

Joliet HVAC Company Introduces UV Germicidal Irradiation

Heather Weber September 05, 2017



PDM Furnace UV Light Installations for Air Quality

PDM Plumbing, Heating & Cooling sells and installs commercial UV germicidal irradiation systems to reduce or eliminate airborne contaminants and odors.

([Newswire.net](#) -- September 5, 2017) Joliet, IL -- PDM Plumbing, Heating & Cooling has been coming up with solutions for the problems experienced by its residential and commercial

customers for 132-years by offering quality products, superior craftsmanship and unsurpassed reliability. Indoor air quality is a problem it is currently addressing for many of its customers with commercial HVAC in Illinois and resolving with the latest in air quality technology.

“Air handler coils in commercial buildings are breeding grounds for mold,” according to a spokesman for PDM Plumbing, Heating & Cooling. “Mold and airborne diseases, such as influenza and the common cold, are spread throughout a building by otherwise-properly functioning ventilation systems. We offer solutions that address these and other issues building owners and managers have with air quality.”

An ultraviolet germicidal irradiation light can be installed in HVAC air handlers or in ducts. Air circulating through irradiated zones created by the lights comes out cleaner when airborne bacteria, viruses and other pathogens that are harmful to people are killed. It can be used in offices, restaurants, medical centers, retail stores, schools, government buildings and other types of commercial structures. While other companies focus only on proper ventilation, PDM Plumbing, Heating & Cooling understands the importance of also addressing indoor air quality.

Technology to improve [air quality](#) is not limited to only one or two installation options. PDM technicians and air quality experts have solutions that solve the problem at its source. Installing a furnace UV light in Joliet IL sterilizes coils to destroy and prevent the growth of mold. A properly installed and maintained UV light system also addresses health issues caused by volatile organic compounds.

VOC's are airborne as gases originating from cleaners, paints, furniture, disinfectants and other chemicals commonly found in commercial buildings. UV-light systems reduce the levels of VOCs to improve the quality of indoor air. When UV-light systems are combined with titanium dioxide and activated carbon, harmful VOC molecules are neutralized and absorbed. The result is cleaner air in commercial environments and fewer complaints of irritated eyes, noses and throats from building occupants.

An added benefit of a clean-air system installed by a Joliet commercial plumbing heating air conditioning service is improved energy efficiency. [Commercial property](#) managers can expect to experience lower energy bills and reduced maintenance costs.

This ultraviolet germicidal irradiation service is available for commercial companies throughout the southwest suburbs of Illinois. Visit the PDM Plumbing, Heating & Cooling website at www.pdmsince1885.com for further information or call 1-815-726-6264 to speak with a representative.

About PDM Plumbing, Heating, Cooling

PDM Plumbing, Heating & Cooling has assembled an award-winning team to continue offering residential and commercial customers in Joliet and nearby communities superior HVAC services and equipment. The company's commitment to its customers dates back to its founding in 1885 and includes a customer satisfaction guarantee on all work.

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