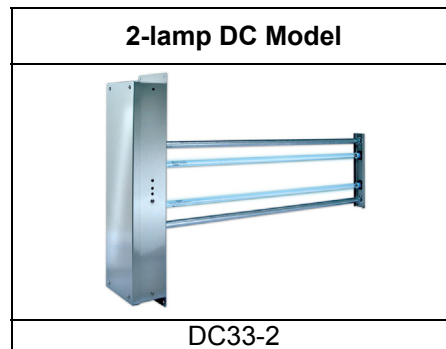
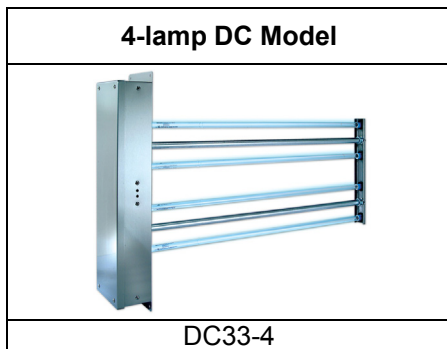


DC - DUCT CLEANERS SPECS

Tested and proven performers, DC consist of High Output ultraviolet lamps, ballast and accessory assembly, providing architects and engineers with a complete unit to meet all requirements. The units are manufactured in different series for commercial and industrial installations. All series include 2- and 4-lamp voltage specific units for 120/277V, 60Hz or 220V, 50Hz. Individually or in combination with like units and/or High Output Utility Fixtures (UFHO), they adapt to HVAC systems.

The units can be installed during or after construction by cutting a small hole in the duct wall for lamp insertion and fastening the transformer section to the exterior wall surface. The DC mounting surface features an airtight gasket. A simple support bracket is available for large plenum chambers.

The High Output DC units play an important part in preventing the spread of indoor airborne infections. Tests reveal that disinfected indoor air can have a microbial count lower than that of outdoor air. DC units have been proven necessary in food plants, pharmaceutical production, hospitals, laboratories and government buildings.



All DC models use SBL high output UV lamps with effective life of 17,000 hours.

Application:

- DC45 Series** - Large Duct Heavy Commercial, Industrial Installations
- DC33 Series** - Large Duct Commercial, Industrial Installations
- DC24 Series** - Medium Duct Commercial, Light Industrial Installations
- DC16 Series** - Medium Duct Light Commercial Installations
- DC14 Series** – Small/Medium Duct Light Commercial Installations

Custom-Designed Grid Units can be fabricated to suit any special requirement. Our Engineering Division will be glad to cooperate in their development. We can design and fabricate any unit to your requirements. An example of our large, semi-custom unit is pictured here. It consists of 16 lamps on a grid 4 feet square by 18 inches deep. Unlimited modular combinations are available in semi-custom designs.

Optional Lamp Monitoring

The tube guards electrically monitor each lamp's output. A remote panel alerts personnel to early lamp failure. Each lamp requires one tube guard.



DC DUCT CLEANERS PRICES

The High Output DC units attach to air ducts. DC units are constructed of high grade stainless steel, utilizing two or four high output germicidal lamps. These fixtures are available in 120/230/277V, 50/60Hz. **Please, specify voltage when ordering.** SBL germicidal lamps are effective for 17,000 hours.

DC Model	Description	UVC Watts	UVC Intensity* μW/cm ² @1m
	Duct Cleaner - 14" insertion		
DC14-2-120/230/277	Two high output lamps	17	198
DC14-4-120/230/277	Four high output lamps	34	396
SBL410	14" high output replacement lamp	8.5	99
	Duct Cleaner - 16" insertion		
DC16-2-120/230/277	Two high output lamps	20	234
DC16-4-120/230/277	Four high output lamps	40	468
SBL430	16" high output replacement lamp	10	117
	Duct Cleaner - 24" insertion		
DC24-2-120/230/277	Two high output lamps	32.4	378
DC24-4-120/230/277	Four high output lamps	64.8	756
SBL415	24" high output replacement lamp	16.2	189
	Duct Cleaner - 33" insertion		
DC33-2-120/230/277	Two high output lamps	50	544
DC33-4-120/230/277	Four high output lamps	100	1,088
SBL420	33" high output replacement lamp	25	272
	Duct Cleaner - 45" insertion		
DC45-2-120/230/277	Two high output lamps	72.2	760
DC45-4-120/230/277	Four high output lamps	144.4	1,520
SBL445	45" high output replacement lamp	36.1	380
	Options		
TBG070	Tube Guard indicator-UV lamp electrically operating-per ballast 120V		
TBG070 220	Tube Guard indicator-UV lamp electrically operating-per ballast 220V		
	High Output Ballasts		
TXG270	120V Ballast for 2 SBL405,430,415 or 1 SBL420,445 lamps		
TXG275	230V Ballast for 2 SBL405,430,415 or 1 SBL420,445 lamps		
TXG280	277V Ballast for 2 SBL405,430,415 or 1 SBL420,445 lamps		

* Specified UV intensity measured at 45° F at 400FPM air flow.

For calculating the number of DC fixtures needed for an installation please use Duct-Calculator Excel calculator provided on your CD. You can request the Excel calculator or technical support at 888-378-4892 or sales@americanairandwater.com