



## Safety Features

EPL UV-KLEEN product line uses multiple safety features to protect your investment and personnel. The safety features are primarily divided into 1) electrical, 2) radiation, and 3) handling.

**Electrical:** UV-KLEEN product line complies with local and international UL safety standards. Established in 1894, UL is instrumental in setting up the safety standards that prevent fire, electric shock, and damage to the load and the personnel. Complying with the most recent published UL standards, UV-KLEEN is safe to operate in residential, commercial, automotive, and industrial facilities.

**Radiation:** UVC is harmful radiation when the bulb is exposed to the human eye/skin. UV-KLEEN uses various safety features to limit UVC radiation from being exposed to the air. PRK uses sensitive motion sensors and a timer that shuts off the unit when personnel accidentally enter the disinfecting area and/or shuts down when the timer runs off. RAV and TAK units are equipped with double baffles on the top of their fixture, ultimately limiting the UV light inside the fixture. TAK additionally has a TiO<sub>2</sub> layered filter that further objects to the UV light being exposed. With these additional safety features, all UV-KLEEN units are incredibly safe to operate in any environment.

**Handling:** The Lamps are made of Quartz and contain a small amount of Amalgam (solid mercury) isolated for easy and safe recycling like any regular lamps. In the event of lamp breakage, the glass/quartz material is not hazardous and requires no-special handling. The Amalgam needs to be retrieved and recycled like a CFL meeting local, state, and Federal safety and EPA regulations. Please visit [search.Earth911.com](http://search.Earth911.com) to find your nearest waste disposal location. The fixture itself is made up of durable stainless steel that can take decent wear and tear. The units will not function if the fixtures are vandalized or severely damaged.

All the UV-KLEEN products are extremely safe to operate in residential, commercial, automotive, and industrial applications with all the above-listed safety features.