



Our clients:



PGE Energia  
Odnawialna S.A.



Elektrociepłownie Wybrzeże  
Spółka Akcyjna  
Grupa EDF



Air duct cleaning leader



# About Us

As one of a few companies in Poland, Euro Clean-Air Company provides complex services within the scope of inspection, cleaning and maintenance of ventilating and air conditioning systems. Our goal is to ensure health, safety and comfort for people, who spend time in office buildings and in the public service objects.

Several years of experience allows us to prepare optimal solutions with regard to client's needs, whereas a professional team of experts as well as the use of the most modern devices allow us to execute the most complex services.

## Our offer encompasses:

- cleaning of ventilating systems
- cleaning of air conditioning systems
- modernization and regulation of ventilating systems
- conduction of microbiological examinations
- preparation of documentation in the form of photos and video movies
- utilization of dangerous waste material
- project design and modernization of ventilating systems
- filter replacement and validation
- technical assistance

## Duct cleaning

The majority of people spend 80-90% of their time in closed rooms. Dust, microorganisms, residues of building materials and other contamination may contribute to the fact that air supplying ducts change into the sources of dangerous substances harmful for the health of people, who spend their time in such buildings. Apart from health and hygienic problems, the contamination of ventilating installation may result in an increase of energy consumption as well as increase of the risk of corrosion. For this reason, every installation has to be encompassed with the program of quality maintenance, that is the execution of periodical control and cleaning processes.

### Inspection

The state of contamination of ventilating ducts may be most easily and effectively verified by the means of a controlled robot equipped in a digital camera, which allows to assess condensed contamination as well as verify the presence of such problems as steam or humidity.



### Cleaning

After conduction of assessment of the state of contamination of ventilating ducts we commence the cleaning process. We choose appropriate brushes, cleaning devices and devices, which work under pressure according to the size of ducts, their shape and the state of contamination.



### Disinfection

After the completion of the cleaning process we execute disinfection of ventilating installation, applying the means recommended by National Institute of Hygiene. Chemical agents are implemented into the ventilating ducts in the form of a "mist", spread by means of special nozzles.





## Delivery and assembly of revision flaps

Cleaning of dusts and ventilation and air-conditioning system elements should take place with the use of air-holes.

We offer delivery and installation of revision flaps having sanitary certificate and conformity declaration. Air-holes installation does not reduce durability and leak-tightness of ducts, as well as their thermal, acoustic and fire properties.



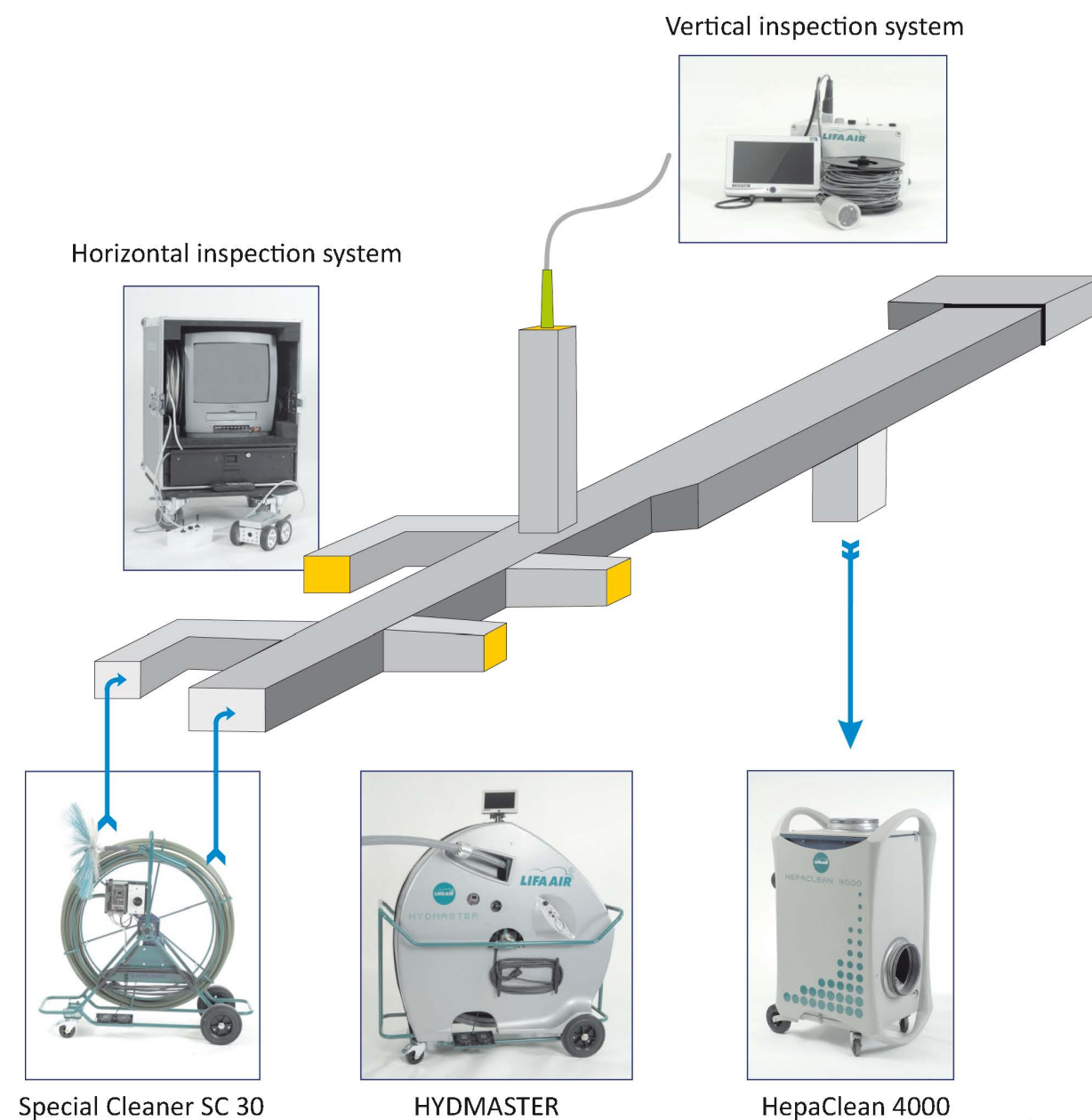
## Microbiological examinations

Our company carries out microbiological tests of ventilation and air-conditioning systems in cooperation with a certified laboratory. Our employees have a proper training in collection and transportation of samples for microbiological tests which are conducted with the use of two methods. One is based on marking of the overall amount of bacteria and fungus on the inside surface of the ventilation and air-conditioning system. The other one is based on marking of the overall amount of bacteria and fungus in the volume unit of the ventilated air.



# Technology

Experienced team of specialists and the unique cleaning technology encompassing several options as well as the use of specialist and checked equipment manufactured by the world leader – LIFA AIT Ltd. Company from Finland ensures effective and professional execution of entrusted services.





# Kitchen exhaust

The majority of dangerous accidents connected with fire in kitchen starts with the ignition of kitchen equipment. Fat fumes and other substances created as a result of cooking process accumulate on the internal and external walls of exhaust air systems, thus creating very serious fire danger. Unfortunately, many people still ignore this phenomenon. One of the reasons of such a situation results from the lack of awareness of the law regulations abiding in our country. Its provisions oblige to conduct systematic cleaning process of furnaces and exhaust air systems located on the gastronomic premises. The processes of regular cleaning and maintenance of kitchen exhaust air system constitute the most important form of protection against fire as well as protection of health and security of employees and clients.

## Technology

The process of cleaning of kitchen systems consists of the manual cleaning of hoods with the application of attested chemical agents, cleaning and carrying away of contamination cumulated in the fat ducts with the application of mechanical devices and cleaning devices working under pressure, which are chosen in accordance with the duct's qualities and the degree of contamination as well as on disinfestation with the application of means recommended by



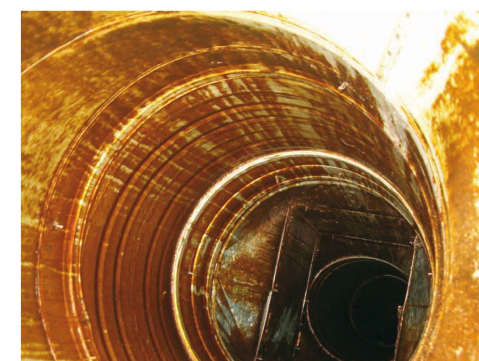
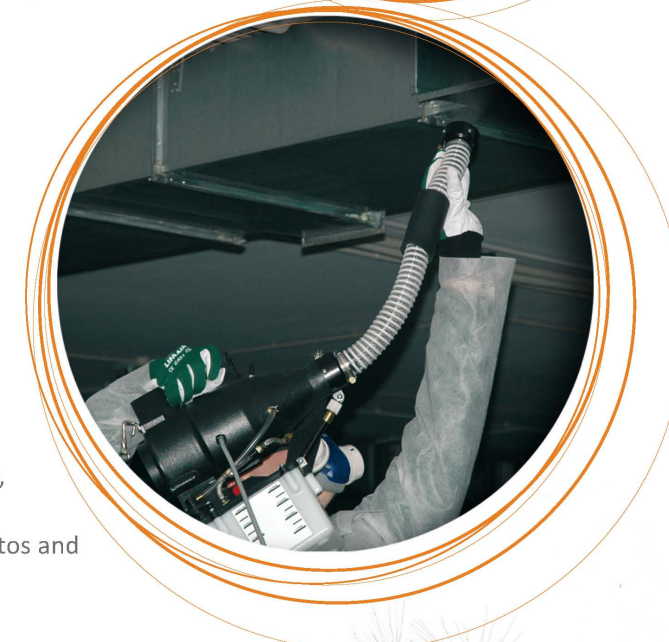
## Our offer

Below we would like to present a solution directed mainly to the owners of restaurants, hotels, bars and canteens. The offer proposed by our company concerns the execution of professional cleaning process of the kitchen exhaust air systems.

Our professionalism supported by several years of experience and co-operation with a great amount of satisfied clients every day allows us to provide You with services of the highest quality.

### OUR OFFER ENCOMPASSES:

- cleaning of the kitchen hood,
- cleaning of the air exhaust unit,
- cleaning of the fat ducts,
- disinfection of air exhaust ducts,
- measurements of the air exhaust system capacity,
- filter replacement,
- preparation of documentation in the form of photos and video movies.





# Additional services

## Efficiency tests of ventilation and air-conditioning systems

We carry out efficiency tests of ventilation and air-conditioning systems which are necessary for their proper adjustment. Measurements are conducted with the use of high-tech TSI micromanometer giving the opportunity to connect many different measuring instruments like balometr, Pitot's tube, anemometr. Measurements are made by employees having proper qualifications and training in use of measuring instruments.

## Ventilation and air-conditioning systems efficiency adjustment

Proper adjustment of ventilation and air-conditioning systems is indispensable for their accurate running. Only proper system adjustment can fulfill assumption data and guarantee adequate comfort for people staying in a ventilated room. Efficiency adjustment of ventilation systems lies on proper setting of throttles, fans and ventilators and is always preceded by system efficiency measurements. urządzenia.



## Room dusting measurements

Excessive dusting in rooms where people stay can cause bad feeling, problems with concentration, higher risk of respiratory system and skin diseases. That is why our company conducts room dusting measurements with the use of particle meter laser. During this research we measure different quantity particles. Results of this analysis are given in [mg/m<sup>3</sup>].

## Technical counselling

We offer help with design and installation of ventilation and air-conditioning systems. Our aim is to adjust systems for easy and efficient maintenance proper sanitary conditions of ventilation and air-conditioning system for whole period of exploitation.

## Installation and service of air-conditioning appliances

We offer assistance in field of selection, delivery, installation and service of air conditioning systems adjusted do clients needs. We also conduct sanitary service of air-conditioning units.





## Awards and certificates

### Certificate of the Highest Quality Guarantee

This program constitutes one of the most elite programs based upon the new EU directives on quality systems, ISO norms and procedures connected with management and quality systems.

The companies, which are granted the aforementioned certificate not only are reliable and trustworthy partners in relationship with entrepreneurs but also consumer friendly companies.

Highly outstanding companies, distinguished by the quality of offered services and products are awarded by the European Chapter of Quality and Ecology of one of the most prestigious awards – Certificate of The Highest European Quality Guarantee.



### Luxurious Brand of the Year 2010

The title of luxurious brand of the year is granted for the companies, whose products or services conform to the highest standards and are directed towards the most demanding clients.

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