

CREATING QUALITY WATER

Introducing RK2's new line of Pro-Tect UV systems

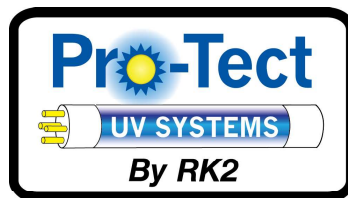


Pro-Tect UV Systems: Affordable, Practical Solutions

Introducing RK2's new line of Pro-Tect UV systems. All Pro-Tect UV systems feature durable, non-corrosive schedule 80 PVC reaction chambers. Each system utilizes single end glassware assemblies which simplify maintenance and reduce over all labor costs associated with operating a UV system. Our inlet/outlet ports are engineered to ensure optimal hydraulic mixing inside the reaction chamber.

Pro-Tect UV systems' power supply enclosures are made using non-metal, non-corrosive thermoplastic or fiberglass. Our standard HMI (Human Machine Interface) control package is user friendly and simplifies daily operation. A color touch screen display shows basic operating status of the UV system and alerts users to any problems that may arise. Upgrading to the optional HMI Pro series control package expands the capabilities of your Pro-Tect UV system. HMI Pro series control package offers a larger color touch screen display and more advanced monitoring options. Both the standard HMI and optional HMI Pro series packages include water temperature monitor with alarm and safety cutoff switch.

With a combined 50+ years of UV experience, please consider a Pro-Tect UV system for your applications



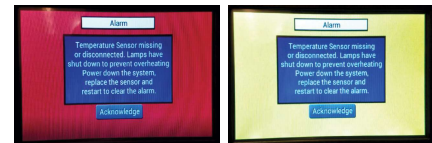
UV System Features

- Corrosion Proof Schedule 80 PVC is stronger and can handle higher internal pressures when compared to HDPE and polypropylene reactors. It will not rust in corrosive seawater environments, unlike stainless steel reactors
- Single end lamp and sleeve access makes for easy maintenance
- American made low pressure amalgam (ALH/AUH) and high output (HLH/HUH) UV lamps. These lamps are designed for 12,000 hours of continuous use and are 80% efficient at end of lamp life.
- Standard over temperature safety cutoff switch shuts the lamps down when water inside the reaction chamber reaches 120F, preventing damage to the reactor from overheating.
- Electronic ballasts are matched to the performance of the required lamp for optimal UV-C output and longer useful lamp life

Choice of Standard HMI or HMI Pro Series Control Package

Standard HMI Package Includes:

- 3.5" x 3.5" Color touch screen display
- Lamp monitoring: Hours, status, and alarm
- Input voltage monitor and alarm
- Reactor water temperature monitor, alarm, and safety cutoff
- Power supply enclosure temperature monitor and alarm
- Alarm Output Relay



Alarm Mode Flashes Red/Yellow

HMI Pro Series Package Includes:

- 4.3" x 4.3" or 5" x 5" Color touch screen display (depending on number of lamps)
- Lamp monitoring: Hours, status, and alarm
- Input voltage monitor and alarm
- Reactor water temperature monitor, alarm, and safety cutoff
- Power supply enclosure temperature monitor and alarm
- UV Intensity monitor and with UV Sensor and Alarm
- Remote On/Off capability
- Alarm Output Relay

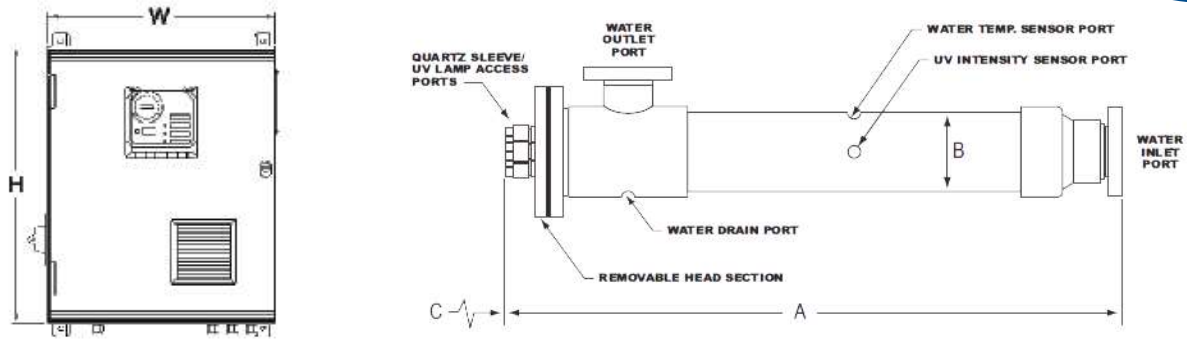


Single End Lamp and Sleeve Access



Lamp Status Screen

HLH AND ALH UV STERLIZERS



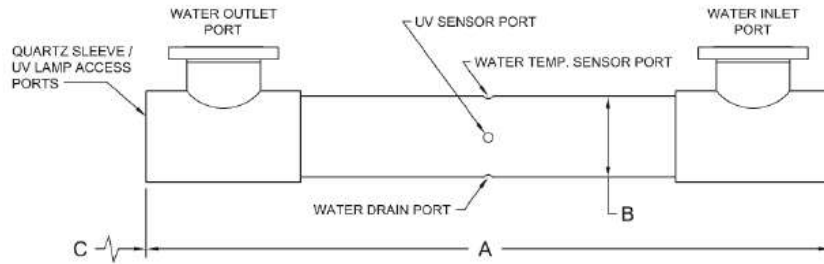
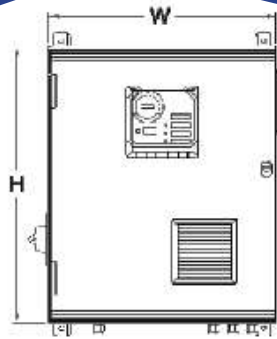
HLH UV System Chart

Model	Lamp # / Watts	Input Watts	UVC Output	Vessel Dimensions A x B x C	Inlet/Outlet Sizes	Max PSI/BAR	Power Supply Dimensions H x W x D	Max Amps @ 120/230 VAC	Control Options	30 mJ/cm ² GPM/LPM	180 mJ/cm ² GPM/LPM
HLH32D6-XXX	2/80	160	40	56" x 6" x 47"	2", 3", 4"	150 / 10.3	14" x 12" x 8.4"	3/1.5	Basic or PLC	81/314	13/52
HLH33D6-XXX	3/80	240	80	56" x 6" x 47"	2", 3", 4"	150 / 10.3	14" x 12" x 8.4"	4.0/2.0	Basic or PLC	119/461	20/77
HLH34D6-XXX	4/80	320	120	56" x 6" x 47"	2", 3", 4"	150 / 10.3	16" x 14" x 8.4"	5.0/2.5	Basic or PLC	155/600	26/100
HLH52D6-XXX	2/150	300	160	85" x 6" x 76"	2", 3", 4"	150 / 10.3	14" x 12" x 8.4"	3.75/1.8	Basic or PLC	174/675	29/113
HLH53D6-XXX	3/150	450	200	85" x 6" x 76"	2", 3", 4"	150 / 10.3	14" x 12" x 8.4"	5.5/2.7	Basic or PLC	250/969	41/162
HLH54D6-XXX	4/150	600	240	85" x 6" x 76"	2", 3", 4"	150 / 10.3	16" x 14" x 8.4"	7.5/3.7	Basic or PLC	331/1283	55/214

ALH UV System Chart

Model	Lamp # / Watts	Input Watts	UVC Output	Vessel Dimensions A x B x C	Inlet/Outlet Sizes	Max PSI/BAR	Power Supply Dimensions H x W x D	Max Amps @ 120/230 VAC	Control Options	30 mJ/cm ² GPM/LPM	180 mJ/cm ² GPM/LPM
ALH41D6-XXX	1/130	130	40	56" x 6" x 47"	2", 3", 4"	150 / 10.3	16" x 14" x 8.4"	2.1/1.0	Basic or PLC	66/255	11/42
ALH42D6-XXX	2/130	260	80	56" x 6" x 47"	2", 3", 4"	150 / 10.3	16" x 14" x 8.4"	3.9/2.0	Basic or PLC	112/434	18/72
ALH43D6-XXX	3/130	390	120	56" x 6" x 47"	2", 3", 4"	150 / 10.3	16" x 14" x 8.4"	5.8/2.9	Basic or PLC	161/624	27/104
ALH43D8-XXX	3/130	390	120	62" x 8" x 51"	3", 4", 6"	150 / 10.3	16" x 14" x 8.4"	5.8/2.9	Basic or PLC	228/883	38/147
ALH44D8-XXX	4/130	520	160	62" x 8" x 51"	3", 4", 6"	150 / 10.3	20.2" x 16.3" x 8.4"	7.5/3.7	Basic or PLC	296/1,147	49/191
ALH45D8-XXX	5/130	650	200	62" x 8" x 51"	3", 4", 6"	150 / 10.3	24.6" x 20.2" x 10.6"	9.4/4.7	Basic or PLC	346/1,341	58/223
ALH46D10-XXX	6/130	780	240	64" x 10" x 51"	4", 6", 8"	120 / 8.3	24.6" x 20.2" x 10.6"	11.2/5.6	Basic or PLC	480/1,860	80/310
ALH47D10-XXX	7/130	910	280	64" x 10" x 51"	4", 6", 8"	120 / 8.3	24.6" x 20.2" x 10.6"	13.3/6.5	Basic or PLC	564/2,185	94/364
ALH47D12-XXX	7/130	910	280	69" x 12" x 51"	6", 8"	90 / 6.2	24.6" x 20.2" x 10.6"	13.3/6.6	Basic or PLC	648/2,511	108/418
ALH48D12-XXX	7/130	1,040	320	69" x 12" x 51"	6", 8"	90 / 6.2	30.5" x 24.1" x 12.6"	15.0/7.5	Basic or PLC	763/2,956	127/493
ALH61D6-XXX	1/320	320	98	85" x 6" x 76"	2", 3", 4"	150 / 10.3	24.6" x 20.2" x 10.6"	3.2/1.6	Basic or PLC	165/639	27/106
ALH62D6-XXX	2/320	640	196	85" x 6" x 76"	2", 3", 4"	150 / 10.3	24.6" x 20.2" x 10.6"	6.0/3.0	Basic or PLC	276/1,070	46/178
ALH63D6-XXX	3/320	960	294	85" x 6" x 76"	2", 3", 4"	150 / 10.3	24.6" x 20.2" x 10.6"	9.0/4.5	Basic or PLC	392/1,519	65/253
ALH63D8-XXX	3/320	960	294	86" x 8" x 76"	3", 4", 6"	150 / 10.3	24.6" x 20.2" x 10.6"	9.0/4.6	Basic or PLC	587/2,275	98/379
ALH64D8-XXX	4/320	1,280	392	86" x 8" x 76"	3", 4", 6"	150 / 10.3	24.6" x 20.2" x 10.6"	12.0/6.1	Basic or PLC	744/2,883	124/480
ALH65D8-XXX	5/320	1,600	490	86" x 8" x 76"	3", 4", 6"	150 / 10.3	24.6" x 20.2" x 10.6"	15.0/7.5	Basic or PLC	848/3,286	141/548
ALH66D10-XXX	6/320	1,920	588	88" x 10" x 76"	4", 6", 8"	120 / 8.3	30.5" x 24.1" x 12.6"	18.0/9.1	Basic or PLC	1,198/4,642	200/773
ALH67D10-XXX	7/320	2,240	686	88" x 10" x 76"	4", 6", 8"	120 / 8.3	30.5" x 24.1" x 12.6"	230 VAC 11.0	Basic or PLC	1,405/5,442	234/907
ALH67D12-XXX	7/320	2,240	686	90" x 12" x 76"	6", 8"	90 / 6.2	30.5" x 24.1" x 12.6"	230 VAC 11.0	Basic or PLC	1,611/6,243	268/1,040
ALH68D12-XXX	8/320	2,560	784	90" x 12" x 76"	6", 8"	90 / 6.2	30.5" x 24.1" x 12.6"	230 VAC 13.0	Basic or PLC	1,839/7,126	306/1,188

HUH AND AUH UV STERLIZERS



HUH UV System Chart

Model	Lamp # / Watts	Input Watts	UVC Output	Vessel Dimensions A x B x C	Inlet/Outlet Sizes	Max PSI/BAR	Power Supply Dimensions H x W x D	Max Amps @ 120/230 VAC	Control Options	30 mJ/cm ² GPM/LPM	180 mJ/cm ² GPM/LPM
HUH32D6-XXX	2/80	160	40	52" x 6" x 47"	2", 3", 4"	50 / 3.4	14" x 12" x 8.4"	3/1.5	Basic or PLC	81/314	13/52
HUH33D6-XXX	3/80	240	80	52" x 6" x 47"	2", 3", 4"	50 / 3.4	14" x 12" x 8.4"	4.0/2.0	Basic or PLC	119/461	20/77
HUH34D6-XXX	4/80	320	120	52" x 6" x 47"	2", 3", 4"	50 / 3.4	16" x 14" x 8.4"	5.0/2.5	Basic or PLC	155/600	26/100
HUH52D6-XXX	2/150	300	160	70" x 6" x 66"	2", 3", 4"	50 / 3.4	14" x 12" x 8.4"	3.75/1.8	Basic or PLC	174/675	29/113
HUH53D6-XXX	3/150	450	200	70" x 6" x 66"	2", 3", 4"	50 / 3.4	14" x 12" x 8.4"	5.5/2.7	Basic or PLC	250/969	41/162
HUH54D6-XXX	4/150	600	240	70" x 6" x 66"	2", 3", 4"	50 / 3.4	16" x 14" x 8.4"	7.5/3.7	Basic or PLC	331/1283	55/214

AUH UV System Chart

Model	Lamp # / Watts	Input Watts	UVC Output	Vessel Dimensions A x B x C	Inlet/Outlet Sizes	Max PSI/BAR	Power Supply Dimensions H x W x D	Max Amps @ 120/230 VAC	Control Options	30 mJ/cm ² GPM/LPM	180 mJ/cm ² GPM/LPM
AUH41D6-XXX	1/130	130	40	52" x 6" x 47"	2", 3", 4"	50 / 3.4	16" x 14" x 8.4"	2.1/1.0	Basic or PLC	66/255	11/42
AUH42D6-XXX	2/130	260	80	52" x 6" x 47"	2", 3", 4"	50 / 3.4	16" x 14" x 8.4"	3.9/2.0	Basic or PLC	112/434	18/72
AUH43D6-XXX	3/130	390	120	52" x 6" x 47"	2", 3", 4"	50 / 3.4	16" x 14" x 8.4"	5.8/2.9	Basic or PLC	161/624	27/104
AUH43D8-XXX	3/130	390	120	54" x 8" x 51"	3", 4", 6"	50 / 3.4	16" x 14" x 8.4"	5.8/2.9	Basic or PLC	228/883	38/147
AUH44D8-XXX	4/130	520	160	54" x 8" x 51"	3", 4", 6"	50 / 3.4	20.2" x 16.3" x 8.4"	7.5/3.7	Basic or PLC	296/1,147	49/191
AUH45D8-XXX	5/130	650	200	54" x 8" x 51"	3", 4", 6"	50 / 3.4	24.6" x 20.2" x 10.6"	9.4/4.7	Basic or PLC	346/1,341	58/223
AUH46D10-XXX	6/130	780	240	60" x 10" x 51"	4", 6", 8"	50 / 3.4	24.6" x 20.2" x 10.6"	11.2/5.6	Basic or PLC	480/1,860	80/310
AUH47D10-XXX	7/130	910	280	60" x 10" x 51"	4", 6", 8"	50 / 3.4	24.6" x 20.2" x 10.6"	13.3/6.5	Basic or PLC	564/2,185	94/364
AUH47D12-XXX	7/130	910	280	62" x 12" x 51"	6", 8"	50 / 3.4	24.6" x 20.2" x 10.6"	13.3/6.6	Basic or PLC	648/2,511	108/418
AUH418D12-XXX	8/130	1,040	320	62" x 12" x 51"	6", 8"	50 / 3.4	30.5" x 24.1" x 12.6"	15.0/7.5	Basic or PLC	763/2,956	127/493
AUH61D6-XXX	1/320	320	98	75" x 6" x 71"	2", 3", 4"	50 / 3.4	24.6" x 20.2" x 10.6"	3.2/1.6	Basic or PLC	165/639	27/106
AUH62D6-XXX	2/320	640	196	75" x 6" x 71"	2", 3", 4"	50 / 3.4	24.6" x 20.2" x 10.6"	6.0/3.0	Basic or PLC	276/1,070	46/178
AUH63D6-XXX	3/320	960	294	75" x 6" x 71"	2", 3", 4"	50 / 3.4	24.6" x 20.2" x 10.6"	9.0/4.5	Basic or PLC	392/1,519	65/253
AUH63D8-XXX	3/320	960	294	77" x 8" x 71"	3", 4", 6"	50 / 3.4	24.6" x 20.2" x 10.6"	9.0/4.6	Basic or PLC	587/2,275	98/379
AUH64D8-XXX	4/320	1,280	392	77" x 8" x 71"	3", 4", 6"	50 / 3.4	24.6" x 20.2" x 10.6"	12.0/6.1	Basic or PLC	744/2,883	124/480
AUH65D8-XXX	5/320	1,600	490	77" x 8" x 71"	3", 4", 6"	50 / 3.4	24.6" x 20.2" x 10.6"	15.0/7.5	Basic or PLC	848/3,286	141/548
AUH66D10-XXX	6/320	1,920	588	79" x 10" x 71"	4", 6", 8"	50 / 3.4	30.5" x 24.1" x 12.6"	18.0/9.1	Basic or PLC	1,198/4,642	200/773
AUH67D10-XXX	7/320	2,240	686	79" x 10" x 71"	4", 6", 8"	50 / 3.4	30.5" x 24.1" x 12.6"	230 VAC 11.0	Basic or PLC	1,405/5,442	234/907
AUH67D12-XXX	7/320	2,240	686	81" x 12" x 71"	6", 8"	50 / 3.4	30.5" x 24.1" x 12.6"	230 VAC 11.0	Basic or PLC	1,611/6,243	268/1,040
AUH68D12-XXX	8/320	2,560	784	81" x 12" x 71"	6", 8"	50 / 3.4	30.5" x 24.1" x 12.6"	230 VAC 13.0	Basic or PLC	1,839/7,126	306/1,188

