Action Air Duct Introduces Advanced Filtration Technology for Colorado Wildfire Season

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DENVER, CO - January 30, 2026 -
Action Air Duct, a Denver-based HVAC cleaning specialist, has introduced advanced HEPA filtration technology and specialized cleaning protocols to address microscopic wildfire smoke particles that infiltrate residential and commercial ductwork throughout Colorado.

The company has implemented new equipment capable of capturing particles as small as 0.3 microns, addressing the increasing prevalence of wildfire smoke contamination in HVAC systems across the Denver metro area. The technology deployment follows recent wildfire seasons that have deposited ash and smoke particles in thousands of Colorado homes.

"Wildfire smoke particles measure significantly smaller than standard dust particles," said Tamir Bachner, founder of Action Air Duct. "Our new filtration systems utilize negative pressure technology combined with HEPA filters to capture these microscopic contaminants that traditional cleaning methods cannot reach."

The introduction of this technology responds to data showing that indoor air pollution from trapped smoke particles can persist at elevated levels for months after wildfire events. Colorado homes that operated HVAC systems during smoke events often retain these particles deep within ductwork, where they continue circulating through living spaces.

Action Air Duct Cleaning has integrated video inspection technology to identify specific accumulation points within duct systems. The inspection process reveals contamination patterns that vary based on system design, usage patterns, and proximity to wildfire zones.

The company's technicians now undergo specialized training on altitude-related factors that affect particle behavior in Colorado's unique environment. At higher elevations, air pressure differences and lower humidity levels cause particles to behave differently than at sea level, requiring adjusted cleaning approaches.

"Professional duct cleaning can reduce airborne particulates by up to 80 percent according to industry studies," added Bachner. "This reduction becomes particularly significant for households with children, elderly residents, or individuals with respiratory conditions."

The new protocols extend beyond wildfire contamination to address Colorado's broader air quality challenges. The state's dry climate accelerates dust accumulation, while extreme temperature variations between seasons create condensation that can foster bacterial growth within ductwork.

The technology implementation includes antimicrobial application systems designed to prevent future contamination. These treatments create protective barriers within cleaned ductwork, reducing the likelihood of bacterial and mold growth between service intervals.

Colorado's construction boom has created additional air quality challenges, with construction dust and debris frequently entering HVAC systems. The new cleaning technology addresses these particles alongside naturally occurring allergens such as pollen and pet dander.

The company has documented cleaning results showing significant particulate reduction in systems serving various property types, from single-family homes to commercial buildings. Video documentation before and after cleaning demonstrates the technology's effectiveness in removing accumulated contaminants.

Action Air Duct is a family-owned company established in 2014, serving the Denver metro area and surrounding Colorado communities. The company specializes in residential and commercial air duct cleaning, dryer vent cleaning, and HVAC maintenance services. The company maintains NADCA certification standards and employs technicians trained in the latest cleaning technologies for Colorado's specific environmental conditions.

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For more information about Action Air Duct, contact the company here:Action Air DuctTamir Bachner720-257-3319tamir@actionairduct.net100 Fillmore St Suite 563Denver, CO 80206

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Website: https://actionairduct.net/

Email: tamir@actionairduct.net

Phone: 720-257-3319

