A WORLD OF HUMIDIFICATION
CORRECT HUMIDITY IS AN ESSENTIAL FACTOR

Humidity is an essential parameter in the climatic conditions here on earth. Natural and climatic conditions cause the level of humidity to vary greatly. One major factor in this is heat and cold. But other factors also play a role both indoors and outdoors. This is a particularly crucial issue for industrial production facilities which depend on organic raw materials, and for industries where static electricity is a traditional problem. The food industry and the retail trade sector are also affected, as evaporation affects durability and quality. ML System has the experience of several decades in the development and production of high quality humidification solutions. We advise on, manufacture, install and service humidification systems for companies and supermarkets worldwide.

ML System a/s has a series of different modules designed for all types of rooms and production. The modules are controlled via individual operating panels and a central supply unit.
A broad range of shops and industries depend on accurate control of the added humidity. An example is the graphics industry. Anybody with a knowledge of printing will know the problems of reduced machine speed, misalignment, static electricity, shrinkage etc. All these problems can be eliminated by the application of constant humidity control. Another example is the fruit and vegetable section in retail shops. Fruits and vegetables consist largely of water. If fruits and vegetables are not kept in conditions of adequate humidity, they dry out far too quickly, with consequent substantial wastage. And then there is the entire wood and timber industry, to mention a more rustic sector. Wood simply cracks if dried too quickly. Major problems are also experienced in the glue and painting processes unless a constant humidity is maintained. Other industry and production areas are similarly dependant on correct humidity, not least high technology environments where there is a risk of static electricity which is often caused by the air being too dry. Dry air in offices and working environments has a negative effect on health and wellness in general. We at ML System are always striving for the optimal individual solution for our clients. We are convinced that we can also make a difference to the indoor climate in your company.
CLEAN WATER IS NOT A MATTER OF COURSE ...

ML System a/s is the only manufacturer of humidification systems in the world with ISO 22000 certification. Our ISO 22000-certified hygiene control system guarantees the dimensions of the humidification system with full control of water hygiene when the system is in operation.
Water hygiene quality control is a highly important detail which is easily overlooked in the choice of humidification system. For some sectors, water hygiene control is an indispensable requirement, while in others, no great importance is attached to this point. We at ML System have made it our mission to draw attention to this area. It is of crucial importance that the water which is used for atomization in humidification systems should be clean and free of microbes to prevent any health risk to the people working or staying in the rooms which are being humidified. ML System is also the first manufacturer of humidification systems in the world to have gained HACCP certification, followed by additional re-certification of its hygiene control system under ISO 22000. ML System thus has firm hygiene instructions and procedures for the sale, manufacture, installation and service of humidification systems. The hygiene control system also includes testing for microbes in existing systems. ML System uses the BQ method for water quality testing for this purpose. Our specially trained service engineers carry mobile equipment for microbiological water quality testing. The result is available after just approx. 30 minutes. The humidification system can be disinfected on the spot if the microbial count is too high.
CO₂-REDUCING HUMIDIFICATION

ML System has pioneered the development of high pressure humidification. The new high pressure systems not only save energy, they are also environmentally friendly. It often pays to replace an existing steam or compressed air humidification system with a new high pressure system, as the energy saving alone will often finance the new investment within a short period – often less than two years. To do so benefits the environment, production, and the bottom line.
ML System offers you a unique opportunity to be an environmentally conscious company and to increase productivity at one and the same time. Our high pressure humidification systems represent a major advance. Our technology is considerably better in every way than other humidification methods. High pressure humidification reduces energy consumption, reduces cooling costs, reduces CO₂ emissions, and improves your bottom line. Whether your firm is about to invest in your first humidification system or you are considering replacing your existing system, we offer advice and we guarantee in advance that you will be satisfied with your choice of a ML humidification system.
ML System guarantees the very best after-sales service. Our specially trained service personnel and installation engineers are available around the clock throughout the world.
ML System has installed more than 4,000 systems worldwide on all continents and in forty-two countries. We aim to be the world’s most serious and best qualified supplier of humidification systems. We focus not only on advisory service, development, manufacture and installation of our systems. We also place heavy emphasis on our ability to service our systems at ultra-short notice wherever in the world they happen to be installed. Our service personnel are therefore ready to provide service and immediate assistance within 24 hours around the clock worldwide. We have a round-the-clock telephone hotline service and we deliver spare parts the next day. Our service is carried out in accordance with ISO 22000. And using the BQ method, our service personnel can take water samples and check microbe counts directly on location at our clients’ premises. We also undertake supervision in connection with the installation and servicing of our systems. This is to minimise the risk of microbial growth and to ensure the system’s long and reliable life.
ML System a/s develops and supplies humidification systems for the control of indoor climates for the prevention of drying and health problems caused by dry air. ML System is now one of the most expert manufacturers of humidification systems in the world. Our corporate culture is based on honesty, enthusiasm, loyalty and professionalism, and our clients include medium-size and large international clients and shop chains.

The company was established in 1987 by the duo Marianne Jager and Leo Rasmussen on a dream of developing the world’s technically best and most reliable humidification system. Over the years, ML System has been a pioneer within the development of humidification, and they were the first to make full use of the fan’s carrying capacity for distributing the atomized water from the high pressure nozzles. The result was the well-known ML Princess module.
Marianne Jager and Leo Rasmussen began production of humidification systems for horticultural industry in the eighties, and success quickly followed, with exports to Japan and the United States. They soon found that other industries also benefited greatly from high pressure humidification systems. Since then, developments within humidification have moved quickly, and market areas have grown to include a long list of other industries, including wood and timber, paper, electronics and plastics. One of ML System’s 1998 developments was the well-known system for humidifying fruit and vegetable sections in supermarkets. ML System is among those who have revolutionised the market by the new environmentally friendly high pressure technology. ML System is the only manufacturer of humidification systems in the world to be HACCP-certified under ISO 22000 in order to be able to ensure and to document hygienically safe systems both on installation and in subsequent service visits. ML System possesses a high level of specialist knowhow, and our staff includes a wide range of experts within advice, dimensioning, installation and servicing of humidification systems. ML System is sold via a worldwide dealer network or directly from the main office. See our list of dealers on www.ml-system.com, or if you prefer, you are welcome to contact us on phone +45 8788 2100 or e-mail ml@ml-system.dk.