

Product Bulletin

Issue/Date:	July 7, 2021	Bulletin Number:	AQ07092021
Subject:	Lamp Driver	Product Line:	OptiVenn
Topic:	Lamp Driver Release (43474-3 & 43474-4)		

Dear Aquafine Customers,

This bulletin is to notify you that Aquafine has introduced a new lamp driver 43474-4 to replace the 43474-1 used on OptiVenn 15" lamp units (OPV01CDS and OPV03CDS). As per bulletin AQ11062020, for products using 30" and 60" lamps with lamp driver 43474-1, the direct replacement lamp driver is 43474-3.

This update is part of our commitment to provide best in class quality components for Aquafine UV systems as well as to improve reliability over the life of your system.

Please reference the following chart when ordering lamp drivers:

Product	Description	Lamp Driver Part Number
OptiVenn	OPV01CDS and OPV03CDS <i>Use 15" lamps</i>	43474-4
	All models <u>EXCEPT</u> OPV01CDS and OPV03CDS <i>Use 30" or 60" lamps</i>	43474-3
SCD-H	All models	
LS-HX	All models	
Optima	All models	
HX	All models <u>EXCEPT</u> HX01BDMU, HX02BDMU, HX02CDMU, and HX03CDMU <i>Use 30" or 60" lamps</i>	45040
HX Mini	HX01BDMU, HX02BDMU, HX02CDMU, HX03CDMU <i>Use 15" lamps</i>	

The specifications for the new lamp drivers are attached. They have the same functionality but with several additional benefits including:

- Limit to ignition pulses to avoid premature failure
- End of lamp life protection, to prevent damage to the driver when the lamp reaches end of its life
- Certification: CCC in addition to UL and CE.

The change to use the new driver (43474-4) will apply to all quotes and orders shipped on and after June 7th, 2021. Thank you for giving us an opportunity to support with your water treatment needs. Please feel free to reach out to customerservice@trojantechnologies.com, if you have any questions.

LAMP DRIVER SPECIFICATIONS

Product Specification: UV Lamp Driver, **Part Number 43474-1, 43474-4 and 43474-3.**

Item	Feature	43474-1	43474-4 (Replacement)	43474-3 (Replacement)
1	Lamp driver (Ballast) Type	Electronic	Electronic	Electronic
2	Input Voltage	120 / 240 VAC +/- 10%	100 / 240 VAC +/- 10%	100 / 240 VAC +/- 10%
3	Input Current (Maximum)	2.45 / 1.2 A	0.82 / 0.35 A	3.3 / 1.4 A
4	Input Frequency	50/60 Hz	50/60 Hz	50/60 Hz
5	Starting Method	Instant start	Instant start	Instant start
6	Connector	2 connectors, 3 position and 4 position	2 connectors, 6 position and 12 position- a separate input and output wiring harness is required	2 connectors, 6 position and 12 position- a separate input and output wiring harness is required
7	Case	Aluminum	Aluminum	Aluminum
8	Case dimensions	11.7 x 3.1 x 1.8 inches	11.7 x 3.1 x 1.8 inches	11.7 x 3.1 x 1.8 inches
9	Lamp Connection	Parallel	Parallel	Parallel
10	Lamp supply	Powers 2 lamps	Powers 2 lamps	Powers 2 lamps
11	Lamp type	52885-DS15Z, G36HO, G64HO HE/HX lamp type	52885-DS15Z	G36HO, G64HO HE/HX lamp type
12	Lamp wattage	42W / 87W / 155W	42W	87W / 155W
13	Electrical Safety Certification	cULus for US and Canada, per applicable UL and CSA standards	cULus for US and Canada, per applicable UL and CSA standards, CE,CCC	cULus for US and Canada, per applicable UL and CSA standards, CE,CCC

*Values stated are nominal