

A Climate-Controlled World

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Presentation



Findings



This review is not an indictment against air conditioning, which is undeniably the ideal thermal solution for both commercial spaces and industry.

Since the invention of air conditioning in 1901, the maintenance of these units has never garnered any significant interest from air conditioning manufacturers.

Context



It is not air conditioning that is to blame, but rather poor maintenance.

Significant health risks and the excessive energy consumption of air conditioning systems present new societal challenges.

Therefore, a dual vigilance is necessary, both for users and for the companies involved.

Opportunity

These easily solvable issues present exceptional business opportunities.

- A global air conditioning system cleaning market valued at over €400 billion.*
- An exponential business in machines, tools, accessories, equipment, and consumables.
- A market projected to triple by 2050.

*See market study report.

A background image showing a close-up of air conditioning components, including a metal coil and a white plastic diffuser.

An Optimistic **Review** Focused on Environmental Responsibility.

Written by C. Ballion / Inventor and Designer of **Microbiological Maintenance** for Air Conditioning Systems.

Economic influence and Health motivation

According to EDF (Energy Efficiency Department):

"Poorly maintained and dirty air conditioners can lose a significant part of their efficiency and generate an additional electricity consumption of around 25 to 30%."

According to the **Pneumologue** Abdullah ZADVAT:

In air conditioners, fungi, germs, molds, staphylococci, streptococci, etc., develop...

Health impact

Asthma, rhinitis, conjunctivitis, Legionnaires' disease, allergic alveolitis, cough, irritation of the throat, eyes, etc.

Air Duct



Turbine split



Fan turbines

Source : <http://youtu.be/MGAwbh0pxqQ>



FIFTY REASONS is a microbiological maintenance concept for air conditioning systems invented in 2004 on the island of Saint Martin in the Caribbean.

This invention came about following a bill stating that poor maintenance of air conditioning units generated a public health and economic issue.

At that time, there was nothing available to ensure this cleaning.

The creation of specific tools and techniques was therefore the only way to provide an effective response.

20 years later, with 20 million air conditioning units installed, poor maintenance is still an issue.

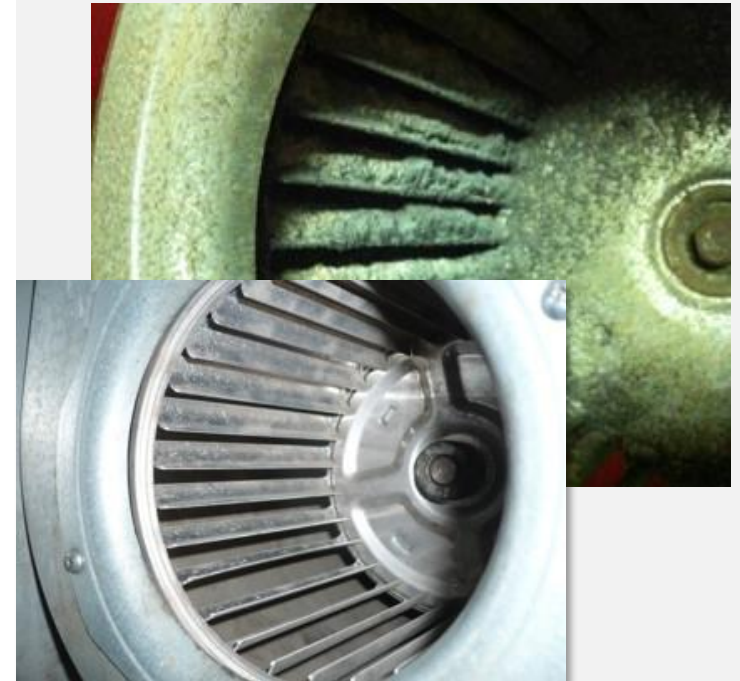
The need, the simplicity of this profession, and the establishment and utilization of this concept guarantee a profitable, sustainable, and socially viable business.

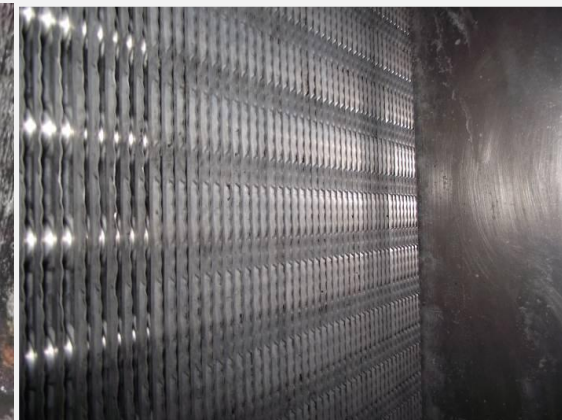
Solutions

- Effective
- Innovative
- Efficient
- Eco-friendly
- Sustainable
- Profitable

Guaranteed **E**nergy **O**ptimization for All **A**ir **C**onditioning **S**ystems.

We are a **manufacturer** and designer of **innovative** solutions.





A technicality
that cannot
be improvised



Only the
result
counts

Public health at stake

Worldwide, 95% of individual and industrial systems are poorly or poorly cleaned

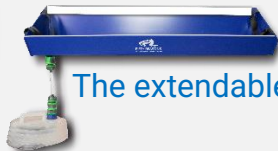


Technology
Unique in the world

A turnkey concept



FIFTY R+



The extendable gutter



The simple gutter



The cassette tarpaulin



The washing tank



1 brush, 1 splash box, 1 protection plate, 5 l can degreaser, 1 spray 750 cl disinfectant
+ all management documents (free of charge).

Air Pressure Air Conditioner Cleaner
(Exclusive Technology)
+ **U**nique tools, accessories, and
management documents.

High-quality performance that meets the needs of
users and the public.



The lack of tools and technology is one of
the reasons for this widespread poor
maintenance.



Let us be actors of the positive economy.*



*Excerpt from its definition:

It is about producing goods and services, whether commercial or non-commercial, but all must be viable and economically useful for both current and future generations.”

Today, there are 2 billion air conditioners in operation, all heavily polluted; by 2050, there will be 6 billion !

Without any philanthropy necessary, this ultimately brings together all the challenges we are or will be facing.

Constrained or forced by new laws and regulations.

But these challenges are merely vectors, levers for one of the most promising business economies.

Public health – Pollution – Indoor Air Quality (IAQ) – Energy Transition – Energy Efficiency – Plus all environmental challenges, etc.

Let us be informed opportunists!!



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