



UV Ozone Lamps for ECOLOGY Units RL-03 Series



UL UL Listed Ballast
U.S. Made Lamps



Ozone is produced by UV lamps without the Titanium Dioxide coating that attenuates frequencies lower than 200 nanometers. At the 187 nm line, it breaks to form two unstable O which in turn fuse with another O₂ to form O₃. Ozone is a powerful oxidant and an extremely effective germicidal agent which destroys organic molecules in the air. It has a very short lifespan and in ambient temperatures, it will last 20-30 minutes before it returns to normal oxygen O₂. UV Ozone is a very effective method for eliminating unwanted odors.

RL-03 series is designed for UV ozone Lamps to be installed in the Ecology unit, but with the ballasts, Indicator lights and on/off switch housed in separate Control Panel installed on the outside of the Ecology Housing. This way, the ballasts and LEDs monitor the lamps operation. On/off switch makes it safe for maintenance

Specifications:

Control Panels are factory assembled with the relevant number of ballasts and all the necessary connectors, switches and LEDs.

Other components are lamps, 3 meter wire harness complete with 4 pin socket and lamp-to-socket silicon seal and stainless steel clips.

Lamps are High Output type, 33" (846mm) T5, 4 pins, single ended. Lamp life is 13,000 hours of continuous use with no more than a 20% output loss.

Lamp's output is 75 Watts, and recommended application is 2500CMH per lamp max. More lamps may be used if desired.

The housing is made of mild steel powder coated.

Lamps to be attached to the stainless steel clips affixed to a skeletal frame to be constructed in the Ecology housing. Skeletal frame is not included as it is dependent on size of ECOLOGY unit.

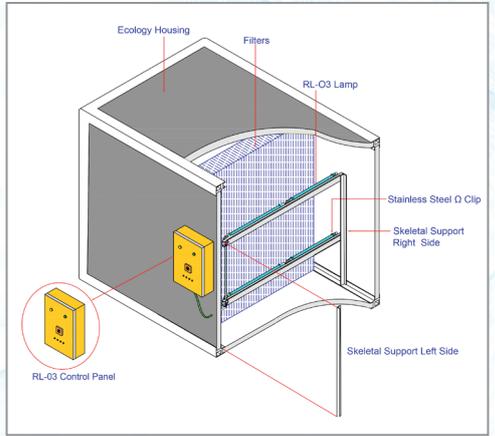
UL listed ballast is High output instant start type.

AC input is 220-240 AC. Ambient temperature at -20 to 40 Deg C.

Special silicone lamp-to-socket seal protect lamp terminals from condensation, if any.

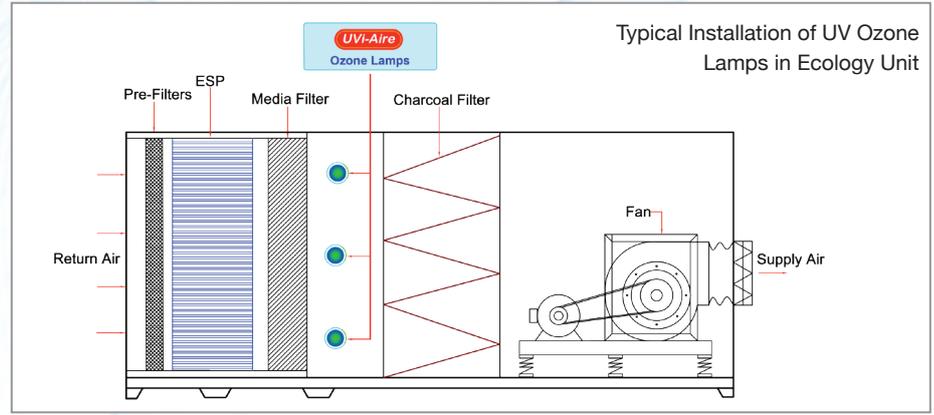
Model No:	CONTENTS			
	Control Panel	No. of Lamps	Wire Harness	SS Clips
RL-03x1	1	1	1	2
RL-03x2	1	2	2	4
RL-03x3	1	3	3	6
RL-03x4	1	4	4	8
RL-03x5	1	5	5	10
RL-03x6	1	6	6	12
RL-03x7	1	7	7	14
RL-03x8	1	8	8	16
RL-03x9	1	9	9	18
RL-03x10	1	10	10	20

Standard Lamp length is 33" (846mm). Shorter Lamp Length of 22" (546mm) is available at similar price. Models of more than 10 lamps available on request.



Features & Benefits

- Quick and Easy Installation
- Low Cost of Ownership
- No pressure Drop
- Easy Maintenance
- Controls and indicator LEDs outside



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