

# INDUSTRIAL & COMMERCIAL AIR DUCT CLEANING FAQ's

Professional Answers to Customer Questions

# Why do I need my building's air ducts to be cleaned?

- ▶ **To save money:** Poor indoor air quality has been linked to Sick Building Syndrome, an illness that costs companies over \$60 billion each year.
- ▶ **Employee and occupant wellness:** Research studies have shown that over 75% of people reported one or more work-related symptom of Sick Building Syndrome at least one time per month.
- ▶ **HVAC Efficiency and Longevity:** Having air ducts cleaned, prevents dust, debris and other contaminants from reaching a building's HVAC system, which in result, allows the HVAC unit and its filters to better circulate air throughout the building.

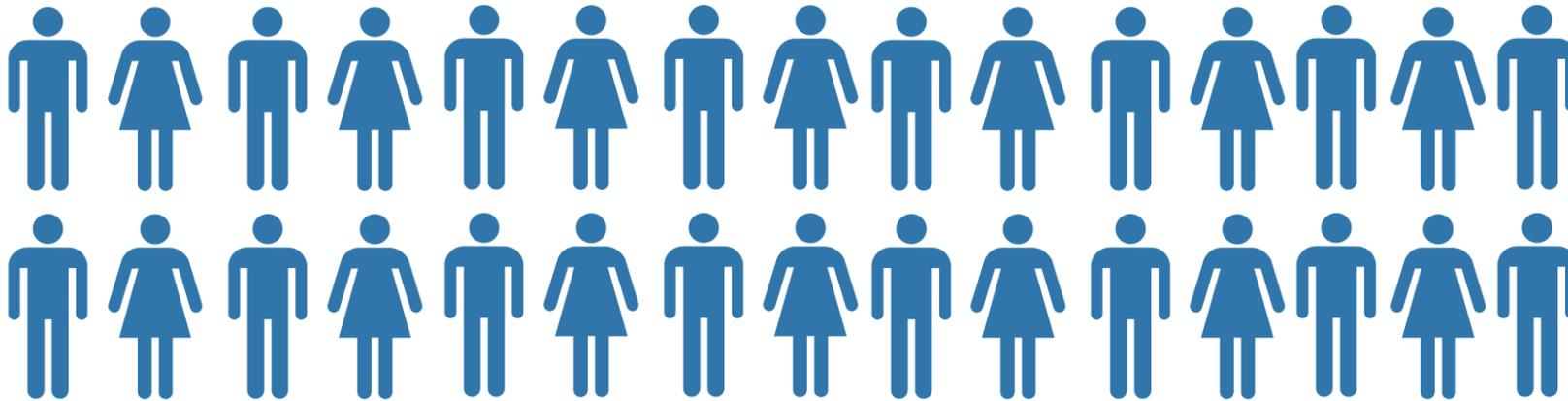
# How can I tell if my building's air ducts need to be cleaned?

## Indoor Air Quality Audit

- ▶ Using an experienced IAQ technician to perform a preliminary audit can determine a building's IAQ needs.
- ▶ During an audit, a visual inspection and samples of the air may be taken and sent to a laboratory for analysis where airborne contaminants are identified. This allows a trained technician to determine the best method for solving a building's IAQ problems.

# DID YOU KNOW?

- ▶ More than 1.7 million people are affected by healthcare-associated infections (HAIs), resulting in over 90,000 deaths, according to the CDC.



# What causes indoor air contaminants in facilities?

- ▶ There is a variety of ways dust, debris and other impurities circulate into a building's IAQ.
  - ▶ Outdoor contaminants can enter a facility through return inlets near doorways, loading docks, open windows and additional areas.
  - ▶ Construction and renovation areas produce dust and other impurities can enter ducts.
  - ▶ Filters in HVAC units can also allow airborne contaminants to circulate throughout a facility if they were installed incorrectly, have excessive build-up, are not properly maintained and more.

# How frequently should my building's air ducts cleaned?

- ▶ It is recommended to have duct work inspected annually, however, cleaning frequency can vary significantly. Determining how often your building should be serviced depends on a variety of factors: if the facility is industrial or commercial, building occupancy and more.
- ▶ According to the NADCA ACR 2013 HVAC Cleanliness Inspection Schedule, the air handling unit, supply duct, return and exhaust ducts for commercial, industrial and healthcare facilities should be inspected each year.
- ▶ An initial inspection is recommended to determine your facility's duct cleaning frequency.

# DID YOU KNOW?

- ▶ Indoor air quality can be up to 70 times more polluted than outdoor air, according to studies conducted by the EPA.



# Who professionally cleans industrial and commercial air ducts?

- ▶ It is highly recommended to choose a company with NADCA certified Air Systems Cleaning Specialists (ASCS) on staff. NADCA has strenuous requirements for an ASCS, such as: passing the NADCA Certification Exam, demonstrating extensive knowledge in HVAC design and cleaning methodologies, continuing industry education and more.
- ▶ Carolina Filters offers industrial and commercial duct cleaning and other IAQ services throughout the southeast. Our team of certified technicians are professionally trained to clean ducts with precision and provide the highest quality of service.

# About Carolina Filters

- ▶ Since 1968, Carolina Filters has improved customers' indoor air quality throughout the Appalachian Valley, Southeast and Caribbean.
- ▶ Carolina Filters has performed IAQ services in tire manufacturing facilities, polymer & synthetic fiber manufacturing facilities, military bases and vessels, hospitals & other healthcare facilities and a variety of commercial spaces.
- ▶ Our team offers the latest in products and technologies to provide clean air for your employees, customers, patients and other occupants, while minimizing your air handling systems' power usage.