



unica installation group

the art of working together

> innovative approach > independent partner > industry sector knowledge > extensive quality assurance procedures

climatech



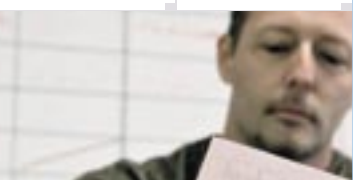
optimal production environment

In today's business environment, the most frequently used word is Quality. High quality products can only be produced in a high quality environment. Industrial climate control is a separate branch of mechanical engineering and Unica ClimaTech's area of expertise. Adapting air treatment systems to a company's production process ensures that the work environment is as clean as possible for the employees and the products being manufactured.

More and more companies are taking the conditioned air approach a step further and are opting for the controlled environment of a cleanroom. The pharmaceutical industry is the prime example. Other sectors, such as the food and electronic industry, have seen the quality of their products increase considerably when manufactured in a dust-free and sterile environment.

Varying standards

A cleanroom is a production environment that is free of dust, bacteria, organisms and other dirt particles - no matter how microscopically small they are. Special ventilation systems keep these particles out of the room. Although the air in a cleanroom is always much cleaner than that of a standard production environment, not all cleanrooms are subject to the same level of cleanliness. In the pharmaceutical industry, it is crucial that the production environment is free of living organisms at all times, whereas in the electronic industry, it is crucial that the individual components remain free of dust. The standards for cleanrooms vary depending on the regulations and the requirements that the production process is subjected to.





The best cleanroom solution

Different industry sectors, different dust particles, different requirements. Each cleanroom serves a specific purpose, which is why it must be designed and developed according to its specific requirements. We start designing a cleanroom by adapting the installations to our customer's production process and the requirements it needs to meet, including those imposed by the government. Many years of experience have enabled us to become familiar with the issues that each of the different industry sectors face, as well as the general and legal requirements. We also closely follow the development of new technologies and the new (European) regulations.

During the design phase our engineers transform regulations into technology. As an independent partner, we are able to select the best components the market has to offer, enabling us to design and develop the best turn-key cleanroom solutions within the prescribed conditions.

Flexible and reliable partner

Unica ClimaTech combines the flexibility of a small and solid organization with the (financial) stability of a large, reliable partner, because we are an independent business unit of Unica

Installation Group bv, with more than € 200 million in revenue, the largest independent mechanical and electro technical engineering company in The Netherlands.

Our company structure enables our customers to take advantage of "one-stop-shopping". Not only are we able to integrate cleanroom installations with other technical building systems, we can also design, install, maintain or upgrade any other systems that may be required.

Certification and safety

Unica as organization meets the highest safety prescriptions and is certified by the leading institutions in the field of fire safety, quality care and safety.

More information

In case you want additional information about Unica ClimaTech, or prefer a personal conversation, after reading this brochure, you can contact Unica Hoevelaken. You will find our details on the back of this brochure.



The Unica Installation Group and the art of working together

The Unica Installation Group as a total installer has everything at its disposal that demanding clients in the utility building, health care and industry ask from their installation partner. Being the largest independent mechanical and electro technical engineering company in The Netherlands we feel up to any order. Large or small, complex or just simple. Our strength? We understand the art of working together. More information about Unica and her installation disciplines you find in the corporate brochure: 'The art of Working together'. You can also visit our website or call our free of charge information number:

0800 - unicanl (0800-8642265)

www.unica.nl

References ClimaTech*

Health care sector

- Academic Hospital, Leiden
- Universal Hospital, Luik (B)

Scientific institutions

- Animal Science Group (ID), Lelystad
- S.R.O.N., Utrecht
- Tibotec / Virco NV, Mechelen (B)
- TU, Delft

Industry

- Alcomed / Alfasan, Woerden
- Bional BV, Gorredijk
- Cochlear European Test center, Mechelen (B)

- Crucell, Leiden
- Denso Europe, Weesp
- Eurovet, Bladel
- Fokker Space BV, Leiden
- General Electric Plastic, Bergen op Zoom
- GlaxoSmithKline Biological, Rixensart (B)
- Intracell Inc., Emmen
- Janssen Pharmaceutica, Beerse (B)
- Lely Pharma, Lelystad
- BV De Naamplaat, Hardenberg
- NPBI-Fresenius, Emmer-Compascuum
- Packard Bioscience BV, Groningen
- Produlab Pharma, Raamsdonksveer

- Ramaer, Helmond
- Refraction Surgical Center, Utrecht
- Thomsom, Breda
- Vel Fine Chemicals NV, Leuven (B)
- Vitablend, Wolvega
- VWR Int., Haasrode (B)
- WML, Waalwijk



* Complete list of references on request

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