

WEDECO



UV System

DLR-Series

**Ultraviolet Disinfection
System for Residential and
Commercial Applications**

DEALER BROCHURE



WEDECO



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A UV System for Everyone

WEDECO manufactures a complete line of point of entry (POE) ultraviolet disinfection systems for residential and commercial applications. WEDECO DLR Series ultraviolet systems have been designed with the customer in mind, merging the highest quality construction with innovative features for maximum customer satisfaction.

The DLR Series is available in three different configurations, with different models to meet every price point and flow requirement. The economical Model A comes complete with LED power and lamp out indicators, in addition to an audible alarm. For a small premium, AP models offer the benefits of a microcomputer controller, providing automatic customer notification when it's time to replace the lamp, and a push button for system reset. In addition to all this, the top of the line M model features a highly accurate, UV specific (254 nm) lamp output intensity monitor and status indication to meet the most stringent NSF Standard-55 Class A requirements for ultraviolet systems.

Why Carry WEDECO UV Systems?

WEDECO is the largest UV disinfection equipment manufacturer worldwide, with facilities in over 17 countries.

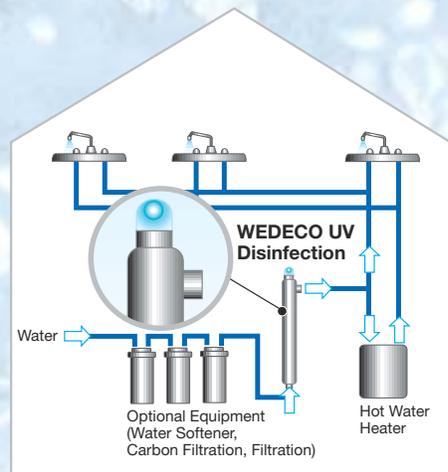
There are a total of thirteen models to choose from across five flow ranges in "economy", "mid-range", and "premium" configurations.

High Quality Construction Boosts Your Company Image

Be associated with the highest quality products, at competitive prices. A point of entry UV system is really a home appliance, with an installed price in the same range as other home appliances. By selling the highest quality brand on the market, you strengthen your image as a purveyor of quality home water treatment products.

High Quality UV Specific Lamp Output Monitor to Ensure Proper UV Dosing Under All Conditions with Premium Model M Unit

For states that require NSF Standard-55 Class A certification, or just for homeowners who want the top of the line in performance and safety, Model M units feature a highly accurate, UV specific (at the critical 254 nm wavelength) lamp output monitor. This device continuously monitors the ultraviolet intensity reaching the disinfection chamber wall (the furthest point from the UV lamp). As a result, it automatically reacts to changes in UV intensity within the unit, which may be caused by normal lamp aging, abnormal quartz sleeve fouling or water quality changes. This provides a second level of protection for the homeowner. Not only is the homeowner sure that the unit is operating effectively, they are also sure that it is always delivering the right dose for protection.



Typical WEDECO UV Installation

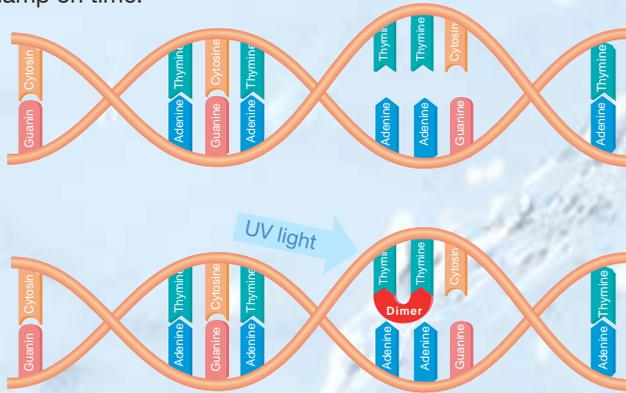
World's Leading UV Disinfection Company

Glo-Cap™ and Saf-T-Cap™ Lamp Connection System

Our combination Glo-Cap™ and Saf-T-Cap™ lamp connection system is both stylish and safe. The Glo-Cap™ provides an attractive blue glow (blue light only – no UV escapes the unit) in a darkened room or at night, providing assurance to the homeowner that their UV system is working to protect their family from microorganisms. Additionally, the Saf-T-Cap™ lamp connection mechanism provides convenient access for lamp replacement (a simple twist unlocks the cap), while automatically disconnecting the lamp upon cap removal. This feature prevents homeowners (and their children) from ever removing an operating UV lamp from the disinfection chamber. While no UV system should be sold without this safety feature, there are many products on the market that do not provide this basic requirement.

Automatic System, Operational Status, and Alarm Indication

All DLR products provide a positive indication that the unit is powered and operating, and provide audible and visual alarms in the case of a lamp failure. In addition, AP and M models provide the added feature of automatic 365 day lamp replacement notification so that the homeowner knows when to change the UV lamp. This ensures that the system will always operate as intended, and prevents possible underdosing in the event that the homeowner does not change the lamp on time.



UV Destroys Microorganisms by Disrupting Their DNA

Increased Spare Parts Sales

DLR units use a high intensity UV lamp developed and produced by WEDECO to provide maximum disinfection, as well as operational reliability in a compact package. The unique engineering of DLR units ensures the maintenance of a future spare parts business that might otherwise be missed with a generic lamp product. Automatic lamp replacement notification (AP and M models) allows customers to buy lamps on time, which means more safety for them and more predictable revenue for you.

Strong Customer Service Support Including Same Day Shipping

WEDECO customer service staff are just a phone call or email away for all of your parts or equipment needs. They can answer any technical questions regarding a product feature, service, or installation. In most cases, WEDECO is able to ship equipment and parts the same day you place an order, and will deliver the items on a rush basis if needed.



UV is a Component of Sunlight



Accessory Option: Normally Closed Solenoid Valve



40 GPM 30 GPM 18 GPM 10 GPM 4 GPM

| Features | Model | A-Series | AP-Series | M-Series |
|-----------------------------------------------|-------|-----------------------|-----------------------|-----------------------|
| Effective Microbiological Protection | | • | • | • |
| Minimum UV Dose | | ≤30mJ/cm ² | ≤40mJ/cm ² | ≤40mJ/cm ² |
| NSF Standard-55 Class A | | | | • |
| Polished Stainless Steel Disinfection Chamber | | • | • | • |
| High-Intensity, Long Life UV Lamps | | • | • | • |
| High Performance Electronic LED Power Supply | | • | • | • |
| Lamp Operation Indicator | | • | • | • |
| Glo-Cap™ Indicates Lamp Operation | | • | • | • |
| Saf-T-Cap™ Indicates Lamp Operation | | • | • | • |
| Micro-Computer Controller | | | • | • |
| Audible Alarm Buzzer | | • | • | • |
| Visual Alarm Readout | | • | • | • |
| Push Button Alarm/Computer Reset | | | • | • |
| Optional Automatic Safety Shut-Off Valve | | | • | • |
| UV Intensity Monitor and LED Readout | | | | • |

| Technical Specifications | A-Series | | | AP-Series | | | | | | M-Series | | | | |
|-------------------------------|----------|------|------|-----------|------|------|-----|--------|------|----------|------|----|--------|--|
| | Note 3 | | | Note 2 | | | | | | Note 1,2 | | | | |
| Model | A1 | A2 | A4 | AP1 | AP2 | AP4 | AP7 | AP10 | M1 | M2 | M4 | M7 | M10 | |
| Max Flow GPM | 5 | 13 | 24 | 4 | 10 | 18 | 30 | 40 | 4 | 10 | 18 | 30 | 40 | |
| Pipe Connection Size (Inches) | 1/2" | 2/4" | 3/4" | 1/2" | 3/4" | 3/4" | 1" | 1 1/2" | 1/2" | 3/4" | 3/4" | 1" | 1 1/2" | |
| Vessel Weight (Lbs.) | 5 | 6 | 8 | 5 | 6 | 8 | 12 | 20 | 5 | 6 | 8 | 12 | 20 | |
| Shipping Weight (Lbs.) | 11 | 14 | 16 | 11 | 14 | 16 | 23 | 27 | 11 | 14 | 16 | 23 | 27 | |

Notes

- Models M-1, M2, M4 and M7 are NSF Standard-55 Class-A Certified
- All AP and M models deliver > 40mJ/cm² at rate flow
- A units will deliver > 40 mJ/cm² at equivalent AP Flow Ratings (A1=AP1)

| Model | Power Volts/Hz./Amps | Dimensions Inches |
|-------------|-------------------------|----------------------|
| A1, AP1, M1 | 120/60/0.3 | 3ø x 17H |
| A2, AP2, M2 | 120/60/0.5 | 3ø x 25H |
| A4, AP4, M4 | 120/60/0.5 | 4ø x 25H |
| AP7, M7 | 120/60/1.0 | 4ø x 38H |
| AP10, M10 | 120/60/1.0 | 6ø x 40H |



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