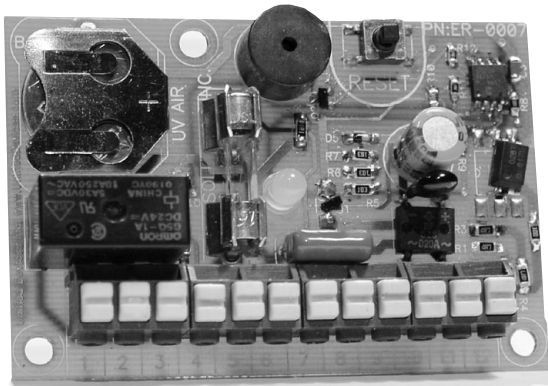


UVLampMonitor

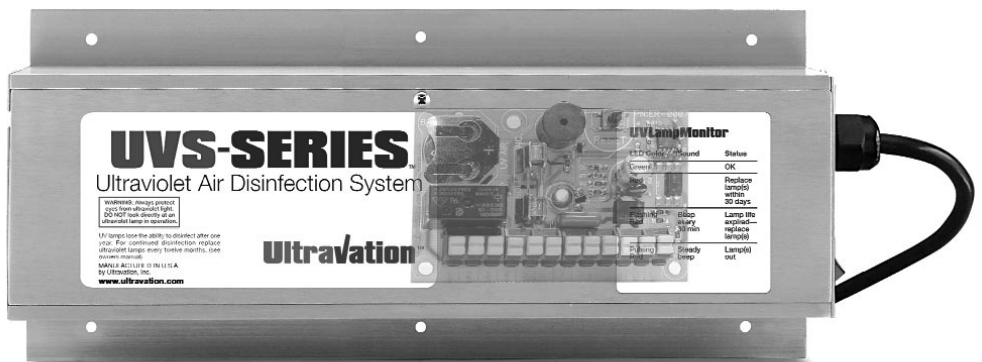


The only microprocessor controller for residential ultraviolet air disinfection equipment

Ultraviolet is a well proven disinfection method and plays an important role in improving indoor air quality. The action of UV disinfection is invisible and odorless. Therefore special consideration should be made to inform the consumer if a problem occurs, as well as when to change the lamps. It can be vitally important—especially those with high allergic sensitivity to mold—to keep the system running optimally and to prevent an impression that the air disinfection system is working when in fact the lamps may be expired. The UVS series is the only UV equipment that has built in, the UVLampMonitor™. It is an automatic, microprocessor controlled monitor that solves these issues by electronically tracking UV performance, and providing the consumer with the information needed to keep the UV system running at its best.

- **Lamp replacement**

UV lamps lose enough of their invisible disinfection power after about 9000 hours, so that the HVAC system could be receiving a less than adequate UV dose. However, the lamps may light visibly for many hours beyond this point. The UVLampMonitor™ solves this problem through an audible and visible alert system that warns the user 30 days prior to lamp expiration (see UVLampMonitor™ alert conditions on the right).



The UVLampMonitor™ is found on all UVS series models assuring the consumer that the air disinfection system is operating as installed and informing the user and service personnel whether maintenance or service is required.

- **On-board 10 year Lithium-ion battery backup**
The system won't lose track of the lamp life, even if the power goes out. The lamp life monitor is reset manually when lamp changes are made.
- **Signals lamp out condition**
If a lamp should go out, the monitor emits a different, more urgent alarm, both visually and audibly.
- **UVLampMonitor alerts:**
 - Green LED—OK
 - Red LED—Replace UV lamp(s) within 30 days
 - Flashing Red with beep every 30 minutes—lamp life expired, replace lamps
 - Pulsing Red with steady beep—UV lamp(s) out, immediate service required