

emerald

Cleaning | Maintenance | Restoration





HVAC DUCT CLEANING SERVICES

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- Improves the indoor air quality as per standards.
- Prevents from Mould Build-up and accumulated dust.
- Creates a cleaner & Hygienic living environment
- Reduces allergens & irritants.
- Help everyone breathe easier.
- Removes unpleasant smells and odours.
- Improves airflow efficiency.





WHY CLEAN AIR DUCTS?

- Indoor Air Quality (IAQ) • Energy Efficiency • Air Velocity
- Equipment Longevity • Temperature • Air Movement
- Relative Humidity • Health & Safety

WHO WILL AFFECT THIS?

- People with dust allergy/ airborne allergies
- Newborn babies • Elderly people over 45 • Young children

KEEP YOUR EMPLOYEES & CUSTOMERS HEALTHY WITH CLEAN AIR

- By working to keep your air ducts free of dirt and dust, we are your best source for commercial air duct cleaning. We have a history of cleaning many different commercial buildings, such as:

MANUFACTURING FACILITIES

- Local Businesses • Restaurants • Retail Stores
- Hospitals • Schools • Offices



SCHOOLS

- Technical & Environmental Benefits of Air Duct Cleaning
- Less Energy Costs
- Longer HVAC System life
- Natural air circulation
- Increase Teachers & Student performance
- Better Learning Environments
- Control of Air borne pollutants

OFFICES

- Building environmental hazards
- Feeling tired in office
- Lighting
- Indoor Contaminants
- Sensitivity of the occupants
- Stress
- Attitude about the job & working conditions
- Change in work location & crowding

HOSPITALS

DISADVANTAGE OF UNCLEARED AIR DUCT

- Mold Circulation
- Spread of Bacteria
- Dust Build-up
- Increased Contamination
- Higher HVAC Costs
- Poor or Inadequate ventilation
- Water Borne Pathogens

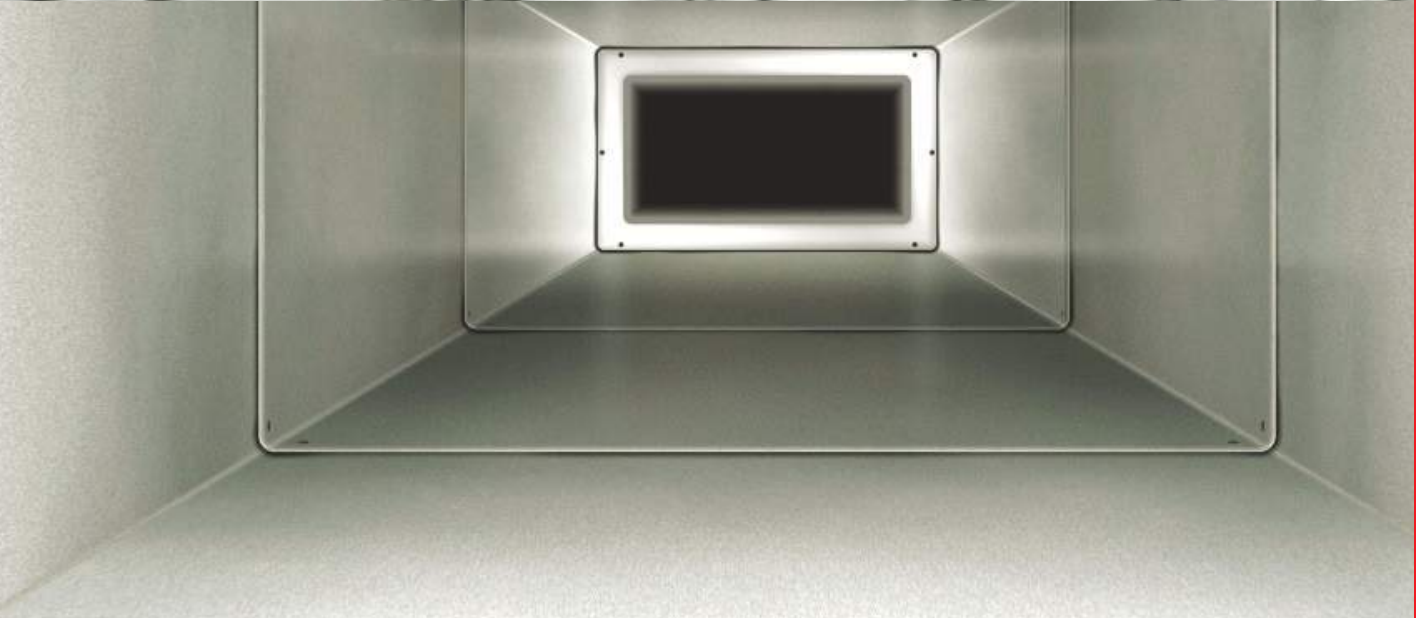
ADVANTAGES OF HOSPITAL AIR DUCT CLEANING

- Provide clean & hygienic environment
- Consistent indoor air quality
- Controlled air quality as per standards



BENEFITS OF RESIDENTIAL HVAC CLEANING

- Creates a cleaner living environment: reduces the dust in living space
- Reduces allergens & irritants: These include pet dander, bacteria, pollen, mildew, mould spores, and similar toxins
- Help everyone breathe easier: Even if no one in your household suffers from chronic allergies or respiratory problems
- Cleaner air makes it easier for everyone to breathe
- Removes unpleasant smells and odours: Pet dander, household dirt, paint fumes, mould, tobacco smell
- Improves air flow efficiency & Quality





KITCHEN DUCT CLEANING

WHY SHOULD YOU HAVE YOUR RESTAURANT'S KITCHEN HOOD CLEANED?

- A high flame either flares up or is created on the stove top.
- The flame comes in contact with the filters located in the kitchen hood and they are ignited.
- With the exhaust fan on drawing in air, the flames are also drawn upward in to the ductwork
- If sufficient grease residue exists within the ducts, it can act as a source of fuel, carrying the fire further in to the exhaust system causing significant damage.

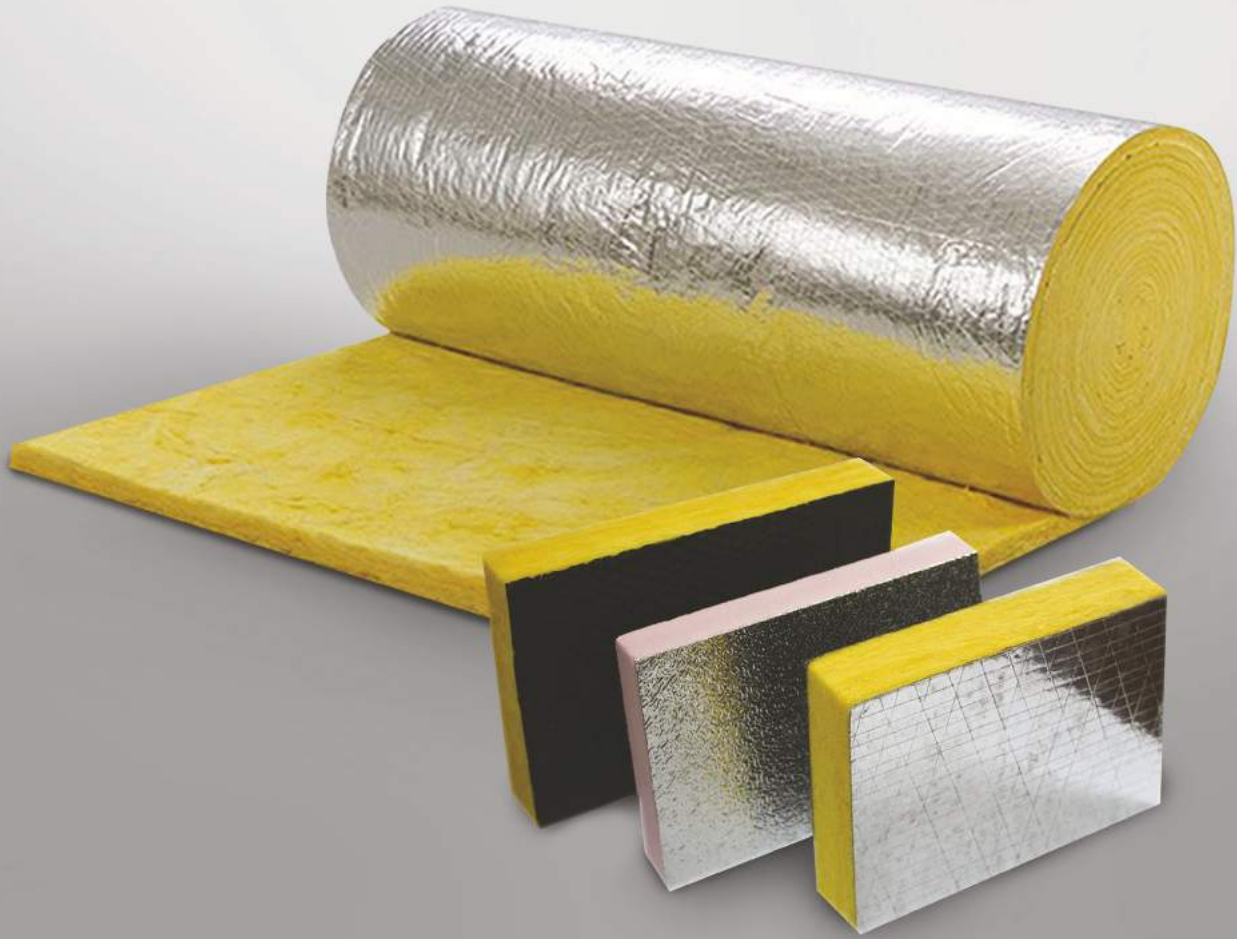
BENEFITS OF KITCHEN DUCT CLEANING

- Keep Your Business Open • Help Reduce the Risk of Fire
- Help Promote Cleaner Indoor Air • Making Your Kitchen Professional
- Keeping Your Machines Running Efficiently
- Keep Your Kitchen Clean and Employees Safe
- Build hygienic environment

HVAC DUCT INSTALLATION & RESTORATION

- Efficient Indoor cooling and clean air.
- Reduces energy cost by restoration of ducts.
- Improves the performance of air-conditioning system.
- Reduces maintenance costs.
- Improves quality of indoor air.
- Protects indoor equipment from excessive heating.
- Maintains hygienic and comfortable environment to live.





HVAC DUCT & PIPE INSULATION

- A well-insulated Air duct & pipework system will reduce on running costs and save ultimately on maintenance.
- Controlled Temperatures.
- Energy conservation.
- Controlled Condensation.
- Durability and Integrity.
- Reduces Noise Transmitted Indoors.
- Prevents Formation of Mould and Fungus.

HVAC DUCT & PIPE CLADDING

- HVAC ducts & Pipes Cladding is recommended for all types of Commercial & Residential Sectors.
- Improves resistant to weather, UV rays, chemicals, and mould growth.
- Excellent resistance to water vapour permeability.
- Protection of external ducts & exposed piping systems from extreme climate changes.
- Improves cooling performance of the system.
- Improves the durability of Pipes, Ducts & Insulations.
- Reduces Energy Costs of the system.

ANTI-CORROSIVE COIL COATING

Coils play a vital role in improving efficiency of HVAC systems, so it is mandatory to protect them from corrosion-causing elements like water, acids, salts, and chemicals. Anti-Corrosive Coil Coating protects coils from various such factors.

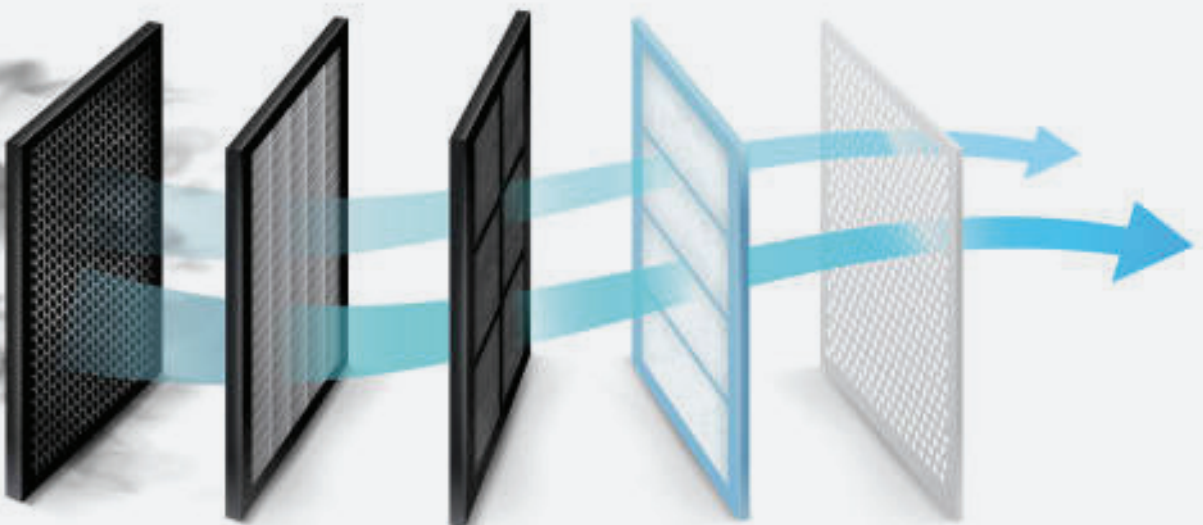
- Prevents from Corrosions.
- Prevents from minor leaks on the coils.
- Protects coils & fins from salts present in air.
- Protects from scaling on the coils.
- Optimizes surface temperatures.
- Repels water accumulation, fungal and bacterial growth due to condensation.
- Increases equipment life.



AIR FILTER SUPPLY & INSTALLATION

Its basic function is to clean the air from dust and dirt that affects the comfort and health.

- Increases the air quality by purifying conditioned air.
- Increases the durability of air conditioning units.
- Saves interior space from dust and minute particulates.
- Removes unpleasant fragrances from indoors.
- Improves your comfort levels during sleep.
- Improves overall performance of system and air quality.





BOILER INSULATION & CLADDING/ALUMINIUM JACKETING

Boiler is a main operating element of thermal power plants and a main source of heat in generating steam.

Surface temperatures can be controlled from Insulation process.

Performance of system can be improved.

Heat energy losses to surroundings can be reduced.

Premature failures of steam-system components can be reduced.

Process of condensation due thermal conduction can be reduced.

HVAC DUCTS-AIR BALANCING

- Air balancing provides controlled and efficient circulation to all zone in a system
- It decreases hidden energy costs.
- Consistent Airflow through ducts results in longer durability of System
- It ensures excellent human comfort levels.
- It ensures exact airflow parameters required in each zone as per design standards.
- It ensures efficient air circulation to all the zones.
- Reduces foul odours, dust particles, and other allergens causing discomfort.
- Perfectly Air balanced system improves indoor air quality.
- Durability of the system and its components can be improved.
- Improves Positive air pressure during the circulation of air.
- Overall it ensures healthy indoor environment and achieves human comfort levels.



OUR CLIENTS



VOLTAS

HBK
Contracting Co. W.L.L.





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