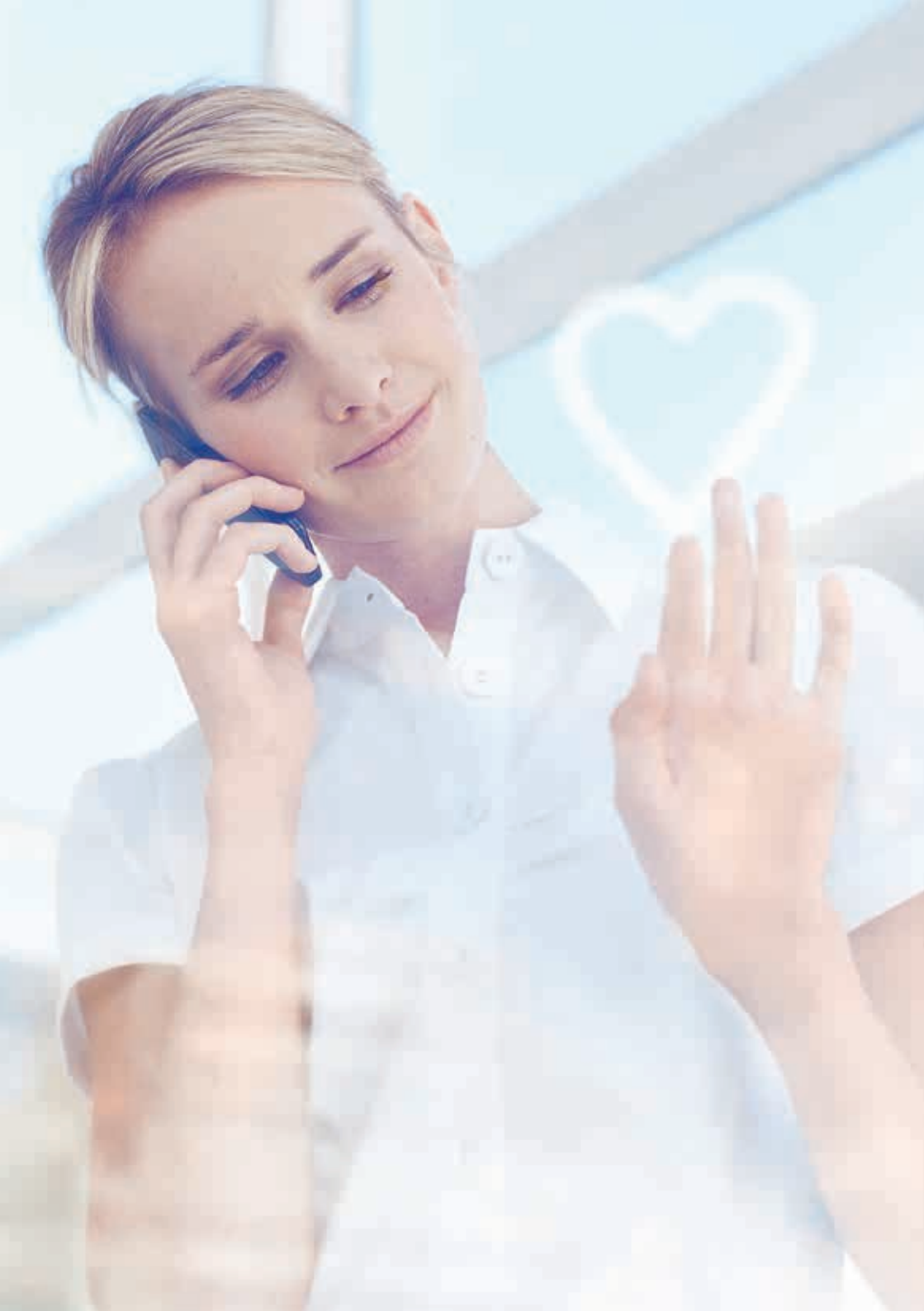




OUR LOGISTICS AND PRODUCTION CENTRE

Productivity, sustainability and
health under one roof





WE LOVE HUMIDITY

Condair is the world's leading manufacturer and supplier of all-in-one solutions for humidification and evaporative cooling. We use our comprehensive portfolio of products and services to achieve optimum indoor climate – with low energy consumption and while protecting the environment. The Condair Group employs over 700 employees in service and distribution offices in 20 countries, and production facilities in Europe, North America and China.

Our vision

As a market leader in the humidification sector, our mission is to understand and satisfy the particular needs of our customers in each and every respect. With professional, energy-saving solutions that increase productivity, improve sustainability and protect health: productivity, sustainability and health with air and water. This is what Condair stands for – both externally for our customers, suppliers and business partners and also internally: this vision can be experienced live on Condair's premises in Norderstedt, Germany!

Our logistics and production centre

Located right next to Hamburg Airport, all of our company's activities in logistics, production and distribution come together at our headquarters in Norderstedt. This 8,500 m² site employs a team of around 130 people who work to satisfy the individual needs of our customers in the EMEA (Europe, Middle East and Africa) region. The site is also home to Condair Systems, which manages distribution for direct room humidification systems in Central Europe.

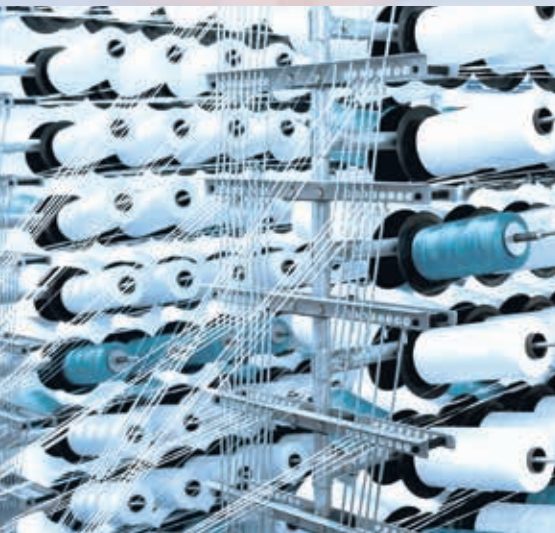


- Condair Logistics and Production Centre for EMEA



Distribution for direct room humidification systems for Central Europe

- Condair production facilities



FOR PEOPLE, PLANT AND PRODUCTION MATERIALS

In a very wide range of manufacturing segments, an additional humidification system is an important factor for ensuring standardised production and quality control. The human factor is also important, as people benefit from an adequate level of humidity at home and in the workplace. Recent studies demonstrate a direct effect on health and on the immune response of mucous membranes in the respiratory tract.

People

Air that is too dry endangers the health: irritated mucous membranes, dry airways, disorders affecting the vocal cords, burning eyes and an increased risk of viral infection directly impact the health, productivity and well-being of a company's employees.

Plant

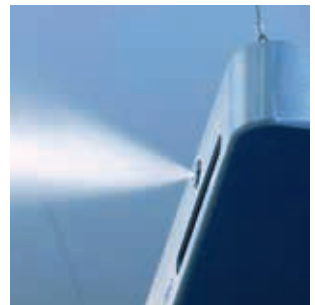
The speed and trouble-free operation of many kinds of production machinery is dependent on humidity remaining at an optimum level. Dry air promotes the build-up of electrostatic electricity, for example, which can cause damage, defects and production stoppages. In addition, the waste heat from machinery can be neutralised by the evaporative cooling effect of a humidification system.

Production materials

Paper, wood, textile fibres, paints, leather, food, paintings or musical instruments are all susceptible to the effects of dry ambient air: drying out, deformation, cracking and a lack of elasticity or adhesion can impact quality and functionality.

Recommended humidity

Application	Relative humidity
Office	40%–50%
Electronics	50%–55%
Print shop	50%–55%
Wood	55%–60%
Food	50%–90%
Laboratory	40%–50%
People	40%–60%
Museum	40%–60%
Datacentre	40%–50%
Textiles	65%–90%
Packaging	45%–60%



Condair humidification systems can be integrated into the air-conditioning system or deployed locally as in-room humidification



PRODUCTIVITY

Located in the heart of the Hamburg Metropolitan Region, Condair's Logistics and Production Centre for EMEA is a hub that guarantees our customers short delivery routes and fast turnarounds. Located adjacent to Hamburg Airport, with motorways and the Port of Hamburg in easy reach, Condair is always right next door to its main sales markets.

Production and service

Continuous improvements to productivity and quality are all part of day-to-day activities at this 5,000 m² production and logistics facility. Spread over two floors, our facility manufactures items from all of the ranges in our product portfolio: from isothermal (vaporisation) to adiabatic humidification (evaporation and atomisation) systems, from duct humidification to direct room humidification systems and systems for hygienic water purification. In addition, thousands of systems are also checked, cleaned and reconditioned every year by our Service and Maintenance department to ensure their long-term hygienic use by our customers.

Quality management

To ensure the efficient and resource-friendly use of production equipment, performance indicators are collected and analysed on a continuous basis. This enables the constant optimisation of production flows and organisational processes and their adaptation to the needs of our customers. A professional Quality Management System and certification to ISO 9001:2015 document our high standards for external partners and customers.

A high-performance indoor climate

Productivity and climatic comfort go hand in hand: temperature, relative humidity and CO₂ levels are optimally regulated in all work areas, so as to protect the health of our employees and boost their productivity.



Process-optimised production lines ensure high quality and fast turnaround times



The movable high-bay storage unit stores a huge volume of goods in the smallest space possible

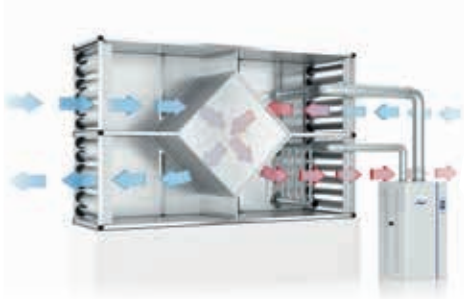


SUSTAINABILITY

In the long run, companies will only be successful if their business activities lead to economic growth while also ensuring the health of our environment. We are setting the standards to follow in air-conditioning technology with our focus on efficient, low-emission technologies. And we have also led by example with the construction of our own logistics and production centre.

Green building

An innovative mix of intelligent building automation, geothermal technology, photovoltaics and energy-saving room air systems have all meant that our company building has received top marks for sustainable construction: its primary energy consumption of 49.9 kWh/(m²a) is over 50% lower than the figure specified in German energy saving regulations (EnEV 2014). Indeed, our centre almost qualifies as a 'passive building'.



Condair GS steam humidifier with heat recovery

Innovative technology

Some 3,000 m² of the building space is temperature-controlled with switchable, energy-saving ceiling-mounted heating and cooling units. The water for operating these hybrid ceiling-mounted systems is provided by a geothermal system that draws naturally-occurring energy from 30 metres below the ground. Humidity is regulated by a highly efficient gas-powered Condair steam humidifier, which also provides free extra heating in winter with its integrated exhaust gas heat recovery unit. A photovoltaic system and extensive planted rooftop area is also used to meet most of the building's energy needs. The use of this sustainable building technology achieves savings of over 90,000 kg of CO₂ every year.



Photovoltaic system with a view of Hamburg Airport



Hybrid cooling ceilings offer energy-efficient temperature control

 condair



HEALTH

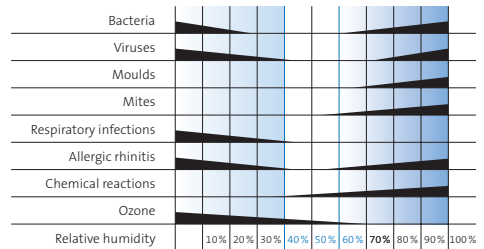
Good working results require workplaces that boost productivity and protect health. Alongside a healthy indoor climate, the right acoustics, lighting, ergonomics and optimum use of space are also key features of the working environments in our offices and production units.

Air for well-being

Innovative technologies to ensure a comfortable, healthy indoor climate feed fresh air continuously into the entire building. CO₂ concentrations are never higher than 800 ppm. The temperature remains constant in the comfort zone of 22 to 26 °C. The company's own Condair systems maintain an ideal level of humidity centrally via the air-conditioning system, supported by spot humidification from direct room humidifiers. This optimal level of humidity between 40% and 60% is maintained throughout the year, protecting workers from viral infections, undesirable microorganisms, dry mucous membranes and other conditions caused directly by dry air.

More than a workplace

Our mission is to create healthy and inspirational places where it is fun to work. These include light-flooded office environments, height-adjustable desks and acoustic ceiling panelling, as well as ergonomically optimised production lines, a daily fruit basket and healthy food in the canteen. Open-space offices with plenty of places to talk and relax ensure quick and effective communication while also promoting a feeling of togetherness.



The Schofield/Sterling diagram shows how an optimum level of humidity reduces the risks presented by microorganisms



Light-flooded office environments with height-adjustable desks



Open office spaces promote communication



CONDAIR EXPERIENCE

For our visitors, business clients and guests, our Logistics and Production Centre offers an ideal opportunity to experience the world of Condair at first hand. Our doors are wide open for any occasion and any size of group: from visiting our showroom or our one-of-a-kind Airlounge to factory tours, events or activities.

Showroom

Our 600 m² showroom presents a world of information about humidification and evaporative cooling, and demonstrates the many aspects and importance of an optimum indoor climate. Animated holograms illustrate working principles while exhibits are used to demonstrate our comprehensive product portfolio as used in practice. Customer success stories showcase a huge variety of applications from all over the world.

Airlounge

Condair's Airlounge offers a one-of-a-kind view of Hamburg Airport with aircraft almost close enough to touch and a huge amount of space: an observation deck, catering and kitchen facilities plus a panoramic view of green fields and the Hamburg skyline are not just the perfect, relaxing break-time backdrop for our employees. The Airlounge is also a superb venue for many kinds of activities and events!

Events

As a Training Centre, our site is perfectly equipped to handle a wide range of functions, events and occasions. There's plenty of space for groups of up to 100 people. From book readings to association get-togethers or club meetings – just talk to us if you would like us to host your event.

Events at Condair

Contact: Tel. +49 40 8532 7726



An illuminated panel displays real-time climate data from all of Condair's sites



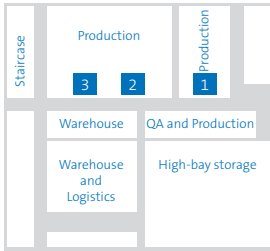
The ideal venue for any event



 condair

WELCOME TO CONDAIR!

Ground floor

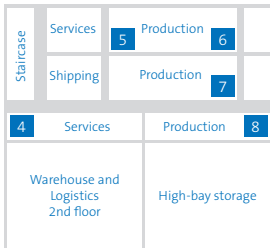


Ground floor



Transfer to production

1st floor



Condair Production/Logistics

- 1 DL line
- 2 ME line
- 3 RS line
- 4 HPS/RO Services
- 5 HPS/RO line
- 6 OS line
- 7 EL line
- 8 Steam cylinder

Condair Experience

- 1 Reception
- 2 Climate display panel
- 3 Media wall
- 4 Direct room humidification showroom
- 5 Induct humidification showroom
- 6 Training room
- 7 Lounge with global customer success stories

Your visit

If you attend one of our factory tours, please ensure that you observe our house rules as outlined below:



Stay with your group



Follow instructions



Do not touch components or equipment



Do not take pictures or record audio/video



Do not talk about confidential information outside Condair



Condair Logistics and Production Centre for EMEA

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