports
- System is a single vessel design
- System is manufactured from FDA CFR-21 compliant materials
- System has a maximum operating pressure of 6.9 bar (100 psi) and operating temperature of 50 °C (122 °F)
- System to be installed on cold water line

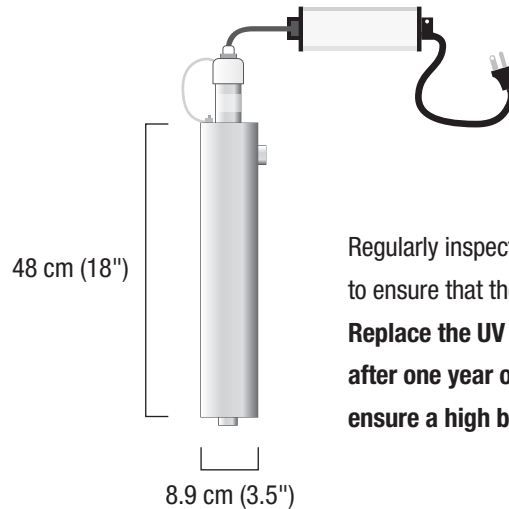
## Easy Installation



**Note:** DIAGRAM SHOWN IS FOR REFERENCE PURPOSES ONLY. READ INSTALLATION AND OPERATION MANUAL PRIOR TO INSTALLING THE UNIT.

## Replacement Parts

Part No.	Description
UVB-1	UV Bulb Replacement
UVQS-1	Quartz Sleeve Replacement
UVBLST-1	UV Power Source Replacement
UVORINGS	O-ring Replacement Set



Regularly inspect your disinfection system to ensure that the UV lamp is operating. **Replace the UV lamp with a new lamp after one year of continuous use to ensure a high bacteria and virus kill rate.**

## Manufacturer's Warranty

3M™ Water Disinfection Systems are supported with a 'free from defects' Workmanship and Material warranty as follows:

- Seven year pro-rated warranty on the stainless steel disinfection chamber.
- One year warranty on UV lamps, sleeves, sensor and UV power source.
- A five year pro-rated warranty on all other components.
- Warranty commences from date of purchase. Proof of purchase required.

3M will repair or replace, at its option, any defective parts covered by the warranty. Shipping and handling are not included in this warranty. They will be collected from you by your dealer. Replacement parts provided under warranty will be sent to your 3M dealer. Parts repaired or replaced under the pro-rated warranty will be covered under warranty to the end of the original warranty period.