



AXON

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Since January 2015 Axon is used as the overarching name for the sister companies Almecco and PCA. Both companies provide complementary products and services in the air and water technology, and are mainly active in Europe.

Almecco is organized into three Business Units: Industrial Fans, Fluid Cooling Systems and Drying Solutions.

PCA consists of the following entities: PCA Control, PCA Water and PCA Air.



OUR ASSETS

Internal development

All projects are followed up internally from beginning to end

Flexibility

We offer installations that perfectly meet our customer's needs

Expertise

We have acquired solid experience in different domains and in various industries

After sales

You can also count on our service for regular maintenance and troubleshooting

Safety and environment

Axon strives for maximum security for employees, customers and third parties
During the engineering and execution, special attention is given to the environment as well

INDUSTRIAL FANS

Almeco's main activity is the production of industrial fans and blowers for equipment manufacturers and technical installers. Our knowledge enables us to meet the most demanding markets. Our team of experts analyses each request to determine the specific needs of the client and to offer a custom-made solution. Thanks to the many projects we have carried out in the Benelux and France, we have become the reference in terms of quality and sustainability.

info@almeco.be
www.almeco.eu

WATER PURIFICATION & PROCESS WATER

PCA is specialised in the development of turnkey installations for the treatment of process water and waste water. Our process water installations contribute to savings in water consumption and ensure that water is perfectly adapted to your production processes. Our solutions for waste water treatment enable re-use of larger volumes of waste water. PCA can also provide water treatment in order to meet specific emission standards.

WATER TREATMENT

WATER REUSE

MAINTENANCE AND SERVICE

info@pcawater.com
www.pcawater.com

OUR SOLUTIONS



Axial fans

We do not only produce impellers on a daily basis, but also complete fans. We realise impellers and complete fans on a daily basis. All parts are optimized for the specific needs of each project, taking into account the environment and dimensions.



Centrifugal fans

Most of these machines are made in our workshop. In addition to the range for normal conditions, we also have a range of process fans available. The wide range of impellers allows pressures up to 200mBar in two-stage execution.



Special configurations

All fans can be produced in stainless steel, one of our specialties. If necessary, our models can comply with ATEX regulations and API 661. Axial fans are available with a diameter of more than 2m, as well as low-noise versions (-6dB on average).



Blowers

Our range is completed by a wide range of FPZ side channel blowers. This equipment allows to reach a pressure of 650mBar. The models are compact, quiet and robust. Most of the models are available with IE3 motor and kept in stock.

OUR SOLUTIONS



Process water treatment

This applies to treatment of all types of water (ground water, surface water, tap water, rainwater, effluent...) that can be used in a production process.



Waste water treatment

This includes a collection of different solutions to purify contaminated water before it can be reused or properly discharged.



Products & follow-up

PCA has a wide range of chemicals and instrumentation that are used to treat water within different areas of application: cooling water, boiler water, RO water, washing water...



Service

We offer our customers extensive services including pilot and lab tests, calibrations, process follow-up and after-sales, optimization, cleaning and maintenance of water treatment plants.

DRYING SOLUTIONS

With Ronair® drying solutions, we as designers and constructors are the reference for high-end drying solutions for customers in the industry who want to dry large volumes quickly and efficiently.

PERSONNEL CLEANING

Almeco offers easy-to-use alternatives for personnel cleaning with compressed air. Our equipment guarantees employees a safe way to dedust themselves.

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AIR PURIFICATION

As a specialist in the development of industrial purification installations, we ensure that contaminated air, caused by a production process, is safely emitted to the atmosphere. Our installations are designed and built by our enthusiastic team of engineers and technicians for various sectors including the paint and coating industry, chemical industry, water treatment plants, textile industry, etc.

SPRAYING SYSTEMS

- Dust precipitation
- Adiabatic cooling
- Humidification

MAINTENANCE & SERVICE

STUDIES & PILOT TESTS

info@pca-air.com
www.pca-air.com

OUR SOLUTIONS



Ronair® drying solutions for food & beverages

Under our own brand name Ronair, we offer custom-designed drying solutions for all types of food packaging and bottles, regardless of shape or material.



Ronair® industrial drying solutions

We also offer drying solutions for hot melt pillows, cables & wires, glass or steel sheet,... In addition, we have experience in blowing off pellets from trucks or dust from packaging.



Cleaning Station & Cleaning Booth - JetBlack Safety®

JetBlack Safety is a very compact system that allows personnel to dedust themselves without the use of compressed air. The Cleaning Booth ensures that the dust is intercepted and collected in an efficient way.



Components - ACI®

Almeco supplies an extensive range of standard components including air knives, nozzles, jetplates, drying tunnels, acoustic enclosures...

OUR SOLUTIONS



Gas scrubbers

Gas scrubbers neutralize harmful components in industrial air or waste gas streams, for example to prevent emission of gases that cause health risks or odor nuisance.



Activated carbon filter

Activated carbon is a form of carbon with a very large specific surface. This makes it an ideal filter medium for the removal of odors, organic and inorganic gases.



Biofilters

Biofilters use micro-organisms to biodegrade air pollutants. They are used for the removal of volatile organic compounds, odor components and inorganic compounds.



Regenerative thermal oxidation

Regenerative thermal oxidation is the afterburning of an airflow loaded with solvents. Ceramic beds recover the heat produced during this process, thus reducing operational costs.

FLUID COOLING SYSTEMS

Almeco is a supplier of high quality packaged cooling towers for industrial customers. We supply and replace all parts for all brands and types of cooling towers. Moreover, we are your best partner for the maintenance and upgrading of your cooling tower.

NEW COOLING TOWERS

Industrial cooling towers with open or closed cooling circuit and adiabatic coolers.

COOLING TOWER COMPONENTS

Qualitative spare parts according to the Best Available Techniques and Legionella legislation.

MAINTENANCE & UPGRADING

On cooling towers of all construction methods and manufacturers.

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PROCESS AUTOMATION

PCA has been responsible for managing the process automation of its own water treatment and waste water purification plants for a long time. As one of the few Belgian manufacturers, we have solid experience in various industries. We believe that process control often determines the difference between an efficient and inefficient installation. We guarantee that every customer receives a custom-made solution that perfectly meets the project's specific needs.

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OUR SOLUTIONS



Cooling towers components

Almeco supplies and replaces all parts of your cooling tower, for all types and for all brands. Cooling packages, drip separators, drives and fans, ...



New cooling towers and adiabatic coolers

Almeco is supplier of open, closed or adiabatic cooling towers. This range mainly includes cooling towers for industrial applications as well as cooling towers for applications in non-residential buildings.



Control and water treatment

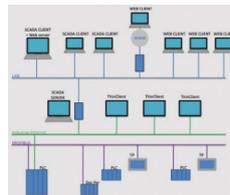
The water treatment system and the control system for the fan and any other components of the cooling tower ensure that the cooling tower maintains their proper functioning with the highest possible efficiency and high operational reliability.



Maintenance and upgrading

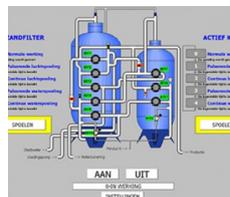
Almeco carries out inspections, maintenance and repairs on all brands and types of cooling towers. We are specialised in detecting faulty components and repair them immediately after consultation with the client.

OUR SOLUTIONS



PLC Programming

The PLC (Programmable Logic Controller) is at the heart of a machine's automation. Consequently, it is very important for the PLC to be programmed in line with the way the process and device operate.



Process visualisation

The graphical display of production processes on a computer screen or an operator panel simplifies the control and comprehension of these processes.



Process instrumentation

We deliver, install and program instrumentations for the measurements of pressure, temperature, flow, level, pH, rH, O₂ and are able to link them to PLC and process visualisation.



Electrical cabinets and wiring

PCA owns a modern and well-equipped workshop in order to offer its customers both standard systems and tailor-made solutions.

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OUR BUSINESS UNITS:

- industrial fans
- fluid cooling systems
- drying solutions
- water purification
- water treatment
- air treatment
- automation

ALMECO

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