

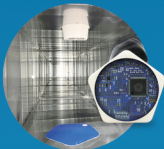


REMOTAIR

HVAC CLEANLINESS IN REAL TIME



INSTALL



CONNECT



MONITOR



HVAC CLEANLINESS IN REAL TIME



REMOTAIR IS THE WORLD'S FIRST PATENTED SOLUTION FOR REAL TIME MONITORING OF HVAC HYGIENE

Remotair uses cameras and sensors with an innovative cloud software to provide users the complete hygiene status of HVAC systems in real time. The product is easy to install and configure.

Remotair utilizes adaptive machine learning capabilities to notify the user when cleaning of the ducts and air handling units should occur before contamination inside the systems reach dangerous levels.

With this advanced hygiene monitoring, Remotair offers it's users the world's best protection from HVAC contamination. When a system is measured with Remotair, duct cleaners, IAQ professionals and maintenance managers can perform targeted maintenance actions to prevent their HVAC systems from reaching unhealthy levels of contamination.

The World's Most Advanced HVAC Hygiene Monitoring System

- 1 DUCT CLEANLINESS
- 2 AHU CLEANLINESS
- 3 MICROBIOLOGICAL RISK
- 4 COIL STATUS
- 5 FILTER STATUS
- 6 AIR QUALITY

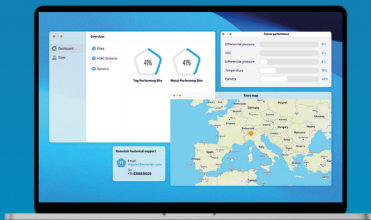
THE WORLD'S BEST PROTECTION FROM HVAC CONTAMINATION IS REAL-TIME MONITORING

Remotair is the only comprehensive system available on the market today that can offer full HVAC hygiene protection.

Remotair provides users peace of mind in knowing that the HVAC systems they serve will never reach dangerous levels of contamination. With the Remotair strategy, HVAC professionals can schedule preventative maintenance activities and guarantee their customers advanced human health and legal protection.



All of the data processed by Remotair is accessible in real-time through an internet portal that links directly to a PC, tablet or smartphone. The interface is easy to use and is also a great tool for managing many HVAC systems across multiple sites.



Remotair technology is a result of 25 years of technical excellence and innovation by Alisea S.r.l, the Italian market leader for HVAC hygiene and duct cleaning services in collaboration with two major Italian universities: The University of Pavia and Polytechnic of Milan.

KEEP YOUR CUSTOMERS ENGAGED FOR THE LONG-TERM BY BECOMING A CERTIFIED REMOTAIR PARTNER

Becoming a Remotair partner means separating yourself from the competition by offering your customers the world's most advanced HVAC protection over multiple years. By controlling the hygiene status of your client's HVAC plants in real-time, you can be sure that your customers call YOU for targeted HVAC maintenance.

A Remotair partnership also means you have the ability to create first in kind multi-year HVAC hygiene protection plans for your customers. Your company will be listed as the duct cleaner on record for any targeted HVAC maintenance that should occur on the system. Certified partners must be chosen to perform any maintenance activities on systems for which they have provided the installation as part of the Remotair guarantee.



REMOTAIR PROVIDES COMPREHENSIVE HVAC HYGIENE MONITORING IN REAL TIME, WITH A FOCUS ON:

Duct Cleanliness and AHU Cleanliness

Remotair observes real-time conditions inside air handling units and air ducts. Remotair automatically records high resolution digital images of the interior of the systems multiple times per day creating an extensive photo library of the evolution of contamination over time.

Remotair cameras also monitor the dust accumulation inside of the ducts and air handling units in g/m². We call this our “virtual vacuum test”. Remotair sends warning notifications if detected levels approach the threshold value indicated by standard NADCA ACR (0.075 g/m²). Remotair uses historical data from your HVAC system to make predictions about when dust accumulates past recommended levels and cleaning should take place.


Microbiological Risk Evaluation

Remotair's proprietary algorithm measures dust levels as a nutrient base in addition to temperature and relative humidity to provide the user a risk evaluation for the growth and spread of mold and bacteria.

When conditions inside of the ducts and air handling units become favorable to the growth of mold and bacteria, the user is notified to make corrective actions to lessen their risk for contamination.

Filter Status

Remotair utilizes delta pressure sensors before and after the filter and weighs the criteria against the manufacturer's optimal performance range. Remotair will signal the user only when filters really need to be replaced, thus optimizing costs and preventing blockages and damage to filtering sections. Remotair uses the historical data compiled from your HVAC system to make predictions about when filter changes are required.



Coil Status

Remotair utilizes delta pressure sensors to monitor the operation of coils weighed against their optimal performance range. With this technique Remotair monitors fouling on the coils and reports to the user when cleaning is required. Remotair monitoring allows for targeted intervention on coils thus resulting in improved energy efficiency as indicated in the NADCA White Paper on 'Restoring Energy Efficiency Through HVAC Air Distribution System Cleaning'. Remotair uses the historical data compiled from your HVAC system to make predictions about when coils should be cleaned.

Air Quality

Remotair measures in real time the temperature, relative humidity, CO2 and VOC's present inside of the air ducts and provides the user with important data on the real-time conditions inside the system. Remotair can analyze the difference between air in the outdoor environment and inside the HVAC systems.



REMOTAIR® Benefits:

	Traditional Inspections	REMOTAIR®
Technical Inspection	Every 12months	24/7
HVACHygienestatus in real-time	✗	✓
Data collected on the system	✗	✓
Ability to understand the contamination cycle	✗	✓
Remote inspection, non-invasive	✗	✓
Scheduling of effective maintenance	✗	✓
Health protection	Standard	Advanced
Legal protection	Standard	Advanced

Become a Remotair Certified Partner

Remotair is seeking to expand its worldwide network of certified partners.

If you are interested in becoming a Remotair certified partner,
contact info@remotair.com

From a Remotair user...

"We are a company with many years of experience in the maintenance and sanitization of ventilation systems. We have installed REMOTAIR on an HVAC system which we maintain that has been refurbished and sanitized.

We were extremely impressed by the functionality of the system. Our customer is very satisfied with the ability to monitor the conditions in real-time. Now he can demonstrate that he has taken all the steps necessary to protect the health and safety of his workers and protect himself legally.

He can also call us to make targeted maintenance actions on the system before the chance of contamination occurs. It's a game changer for us as we stay engaged with the customer over the long term.

REMOTAIR is a fantastic product."



REMOTAIR

HVAC Cleanliness in Real Time

REMOTAIR®

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