

# geff

## ventilation +

pressure +

**ventilation +**

lighting +

recovery +

control +

energy +

monitoring +

cooling +



**g**eneration - **all of us**

**e**fficiency - **doing things right, being effective**

We provide energy efficiency-focused consulting and project management services for building technology, production processes, and infrastructure challenges. Through our network of geff Partners and our branded services, we bring local and international, licensed experts to you from under one brand to cover all of your energy efficiency-related needs - from planning & installation to maintenance & operation.

ventilation +

**Improved Efficiency Through New Technologies**  
**Demand-Optimized Controls**  
**Adjustment and Redesign/Redeployment of Components**  
**Reduction in Air Flow Resistance**

## Optimizing your ventilation system

**geff offers** modular solutions, customized to the demands of your operations and existing systems. We focus on both your economic and your environmental needs.

Our role as a **manufacturer-independent** energy efficiency provider guarantees that we will help you find the most modern and innovative ventilation concept to fit your individual needs.

**Understanding** the air quality and conditioning needs of your facility and your employees, and how the employees interact with and react to the building's ventilation system plays a central role in optimizing your system. We take care of the necessary analyses as well as provide training for user-behavior improvements, in order to get the maximum efficiency out of on-going use.

**geff guides** you through the entire optimization process. The basis of a ventilation+ project is an audit with measurement and analysis of the entire ventilation system. In this analysis, we look at the individual pieces of equipment, the building infrastructure as a whole, and the operational behavior within that space. The ensuing creation of an audit report and an efficiency-improvement concept, as well as the implementation of said concept, are of course a key part of our service. We even work with you to evaluate, develop, and execute the most appropriate financing model for your project.

**We offer you a complete solution - a worry-free package**  
**guaranteed and financed.**

### Steps

**Visualize/Analyze**  
**Implement**  
**Monitor**



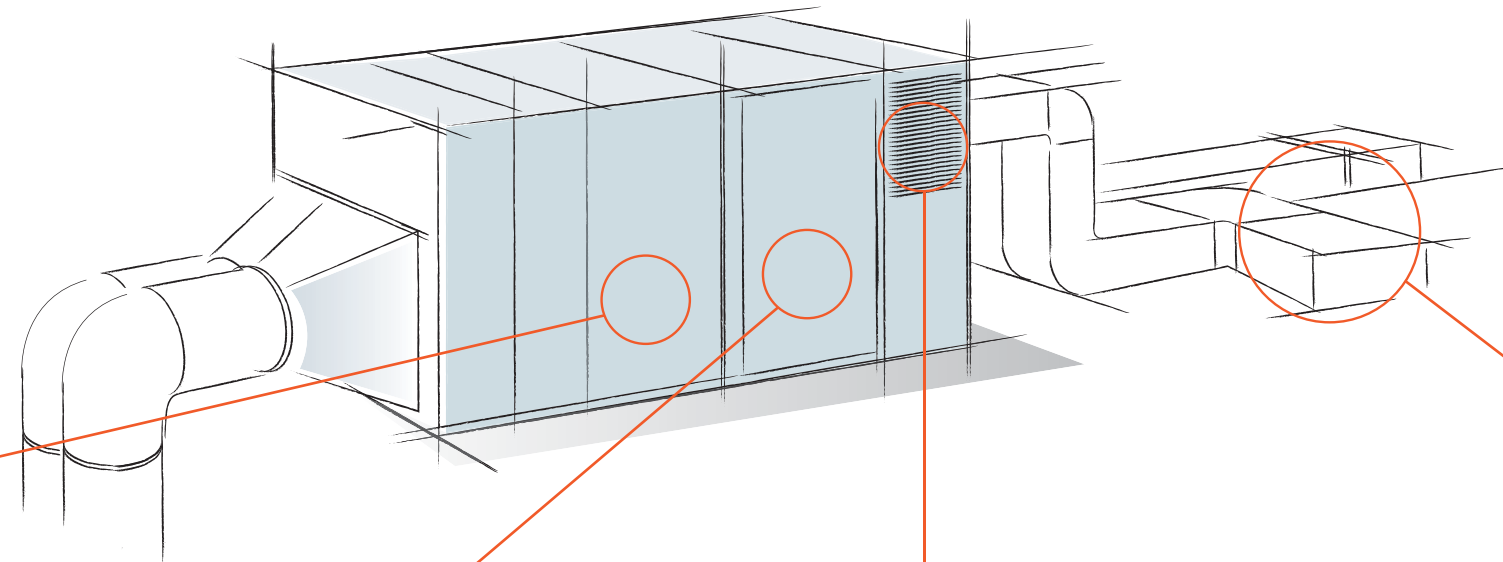
**savings 10% 30% 70%**  
**ROI 1 year - 2 years - 3 years**



## Efficient Ventilation Systems

### The plus points of an optimized ventilation system

- + energy savings
- + integrated energy management
- + demand-oriented control
- + individual components are attuned to each other as well as to the larger system as a whole
- + web-based monitoring for maximum transparency
- + need-based maintenance
- + reliability and durability



### Air Handling



*The replacement of old fans with newer, more efficient models allows for the most economically viable operation of your ventilation equipment. Often, it is only after such an upgrade that it becomes possible to operate the ventilation equipment on a demand-oriented schedule.*

**Save up to 30%**

### Conditioning



*Demand-based heating, cooling, humidification, and dehumidification have a very fast, positive effect on system-wide energy consumption. The task and goal of such efforts is to maximize energy efficiency while maintaining or even improving air quality and comfort levels in the facility.*

**Save up to 40%**

### Control



*The deployment and intelligent control of innovative ventilation system components increases the energy efficiency of the entire ventilation process. Control processes and operational sequencing, which are attuned and optimized with each other, ensure maximum energy efficiency.*

**Save up to 50%**

### Ductwork



*Leaks, incorrect duct dimensions, and ductwork systems that have been gradually expanded or modified over many years can lead to a very energy-intensive air movement process in order to get the conditioned air to the spaces where it is actually needed within the facility. The optimization of the ductwork and other air distribution channels always has a positive effect on the operation of ventilation equipment across the entire system.*

**Save up to 20%**

feel efficiency

feel good

feel **geff**

**The first step to becoming more efficient  
and sustainable is to recognize your role  
in solving the greatest challenge in our society  
- join generation efficiency.**

**generation  
efficiency**



**geff generation efficiency**

Steffen Müller, President

Telephone +1 (302) 482-4872

[ask@geff.us](mailto:ask@geff.us)  
[www.geff.us](http://www.geff.us)

**geff L.P.**

Headquarters  
5460 33rd Street SE  
Grand Rapids, Michigan 49512  
USA

[ask@geff.us](mailto:ask@geff.us)  
[www.geff.us](http://www.geff.us)