

## COLORGUARD UV LAMPS™ // HIGH PERFORMANCE UV LAMPS

Each Aquafine UV model is engineered to focus the power of concentrated UV light, providing optimum disinfection, ozone destruction, TOC reduction and chlorine/chloramines destruction.



**MODEL SHOWN:** Colorguard® UV Lamps // **PRODUCT:** CSL™, DW™, LS HX™, Optima™, Optima HX™, Optima HX™ mini, SCD™, SCD HT™, SP™, SL™ // **LAMP TYPE:** Standard, Validated, HE, HX 185nm, 254nm, 30 & 60 inch // **APPLICATIONS:** Chlorine/Chloramines Destruction, Disinfection, Ozone Destruction, TOC Reduction // **DESIGN CAPABILITIES:** Double-Ended (DE) or Single-Ended (SE)

### COLORGUARD® UV LAMPS

Field failure of lamps can go undetected, creating unacceptable bacteria counts and cause real problems. Aquafine's record is unmatched. The percentage of genuine Aquafine UV lamps which fail is less than .05% and Aquafine Colorguard UV lamps are exclusive to Aquafine, making mixing of different lamp types virtually impossible during change-out.

Specially manufactured with ceramic lamp bases, Aquafine Colorguard UV lamps offer advantages over non-ceramic material such as greater high voltage electrical insulation, superior strength, rigidity, improved temperature tolerance and are impervious to UV degradation.

Optional validated lamps are also available. A "Lamp Burn-In/ Stabilization Quality Process" is performed for conformance to minimum required intensity values, individually challenged, traceable to a lot number and provided with a "Validated Lamp Test" certificate.

#### Standard Lamp

These lamps have been the mainstay of Aquafine UV systems for decades. Like all Aquafine UV lamps, they undergo a rigorous quality control inspection and testing program. Available in SE and DE.

#### High Efficiency (HE) Lamp

A low-pressure (LP) long life, high intensity lamp which greatly increases the capacity and performance of the unit. Available in SE only.

#### High Output (HX) Lamp

These lamps feature a higher UV intensity output (HO). They are especially ideal for critical TOC reduction applications. Available in SE only.

#### Validated Lamp





As well as Aquafine's rigorous testing, these lamps also undergo a complete lamp "burn-in" procedure, are individually challenged, traceable and shipped complete with validation documentation. Available in SE and DE.

#### Patented Design

Aquafine patented socket lock design with a self-locking mechanism on the lamp base centers the SE lamp within the quartz sleeve, making lamp change-outs easy. Reduced manpower, easier maintenance and enhanced performance are the advantages of upgrading with Aquafine's patented Lamp Lok™ SE UV lamps.

For questions regarding your application needs, please contact your local Authorized Distributor or Aquafine for more information.

## DOUBLE-ENDED (DE) LAMP DESIGN

PART #	TYPE	DESCRIPTION	APPLICATION	COLORGUARD® CODING
3052	STANDARD	15" 185nm BLUE	TOC, CHLORINE	
3087	STANDARD	30" 185nm BLUE		
3095	STANDARD	60" 185nm BLUE		
3050	STANDARD	15" 254nm MAUVE	DISINFECTION, OZONE	
3084LM	STANDARD	30" 254nm MAUVE		
3098LM	STANDARD	60" 254nm MAUVE		
16715	VALIDATED	15" 185nm YELLOW	TOC, CHLORINE	
16678	VALIDATED	30" 185nm YELLOW		
16679	VALIDATED	60" 185nm YELLOW		
16714	VALIDATED	15" 254nm GREEN	DISINFECTION, OZONE	
16676	VALIDATED	30" 254nm GREEN		
16677	VALIDATED	60" 254nm GREEN		
3015	STANDARD	12" 185nm BLUE	TOC, CHLORINE	
3011	STANDARD	12" 254nm MAUVE	DISINFECTION, OZONE	

## SINGLE-ENDED (SE) LAMP DESIGN

PART #	TYPE	DESCRIPTION	APPLICATION	COLORGUARD® CODING
18063	STANDARD	30" 185nm BLUE	TOC, CHLORINE	
17498	STANDARD	60" 185nm BLUE		
17491LM	STANDARD	30" 254nm MAUVE	DISINFECTION, OZONE	
17998LM	STANDARD	60" 254nm MAUVE		
18197	STANDARD HE	30" 185nm VIOLET	TOC, CHLORINE	
17820	STANDARD HE	60" 185nm VIOLET		
18198	STANDARD HE	30" 254nm CYAN	DISINFECTION, OZONE	
18024	STANDARD HE	60" 254nm CYAN		
SILVER-S	STANDARD HX	30" 185nm SILVER	TOC, CHLORINE	
SILVER-L	STANDARD HX	60" 185nm SILVER		
GOLD-S	STANDARD HX	30" 254nm GOLD	DISINFECTION, OZONE	
GOLD-M	STANDARD HX	13" 254nm GOLD		
GOLD-L	STANDARD HX	60" 254nm GOLD		
18062	VALIDATED	30" 185nm YELLOW	TOC, CHLORINE	
18061	VALIDATED	60" 185nm YELLOW		
18059	VALIDATED	30" 254nm GREEN	DISINFECTION, OZONE	
18060	VALIDATED	60" 254nm GREEN		
18952	VALIDATED HE	30" 185nm ORANGE	TOC, CHLORINE	
18953	VALIDATED HE	60" 185nm ORANGE		
18950	VALIDATED HE	30" 254nm BLACK	DISINFECTION, OZONE	
18951	VALIDATED HE	60" 254nm BLACK		
TAN-S	VALIDATED HX	30" 185nm TAN	TOC, CHLORINE	
TAN-L	VALIDATED HX	60" 185nm TAN		
CREAM-S	VALIDATED HX	30" 254nm CREAM	DISINFECTION, OZONE	
CREAM-M	VALIDATED HX	13" 254nm CREAM		
CREAM-L	VALIDATED HX	60" 254nm CREAM		



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Aquafine is an ISO 9001:2008 certified company.