



Magnetic to Electronic Ballasts Upgrade Kit

Issue/Date:	December 7, 2016	Bulletin Number:	AQ062316_RevF
Subject:	Electronic Ballast upgrade Kit	Product Line:	Aquafine
Topic:	Magnetic to electronic ballast upgrade.		

Dear Aquafine Customers:

The purpose of this product bulletin is to inform you that Aquafine Corporation has qualified new electronic ballasts to replace magnetic ballasts used in discontinued products. Magnetic ballasts are now obsolete and are replaced with electronic ballasts with no effect on performance. This change is mandated by Department of energy (DOE) for restriction on the usage of magnetic ballasts.

Department of Energy (DOE) Restrictions on magnetic Ballasts

The Department of Energy (DOE), under 10 CFR Part 430, mandates November 14, 2014 as the last day for the manufacture or import of electromagnetic ballasts that do not meet the minimum BLE (ballast luminous efficiency) level as set forth in the DOE regulation. This regulation affects many electromagnetic fluorescent types of ballast that operate rapid start lamps, instant start lamps and high output lamps, as well as sign ballasts that operate high output lamps.

While this restriction forced our ballast manufacturers and suppliers to stop manufacturing and importing the magnetic ballast after November 14, 2014, the magnetic ballasts in inventory can be sold until the stock is depleted. We have depleted all inventories of magnetic ballasts and have qualified alternative electronic ballasts.

Product Lines Affected

None. No Aquafine current active products use any type of magnetic ballasts.

Solution

Aquafine has developed an electronic ballast conversion kit, which will convert the magnetic ballast to electronic ballast with slight modifications to the existing wiring and in some cases, an adapter plate.

Note:-

Effective June 30, 2016 or depletion of remaining stock (whichever comes first), Aquafine will no longer be able to supply magnetic ballast.

Applications Notes

Due to differences in wiring architecture between magnetic and electronic ballast systems, multiple magnetic ballast systems will require a complete replacement of all ballasts and wiring. Please contact Aquafine for more details.



Ballasts replacement guide:

Product	MAGNETIC		ELECTRONICS	
	120V	240V	120V	240V
SP-1	3318	4131	52205	
SP-2	3910	4134	52205	
DW-5	18855	40447	52076	
DW-8	4035	3493	16518-1	
DW-300	18855	N/A	52076	
SL-1	4035	3493	16518-1	
SL-10A	4035	3493	52076	
CSL/RBE/SCD/MP2	3354	4125	16518-1	

Magnetic to Electronic upgrade kit

SMALL BALLAST UPGRADE KIT		
Model No	120 Volt P/N	240 Volt P/N
SP-1	52405-1	52405-1
SP-2	52405-2	52405-2
DW-5	52349	52349
DW-8	52363	52363
SL-1	52332	52332
SL-10A	52397	52397
MP-2-SL	18514	18514-1
CSL BALLASTS UPGRADE KIT		
Model No	120 Volt P/N	240 Volt P/N
CSL-4R	17333	17333-1
CSL-6R	17334	17334-1
CSL-8R	17335	17335-1
CSL-12R	17337	17337-1
CSL-8R/60	17335	17335-1
CSL-10R/60	17336	17336-1
CSL-12R/60	17337	17337-1
CSL-24R	17659	17659-1
CSL-16R/60	17660	17660-1
CSL-20R/60	17661	17661-1
CSL-24R/60	17659	17659-1
RBE BALLAST UPGRADE KIT		
Model No	120 Volt P/N	240 Volt P/N
RBE-4R	17328	17328-1
RBE-6R	17329	17329-1
RBE-8R	17330	17330-1
RBE-12R	17332	17332-1
RBE-8R/60	17330	17330-1
RBE-10R/60	17331	17331-1
RBE-12R/60	17332	17332-1
RBE-24R	16719	16719-1
RBE-16R/60	16720	16720-1
RBE-20R/60	16721	16721-1
RBE-24R/60	16719	16719-1
SCD BALLASTS UPGRADE KIT		
Model No	120 Volt P/N	240 Volt P/N
SCD-600	18206	18206-1
SCD-700	18207	18207-1
SCD-1000	18208	18208-1
SCD-1200	16718	16718-1

Notes: -

1. Magnetic to electronic ballasts retrofit is only a onetime change. After installing the retrofit kits, electronic ballasts can be replaced individually. Electronic ballasts replacement part number for standard lamps is P/N 16518-1
2. Electronic ballast should not exceed 15 feet of conduit length.

Assistance

If you require technical assistance or have any comments, please contact your authorized Aquafine distributor. For contacting Aquafine directly, you can reach us at www.aquafineuv.com/contact