



BA Series Residential Applications



UV Superstore's BA Series is designed as an effective whole house disinfection system to provide years of reliable and effective service. The BA Series has five configurations available with several options to choose from. Simple in design, the BA Series does the job without a lot of costly frills and expensive replacement parts, making it a smart choice. UV-C energy inactivates pathogens without adding anything to water—no aftertaste, no chemicals, and no harmful by-products, helping protect not only your clients' health but also the environment.

Key Features (All Models):

- Simple straight forward design
- Effective microbiological protection
- 304 Stainless Steel disinfection chamber
- High efficiency electronic ballast
- LED Lamp status indicator
- Audible alarm upon lamp failure
- Horizontal or vertical mounting

Available Configurations:

Standard Models—includes a view port

Plus Models—includes a count down timer and timer holder

Monitor Models—includes a count down timer, timer holder and UV Monitor

Private Labeling:

We can private label systems for you! Contact UV Superstore for more information.

For More Information Contact:

820 Tucker Court, Winder, GA 30680

(P) 770-307-3882 (F) 770-307-3872

sales@uvsuperstore.com www.uvsuperstore.com

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Available Models			
Model #	Maximum Flow Rate	I/O Size	Operating Voltage
BA-4, BA4P	4 GPM	1/2" MPT	120V 60Hz
BA-7, BA-7P	7 GPM	3/4 " MPT	120V 60Hz
BA-7U, BA-7UP	7 GPM	3/4" MPT	100-240V 50/60Hz
BA-10, BA-10P, BA-10M	12 GPM	3/4" MPT	100-240V 50/60Hz
BA-15, BA-15P, BA-15M	16 GPM	1" MPT	100-240V 50/60Hz

Dosage vs Flow Rate – All Models	BA-4	BA-7	BA-7U	BA-10	BA-15
Flow rate for UV dosage of 40 mJ/cm ² at end of lamp life (10,000 hours-1 year)	2 GPM	3.5 GPM	3.5 GPM	5 GPM	8 GPM
Flow rate for UV dosage of 30 mJ/cm ² at end of lamp life (10,000 hours-1 year)	2.5 GPM	5 GPM	5 GPM	8 GPM	11 GPM
Flow rate for UV dosage of 16 mJ/cm ² at end of lamp life (10,000 hours-1 year)	4 GPM	7 GPM	7 GPM	12 GPM	16 GPM

**Standard Models—
Includes View Port**

BA-4, BA7-, BA-7U, BA-10, BA-15



**Plus Models—
Includes View Port, Count Down Timer
and Holder**

BA-4P, BA-7P, BA-7UP, BA-10P, BA-15P



**Monitor Models—
Includes Count Down Timer, Holder
and Monitor**

BA-10M, BA-15M



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EUV Series

Residential Applications



UV Superstore's EUV Series "Hooded" system is designed to deliver years of reliable service as a whole house water disinfection system. Our "Hooded" system provides some degree of protection against environmental influences on the internal electronics. It is recommended for the EUV Series to be installed indoors as these systems are specifically intended for residential applications.

With ultraviolet technology and the EUV system, it is possible to inactivate harmful microorganisms, including E. coli, Cryptosporidium and Giardia, to name a few, by up to 99.9%.

Key Features:

- Processes up to 16 GPM
- Polished 304 SS Treatment Chamber
- 1" NPT Inlet / Outlet Connections
- 10,000 Hour Lamp Life (approximately 1 year)
- Lamp status indicators
- 120V 50/60Hz
- Vertical or Horizontal Mounting

Available Options:

- 220V / 50Hz

Dosage vs Flow Rate

Flow rate for UV dosage of 40 mJ/cm ²	8 GPM
Flow rate for UV dosage of 30 mJ/cm ²	11 GPM
Flow rate for UV dosage of 16 mJ/cm ²	16 GPM

*Flow Rate Based on 95% UVT
Clear Fresh Water



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QU Series

Water Vending Applications

UV Superstore's QU Series unique design raises water vending to a new level. These systems are used for multiple vending stations and/or multiple water types.

Why is the QU Series unlike conventional vending UV systems?

- Water passes through a quartz treatment chamber allowing the UV lamp to be exposed to ambient air, reducing water heating during non-vending cycles.
- Multi-pass flexibility and field expandability—
1, 2, 3, or 4 passes available
- A whisper-quiet cooling fan to cool electronics and mitigate water heating.
- A removable electronics tray with a safety interlock and quick disconnect terminals minimizes service time.

Available Configurations:

- 1/2" or 3/4" FPT inlet available
- UV dosage of 16 mJ/cm²

Private Labeling:

We can private label systems for you!
Contact UV Superstore for more information.



Available Models

Standard Output

Model #	Flow Rate
QU-1	4 GPM
QU-2	8 GPM
QU-3	12 GPM
QU-4	16 GPM

High Output

QU-1HO	5 GPM
QU-2HO	10 GPM
QU-3HO	15 GPM
QU-4HO	20 GPM



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Laboratory Series

Ultraviolet Ozone Destruct System

The Laboratory Ozone Destruct Unit is a bench top gravity flow unit utilizing ultraviolet lamp technology to destroy ozone (O_3) in a fluid stream.

This unit was designed specifically for the elimination of ozone in bottled water prior to standard laboratory quality control testing. The gravity flow inlet hopper is designed to accept up to a standard two liter bottle.

All wetted material is 316L stainless steel, passivated and electropolished.

The unit is simple, compact, easily stored, quick to bring-on-line, and easy to disassemble for cleaning. Maintenance cost are low, just replace the lamp every two years for best performance.

This system is available with a 120 volt or 220 volt power supply.



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UV Superstore is proud to offer a new line in ultraviolet water treatment solutions. The EagleUV™ Series is an in-house designed and engineered system that is manufactured in the USA. These systems are specifically intended for applications requiring moderate flows for fresh water disinfection. The EagleUV™ Series provides an economical alternative in a wide range of commercial and industrial applications.

Key Features:

- Disinfection
- 1 to 4 lamp systems
- Processes up to 170 GPM for clear fresh water
- 304 Stainless Steel Treatment Chamber
- 150 PSI Maximum Operating Pressure
- Powder Coated Power Enclosure
- LED UV Lamp Status Indicators
- Visual View Port
- Manual Quartz Sleeve Wiper System
- Elapsed Run Time Meter
- 2" or 3" NPT Inlet/Outlet connections (Model Dependent)
- Standard or High Output UV Lamp with 10,000 hour lamp life
- UV dosage of 30 mJ/cm²
- Vertical Mounting
- Quick disconnects and straightforward wiring provide simplicity when servicing

Available Options:

- UV Monitor 0-100% UV Intensity Display
- High Heat Shutoff
- 220V / 240V



Available Models

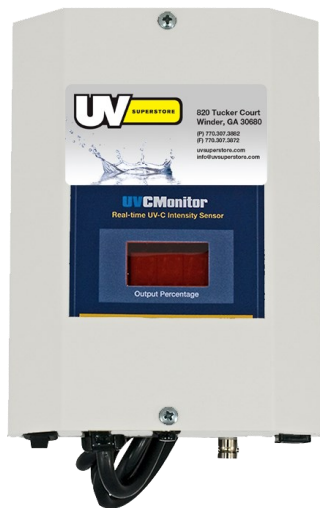
Standard Output

<u>Model #</u>	<u>Flow Rate*</u>	<u>I/O Connection Size</u>
EG1-S	19 GPM	2"
EG3-S	80 GPM	2"
EG4-S	100 GPM	2"

High Output

EG1-HO	35 GPM	2"
EG2-HO	60 GPM	2"
EG3-HO	135 GPM	3"
EG4-HO	170 GPM	3"

*Flow rates are based on 95% UVT for clear fresh water



**UV Monitor
(Option)**

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UV Superstore is proud to offer a new line in ultraviolet water treatment solutions. The CobraUV™ Series is an in-house engineered and designed system that is specifically intended for ultrapure water applications requiring lower flows. And, with our lower cost, these systems can also be used in less demanding applications. These systems are available in a standard model using an electronic ballast and a deluxe model using a remote power enclosure. The CobraUV™ systems can be used in a wide range of commercial and industrial applications for disinfection, TOC reduction or Ozone destruction.

Key Features:

- Disinfection, Ozone Destruction or TOC Reduction
- Processes up to 35 GPM for clear fresh water and 40 GPM for DI and RO water
- Electropolished & Passivated Interior/ Exterior 316L SS Treatment Chamber
- 100 PSI Maximum Operating Pressure
- Remote Polycarbonate Power Enclosure or Remote Electronic Ballast
- 3/4" NPT or Sanitary Inlet/Outlet connections (Model Dependent)
- 1" NPT, Flange or Sanitary Inlet/Outlet connections (Model Dependent)
- 1.5" Flange or Sanitary Inlet/Outlet connections (Model Dependent)
- Standard or High Output UV Lamp with 10,000 hour lamp life
- UV dosage of 30 mJ/ cm²
- Horizontal or Vertical Mounting
- Quick disconnects and straightforward wiring provide simplicity when servicing

Available Options Deluxe Models:

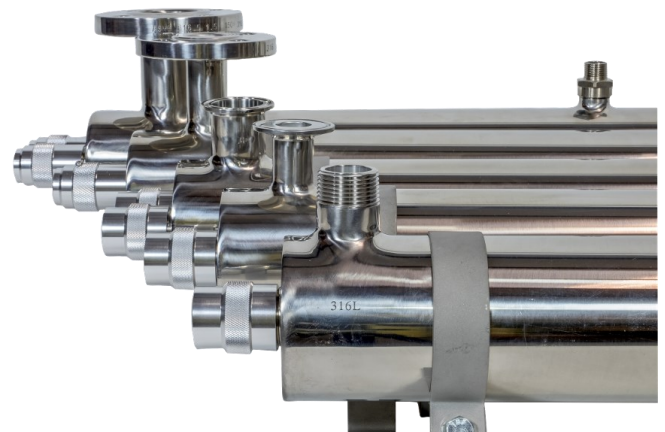
- UV Monitor 0-100% UV Intensity Display
- UV Monitor with 4-20mA Linear Output
- High Heat Shutoff
- 220V / 240V

Available Options Electronic Ballast Models:

- 220V / 240V



**Remote
Power Enclosure**



NPT, Flange or Sanitary



Model	Flow Rate* (GPM)	I/O Size	Connection Type
CB1SS-S	4/5	3/4"	NPT, Sanitary
CB1SS-HO CB1SS-HOD	7/9	3/4"	NPT, Sanitary
CB1-S CB1-SD	12/15	1"	NPT, Flange, Sanitary
CB1-HO CB1-HOD	20/25	1"	NPT, Flange, Sanitary
CB2-HOD	35/40	1.5"	Flange, Sanitary
*Flow Rates based on 95% UVT for Clear Fresh Water and 99% UVT for RO and DI Water			



**Remote
Electronic Ballast**



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UV Superstore is proud to offer a new line in ultraviolet water treatment solutions. The CoyoteUV™ Series is an in-house engineered design that is manufactured in the USA. Our innovative modular design offers easy field expansion. You can even add on options in the future and increase flow capacity for most models. The CoyoteUV™ design allows us to provide the fastest turnaround times in the industry. These systems are specifically intended for a wide range of commercial and industrial applications.

Key Features:

- Disinfection, Ozone Destruction or TOC Reduction
- Processes up to 150 GPM for clear fresh water
- Electropolished & Passivated Interior/Exterior 316L SS Treatment Chamber
- 100 PSI Maximum Operating Pressure
- Remote Power Enclosure with viewing window
- 2" MPT Inlet/Outlet Connections (1-2 lamp systems)
- 3" Flange Inlet/Outlet Connections (3-4 lamp systems)
- High Output UV Lamp with 10,000 hour lamp life
- UV dosage of 30 mJ/ cm²
- Horizontal or Vertical Mounting
- Quick disconnects and straightforward wiring provide simplicity when servicing
- Custom systems and features are available to meet specific specifications and industry requirements

Available Options:

- 150 PSI Maximum Operating Pressure
- Manual Quartz Sleeve Wiper System
- UV Monitor 0-100% UV Intensity Display
- UV Monitor with 4-20mA Linear Output
- High Heat Shutoff
- Remote 304 SS Enclosure with viewing window
- 2 or 3" Flange or Sanitary Inlet/Outlet Connections
- 220V / 240V



Simple to Install, Simple to Maintain...Built with the customer in mind!



Model Selection*	Flow Rate**
CY1-HO	35/40 GPM
CY2-HO	70/84 GPM
CY3-HO	115/135 GPM
CY4-HO	150/180 GPM
*Contact UV Superstore for systems requiring TOC Reduction and Ozone Destruction **Flow Rates based on 95% UVT for Clear Fresh Water and 99% UVT for RO and DI Water	



For more information contact:



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One Source for All Your UV Needs!

UV Superstore offers the CoyoteUV™ ultraviolet water treatment system utilizing Amalgam technologies. The Amalgam Series is an in-house engineered and designed system that is manufactured in the USA. The CoyoteUV™ Amalgam Series is specifically intended for a wide range of commercial and industrial applications.

Key Features:

- Disinfection or Ozone Destruction
- Processes up to 200 GPM for clear fresh water and 235 GPM for RO/DI Water
- Electropolished & Passivated Interior/ Exterior 316L SS Treatment Chamber
- 150 PSI Maximum Operating Pressure
- Remote 304 Stainless Steel Enclosure with viewing window
- 3" Flange Inlet/Outlet Connection
- Amalgam UV Lamp with 10,000 hour lamp life
- LED UV Lamp Status Indicators
- Visual View Port
- Elapsed Run Time Meter
- UV dosage of 30 mJ/ cm² at 95% for clear fresh water and 99% UVT for RO and DI water
- Vertical or Horizontal Mounting
- Custom systems and features are available to meet specific specifications and industry requirements

Available Options:

- 3" Sanitary Inlet/Outlet Connection
- UV Monitor 0-100% UV Intensity Display
- UV Monitor with 4-20mA Linear Output
- High Heat Shutoff
- 220V / 240V

CoyoteUV™
Amalgam Series



Model #	Flow Rate*
CY3-A	200/235 GPM
CY3-A-O3D	Contact UV Superstore
CY4-A	Contact UV Superstore
CY4-A-O3D	Contact UV Superstore
*Flow Rates based on 95% UVT for Clear Fresh Water and 99% UVT for RO and DI Water	

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UV Superstore is proud to offer a new line in ultraviolet water treatment solutions. The LeopardUV™ Series is an in-house designed and engineered system that is manufactured in the USA. These systems are specifically intended for applications requiring low flows to high flows for disinfection, ozone destruction and TOC reduction. The LeopardUV™ Series is intended for a wide range of commercial and industrial applications.

Key Features:

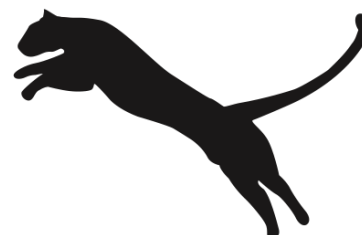
- Disinfection, Ozone Destruction or TOC Reduction
- Processes up to 1600 GPM for Clear Fresh Water and DI/RO Water
- Electropolished and Passivated Interior/ Exterior 316 Stainless Steel Treatment Chamber
- 150 PSI Maximum Operating Pressure
- Remote 304 Stainless Steel Enclosure with viewing window
- LED UV Lamp Status Indicators
- Visual View Port
- Elapsed Run Time Meter
- 4", 6" or 8" Flange Inlet/Outlet Connections (Model Dependent)
- 254NM or 185NM High Output or Amalgam UV Lamp with 10,000 hour lamp life (Model Dependent)
- UV dosage of 30 mJ/cm² or higher at rated flow
- Horizontal Mounting
- Quick disconnects and straightforward wiring provide simplicity when servicing
- Custom systems and features are available to meet specific specifications and industry requirements.

Available Options:

- 4", 6" or 8" Sanitary Inlet/Outlet (Model Dependent)
- UV Monitor 0-100% UV Intensity Display with 4-20mA linear output
- High Heat Shutoff
- 220V / 240V



<u>Available Models</u>		
<u>High Output (Long Systems)</u>		
<u>Model #</u>	<u>Flow Rate (GPM)</u> <u>(Clear Fresh/DI,RO Water)</u>	<u>I/O Connection</u> <u>Flange or Sanitary</u>
LP4LHO-6	275/320**	4"
LP5LHO-6	350/400**	4"
LP4LHO-8	400/480**	6"
LP5LHO-8	500/600**	6"
LP6LHO-8	600/720**	6"
<u>Amalgam (Short or Long Systems)</u>		
LP3SA-8	300/365*	4"
LP4SA-8	450/525*	6"
LP5SA-8	600/720*	6"
LP4LA-8	750/900*	6"
LP4LA-10	1200/1400*	8"
LP5LA-10	1600*/1600**	8"
*Flow rates are based on UV dosage of 30 mJ/cm ² **Flow rates are based on UV dosage of 40 mJ/cm ² All flow rates are based on 95% UVT for clear fresh water and 99% UVT for DI/RO water		



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