



# SOUTHERN IRRIGATION

Intelligent Water Solutions

## Ultra Violet (UV) Disinfection

**UV** Dynamics



### APPLICATIONS:

- Kills bacteria and viruses in water

### FEATURES:

- Preassembled with sediment filter for easy installation
- Stainless steel interconnect plumbing
- Passivated and polished 304 stainless steel reactor
- 9000hr long life coated UV lamp
- Microprocessor controlled UV power source with audible and visible lamp failure alarms
- Annual lamp change timer
- Lamp life remaining feature
- 3/4" MNPT fittings
- Domed quartz sleeve to simplify servicing
- No Tools required for regular servicing
- Easy-service lamp connector

		MR245	MR400(E)
UV Dosage	Minimum (16mj/cm2)	15 gpm	25 gpm
	Standard (30mj/cm2)	8 gpm	13 gpm
	NSF (40mj/cm2)	6 gpm	10 gpm
Chamber Length		14.5"	22"
Cell Diameter		4"	3.5"
AC Supply Voltage		120V or 240V	120V or 240V
Power (watts)		31 watts	44 watts
Lamp Watts		28 watts	40 watts
Max. Pressure		100 psi	100 psi
Water Temperature		4° - 37°C	4° - 37°C
Max. Ambient Temperature		40°C	40°C
Visual "Lamp On" Indicator		Yes	Yes
Isolated Solenoid Output		No	Yes

Height	5" (13cm)
Width	15" (38cm)
Depth	7" (18cm)
Inlet Port	3/4" FNPT
Outlet Port	3/4" MNPT

We strongly recommend you have your raw water professionally tested for dissolved mineral content, turbidity, and microbiological activity.  
Your UV disinfection system requires clean, clear water for optimum performance.

**CHILLIWACK** 44160 Yale Road West, Chilliwack, BC V2R 3Z9  
**LETHBRIDGE** 511 - 41<sup>st</sup> Street North, Lethbridge, AB T1H 7B6

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**1.877.663.2615**

[southerndrip.com](http://southerndrip.com)



## RELATED PRODUCTS



### Filter Housings

Houses filter cartridges which remove sediment from water.



### Filter Cartridges

Replacement cartridges for filter housings. Cartridges are rated in microns, or the degree of filtration. Available as a sediment filter, or with carbon to eliminate unpleasant taste and odors.



### Low Capacity Reverse Osmosis (RO)

Ultra-filtration that passes water through a membrane to remove dissolved solids from water. The low capacity RO unit is typically used to treat one faucet.



### High Capacity Reverse Osmosis (RO)

Upto 1600 GPD of water can be processed by this unit. Typically used to treat a whole home or business.



### Water Conditioners

Can be used with salt to soften water, or manganite green sand to reduce levels of iron, hydrogen sulphide and manganese.



Contact one of our water treatment specialists to tailor a system according to your specific needs.