

High-output, Low-mercury “Green” UVC Lamps Now Available

American Ultraviolet is proud to introduce a high-output (800mA), low-mercury (≤ 8 mg) UVC lamp for disinfecting air and water in commercial and residential environments. These easy to dispose of “green” lamps, which are also available as standard output (425mA) lamps, have been tested and validated to effectively perform for 17,000 hours (two years) when operated on high frequency electronic ballasts from American Ultraviolet Company.

Meredith Stines, President and CEO for American Ultraviolet, stated “specifiers and facilities engineers have requested a low-mercury UVC lamp that can be disposed of in normal land fills without being treated as hazardous waste.” Mr. Stines continues, “though previously available as soft-glass germicidal standard output (425mA) lamps, we now can offer our customers low-mercury

(≤ 8 mg), high-output (800mA) lamps, which are considerably more effective at quickly cleaning up mold-laden and fouled coils, thus increasing HVAC operating efficiency and equipment life, and, of course, improving indoor air quality through pass-by disinfection of airborne viruses and bacteria.”

High-output, low-mercury UVC lamps are available for numerous germicidal products from American Ultraviolet, including the CC, CC-R, DC, TB, and Mobile Room Disinfection Series commercial units as well as the Sapphire™ and Eliminator RPT Series residential units. UVC Germicidal Lamps from American Ultraviolet provide safe, direct exposure to 254nm UVC radiation, which, when given appropriate exposure time, inactivates the DNA and RNA of microorganisms (bacteria, viruses, mold spores, yeast and protozoa), making them unable to reproduce.

