



INSTRUCTION

VIQUAUV (ALL LAMPS AND SYSTEMS) PRODUCT LINE(S):

AQUAFINEUV (ALL LAMPS AND SYSTEMS)

DOCUMENT NUMBER:

520534-R

INSTRUCTION, UV LAMP AND SYSTEM INFORMATION TOPIC:

EDITION/REVISION:

Rev D

UV Lamp Information

Overview

Read and observe all labels attached to product. See further directions for use, precautionary statements, claims, storage and disposal information in system product manual.

UV Lamp replacement: The amount of UV light created by the UV lamp decreases over time, requiring that the UV lamp be replaced. Some systems will automatically notify you when it is time to replace the UV lamp.

Quartz Sleeve replacement/maintenance: Minerals in the water slowly form a coating on the quartz sleeve. This coating must be removed because it reduces the amount of UV light reaching the water, thereby reducing performance. If the guartz sleeve can not be cleaned, it must be replaced.

Safety Information Section 1

Please read this entire instruction sheet and product manual before operating this equipment. Pay attention to all danger, warning and caution statements in this instruction. Failure to do so could result in serious personal injury or damage to the equipment.

Make sure that the protection provided by this equipment is not impaired. Do not use or install this equipment in any manner other than that specified in the owners manual.

1.1 Safety Precautions

ADANGER



Failure to follow these instructions will result in serious injury or death.



Shock Hazard - Stored Energy



Disconnect power to system before performing any maintenance or repair.



There may be more than one source of power. Only connect to a GFCI.



DO NOT touch with wet hands.

Protective ground



Pressurized Device - Impalement Hazard



NEVER perform any physical inspection, repair or maintenance on UV chamber unless UV chamber has been isolated and depressurized.

NEVER service UV lamps, quartz sleeves or associated hardware until depressurization of UV chamber has been confirmed.



DO NOT store any combustible or flammable material close to the system.

AWARNING

Failure to follow these instructions could result in serious injury or death

UV Light Hazard



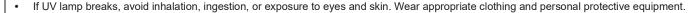
- ALWAYS use UV protective gear, including gloves and UV safety glasses.
- NEVER look directly at illuminated UV lamp, even when using protective gear.



- NEVER illuminate UV lamp outside of the UV chamber.
- If accidental exposure occurs, immediately cool affected area and consult physician.



Contamination Hazard





 NEVER use a vacuum cleaner to clean up broken UV lamps as this will scatter the mercury. Obey local regulations and guidelines for the removal and disposal of mercury waste.



WARNING: This product can expose you to chemicals including Phthalates, which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.



- · Always disconnect power before performing any work on the UV system.
- Always shut-off water flow and release water pressure before servicing.



- · Replace the UV lamp annually (or biennially if seasonal home use) to ensure maximum performance.
- Always drain the chamber when closing a seasonal home or leaving the unit in an area subject to freezing temperatures.

A CAUTION

Failure to follow these instructions could result in minor or moderate injury.

Thermal Hazard



- Allow UV lamps, UV chamber to cool for a minimum of 10 (ten) minutes before handling.









UV lamps and quartz sleeves are fragile. Do not strike, bend or apply pressure, or they will break.
DO NOT handle UV lamps or quartz sleeves with bare hands. Wear rubber or latex gloves to handle previously installed UV lamps and soiled

quartz sleeves to protect against contaminants. Wear cotton gloves to handle new UV lamps and clean quartz sleeves.



Hg Exposure



• The UV lamp contains mercury. If the lamp breaks, then avoid inhalation or ingestion of the debris and avoid exposure to eyes and skin. Never use a vacuum cleaner to clean up a broken lamp as this may scatter the spilled mercury. Obey local regulations and guidelines for the removal and disposal of mercury waste.

When there is no water flow, the water in the chamber will become hot. To prevent scalding, allow the system to cool for 10 minutes before

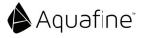
NOTICE

Avoid Injury



- · Read and understand this Instruction Sheet before operating and performing any maintenance on this equipment.
- Keep out of reach of children.
- The UV system is not to be used or played with by children. Persons with reduced physical, sensory, or mental capabilities, or lack of experience and knowledge, are also not to handle the UV system unless they have been given supervision or instruction.
- The SQ-PA, S1Q-PA, S2Q Series, S5Q Series, S8Q Series, S12Q-PA, SCS-320, SC-320, SC410, VT1, VT1-DWS, VT4, VT4-DWS12, VT4-DWS, UV-1, UV-4, UVS-3, UVS-30, NX1518, PUV-7, PUV-14, PUV-7-P, PUV-14-P, STERIS, VL200, VL410, VL410M, E4-50+, F4-50+, H, H+, K, K, SHF-140, SHFM-290, SHFM-140, SHFM-180, SHFM-290, VH150, VH200, VH200-F10, VH410, VH410M, VH410-F20, VP600, VP600M, VP950, and VP950M UV systems inactivates Cryptosporidium, Giardia, Escherichia coli (E. Coli) and Fecal Coliform.
- The SV5Q-PA, SV8Q-PA, D4-V, E4-V, F4-V and plus models, PUV-8, PUV-16, PUV-8-P, PUV-16-P, VH200-V, VH410-V, VH410M-V, Arros 9-V, Arros 15-V, and Arros 22-V UV systems inactivates heterotrophs, Escherichia coli (E. coli) and Fecal Coliform.



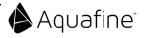


NOTICE
The S2Q-OZ, S2Q-OZ/2, S8Q-OZ, and S8Q-OZ/2 inactivates Escherichia coli (E. coli), Cryptosporidium and Giardia.
The D4, E4, F4. D4 Premium and Plus Models, IHS10-D4, IHS12-D4, IHS22-D4, IHS22-E4, IHS-10, UV-10, IHS12E-D4, Arros 9, Arros 15, and Arros 22 UV systems have been validated through microbial testing. Through this testing, performance data has been generated for UV dose delivery to inactivate Cryptosporidium, Giardia, Escherichia coli (E. coli) and Fecal Coliform.
The VL200-AD, VL200-ADS, VL200-TD, VL200-TDS, VL410-AD, VL410-ADS, VL410-TD, VL410-TDS, and STERIUV5 UV systems inactivate Cryptosporidium, Giardia, Escherichia coli (E. coli) and Fecal Coliform.
The VL410-AT, VL410-ATS, VL410-TT, and VL410-TTS break down trace levels of ozone, chlorine and total organic carbon.
The PRO10, PRO20, SPV-1.5, SPV-15 and PRO30 UV systems inactivate Escherichia coli (E. coli), Fecal Coliform, Cryptosporidium, Giardia, and Rotavirus.
The PRO24-100 and PRO24-186 UV systems are validated through microbial testing. Through this testing, performance data has been generated for UV dose delivery to inactivate Cryptosporidium, Giardia, and Adenovirus.
The PRO50 UV systems is validated through microbial testing. Through this testing, performance data has been generated for UV dose delivery to inactivate Cryptosporidium & Giardia.
Legacy UV systems and lamps inactivate Cryptosporidium, Giardia, Escherichia coli (E. coli) and Fecal Coliform.
TOC legacy UV systems and lamps break down trace levels of ozone, chlorine and total organic carbon.
Note: Models may be followed by "-XXXX", "/XXXX", "M", "S" or "+", where these extensions denote derivatives of the base product. These derivatives have the same performance as their base models.

Section 2 UV Lamp and System Information

Product Line	Lamp Part Number	Product	Instruction Sheet Part Number
VIQUA	S740RL-4C QL-140	SHF-140	520188-R
		SHFM-140	
VIQUA	\$950RL-4C QL-180 QL-290	SHF-180	520188-R
		SHFM-180	
		SHF-290	
		SHFM-290	
VIQUA	602805	D4	602808
	602805/12	D4-V	
	602810-102	D4 Premium	
		PUV-8	
		PUV-8-P	
		UV-10	
		IHS-D4	
VIQUA	602806 602806/12 602810-103	E	602808
		E4	
		E4-V	
		E4-50+	
		IHS22-E4	
		PUV-16	
		PUV-16-P	
VIQUA	602807 602807/10 602810-104	F	602808
		F4	
		F4-V	
		F4-50+	
VIQUA	602854 602854/12 602850-101	PRO10	602962





UV Lamp and System Information

Product Line	Lamp Part Number	Product	Instruction Sheet Part Number
VIQUA	602855	PRO20	602962
	602855/12	Н	
	602850-102	H+	
VIQUA	602856	К	602962
	602856/10 602850-103	K+	
		PRO30	
		PRO50	
		PRO24-186	
		PRO24-100	
VIQUA	250120	S2Q-PA	520183-R
VIQUA	56058-35	S5Q-PA	520183-R
VIQUA	56058-37	S8Q-PA	520183-R
VIQUA	S8ROL/4P	S8Q-0Z	520183-R
VIQUA	S415ROL	S2Q-OZ	520183-R
Aquafine	250449-DS20	VL410-AD	520184-R
		VL410-ADS	
		VL410-TD	
		VL410-TDS	
Aquafine	250449-DS12	VL200-AD	520184-R
•		VL200-ADS	
		VL200-TD	
		VL200-TDS	
Aquafine	250450-TS20	VL410-AT	520184-R
'		VL410-ATS	
		VL410-TT	
		VL410-TTS	
Aquafine	45635 46060 46061	STERIUV5	520533-R
VIQUA	S150RL-HO S150RL-HO/12 SHO150-QL	VH150	520183-R
VIQUA	S200RL-HO	VH200	520183-R
	S200RL-HO/12	VH200-V	
	SHO200-QL	PUV-7	
		PUV-7-P	
		UVS-10	
VIQUA	S320RL-HO	SCS-320	520183-R
	S320RL-HO/12 SHO320-QL	SC-320	
VIQUA	S410RL-HO	VH410	520183-R
	S410RL-HO/12	VH410-V	
	S410RL-HO-A/12	SC410	
	S410RL-HW QL-410	PUV-14	
	SHO410-QL	PUV-14-P	
		UVS-20	
VIQUA	S600RL-HO	VP600	520183-R
	S600RL-HO/12 QL-600 SHO600-QL	UVS-30	



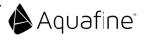


Product Line	Lamp Part Number	Product	Instruction Sheet Part Number
VIQUA	S950RL-HO S950RL-HO/10 S950RL-HW QL-950 SHO950-QL	VP950	520183-R
VIQUA	S212RL	SQ-PA	520183-R
	S212RL/12	UV-1	
	S212RL/30 S212-QL	VT1	
VIQUA	S212RL S287RL/12 S287RL/30 S287-QL	S1Q-PA	520183-R
		NX1518	
VIQUA	S330RL	S2Q-PA	520183-R
	S330RL/12	S2Q-PV	
	\$330RL/30 \$330-QL	S2Q-P/12DC	
		S2Q-PM/12	
		S2Q-VE	
		UV-4	
		UVS-3	
		VT4	
VIQUA	S463RL S463RL/12 S463RL/30 S463-QL	S5Q-P/12VDC	520183-R
		S5Q-P/24	
		S5Q-PA	
		S5Q-PV	
		SV5Q-PA	
VIQUA	S810RL S810RL/12 S810RL/30 S810-QL	S8Q-P/24	520183-R
		S8Q-PA	
		SV8Q-PA	
VIQUA	VA09LU VA15LU VA22LU	Arros 9-V	520528
		Arros 15-V	
		Arros 22-V	

Section 3 Legacy UV System and Lamp Information

Product Line	Legacy Lamp Part Number	Product	Instruction Sheet Part Number
VIQUA	602803 602803/12 602809-100	A Systems	602808
VIQUA	602804	В	602808
	602804/12	B4	
	602810-101	B4-V	
VIQUA	602805 602805/12 602810-102	C D C4	602808
VIQUA	56058-33	S1Q-PA	520033
VIQUA	56058-41	S12Q-PA	520033
VIQUA	S64RL-AM	SUVAM-12/8-B SUVAM-6/6-B	N/A
VIQUA	S36RL-AM	SUVAM-6C/4-B	N/A
VIQUA	89500	UVSS-6	520184-R
VIQUA	89501	UVSS-10	520184-R
VIQUA	89502	UVSS-15	520184-R





Product Line	Legacy Lamp Part Number	Product	Instruction Sheet Part Number
VIQUA	S64RL/4	CUV 225P	N/A
VIQUA	S100RL-HO	SPV-1.5	520183-R
VIQUA	S740RL-HO S740RL-HO/12 SHO740-QL	SPV-15	520183-R
VIQUA	S36RL S36RL/12 S36RL/30 S36-QL	S12Q-PA	520183-R
VIQUA	\$200RL-HO \$200RL-HO/12 \$HO200-QL	SC200-A	520183-R

Section 4 TOC Legacy UV System and Lamp Information

Product Line	TOC Legacy Lamp Part Number	Product	Instruction Sheet Part Number
VIQUA	S36ROL-AM	TOC Legacy System	N/A
VIQUA	S64ROL/4	STOC Systems	520183-R
VIQUA	S212ROL	TOC Legacy System	520183-R
VIQUA	S287ROL	TOC Legacy System	520183-R
VIQUA	S330ROL	TOC Legacy System	520183-R
VIQUA	S463ROL	TOC Legacy System	520183-R
VIQUA	S810ROL	TOC Legacy System	520183-R







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