

Humidity for a better life



MN Series Whole-Home Flexible
Room Solution



 **condair**



Custom Humidity Control For A Better Life

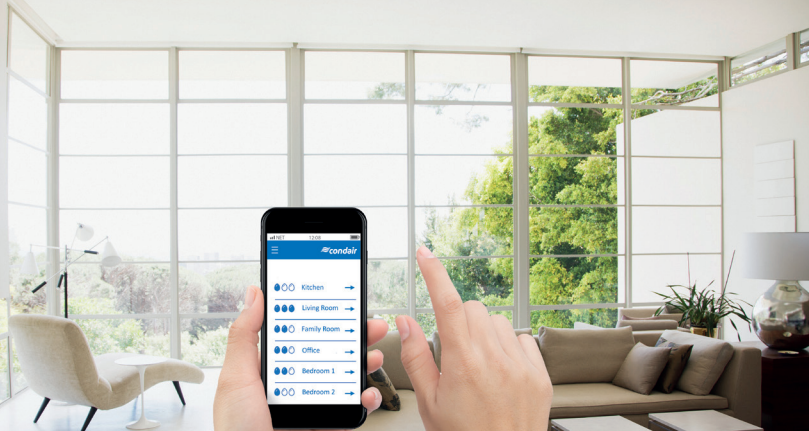
Condair, the world's industry-leading solution for humidity control provides peace of mind by keeping your family, including your pets, healthy and safe with the Condair Whole-Home Flexible Humidifier.

Maintaining a consistent humidity level in your home also helps to preserve your much cherished possessions such as art, instruments, and wood finishes.



*The Condair MN Series
Whole-Home Flexilbe
Humidifier Solution*





The flexible room solution can be conveniently controlled with the Condair app, where you can set desired RH values for each room individually.



The flexible room humidifier is fitted with a water treatment unit as standard to ensure your air is humidified with the most hygienic water quality.

Innovative Home Humidification Solution

The Condair MN Series whole-home flexible humidifier, blends invisibly into the architecture of the home while keeping you and your family healthy and safe. The system facilitates individual custom humidity levels and provides optimum humidity adapted to the needs of each room and its occupants.

Innovative Humidification Technology

The core element of the Condair MN Series whole-home system are the humidifier heads, which are individually programmed and feed hygienic water silently into the room.

A high-precision sensor measures the relative humidity and maintains the humidifier output consistently at the desired set-point. The network of humidifier heads are supplied with demineralized water via a central unit which eliminates any mineral build up at the source.



Hygiene

The flexible room solution is fitted with a water treatment unit as standard. An integrated UV lamp sterilizes the humidification water during operation. In addition, continuous conductance monitoring and a system flush that triggers automatically each day ensures the air you breath is safe and clean.

Carefree Maintenance

The flexible room solution is permanently connected to a cloud-based monitoring system. System function and performance values are monitored online via an autonomous network, enabling continuous system optimization and extremely short response times in case of a fault.

How Does the Flexible Whole-Home Humidifier Work?

The Condair MN Series whole-home flexible humidifier is a unique, standalone residential humidification system with powerful features and benefits for modern, comfortable living:

- A central unit mounted in a mechanical space with access to water, a drain, power, and a LAN internet connection.
- Each spray head continuously monitors the room for precise humidity control.
- No ductwork or heating system is necessary for installation.
- Great for radiant heat applications.
- Robust filtration system with UV lighting and reverse osmosis so there is no airborne germs or scaling.



The combination of humidity in the range of 40-60% RH with a room temperature of approx. 20-22 °C (68-72°F) is the basis for peak performance for the human body.



Restful sleep, improved concentration for work and learning, along with beautiful and healthy skin are just a few of the benefits resulting from humidity control in your home.

Humidification for Health & Wellness

The benefits of maintaining your home's indoor air between 40-60% RH have been scientifically proven to:

- Reduce illness due to viruses, fungi, and bacteria
- Improve immune system response
- Keep skin feeling hydrated and prevents drying
- Reduce sore throats, headaches, and tired eyes
- Provide relief from allergies and asthma
- Improve your quality of sleep
- Aide in improved concentration
- Minimize airborne dust and pollutants
- Increase overall comfort

Humidification for Preservation

Ensuring a correct humidity level in your home also protects:

- Wood flooring from warping and cracking
- Wood furniture and finishes from prematurely drying
- Artwork from cracking or drying out
- Musical instruments from dry air damage
- Eliminate cabinetry or flooring warranty finish issues
- Wine cellar collections from mold damage

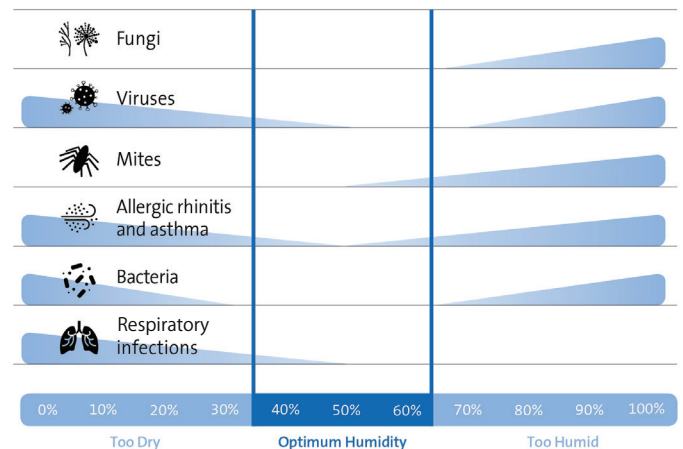
The Sterling Chart

The Sterling Chart illustrates how relative humidity affects health and well being and shows that the optimal air humidity level for humans is between 40 to 60% RH.

This optimal humidity zone minimizes risks to human health from biological contaminants and pathogens.

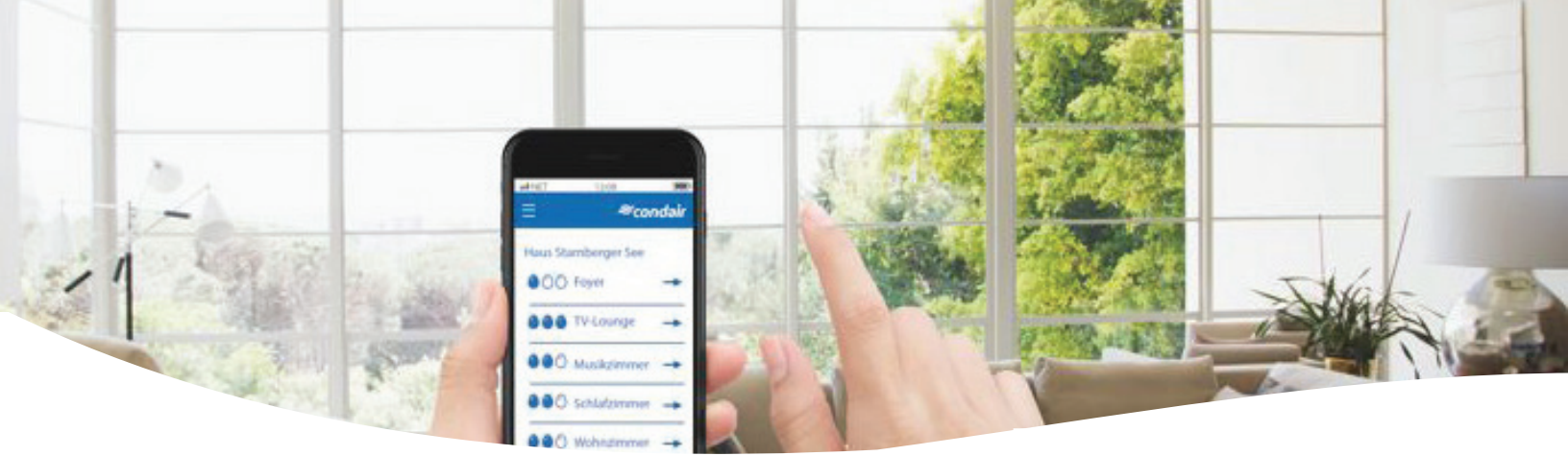
Best Relative Humidity for Health

Scofield/Sterling Diagram



LEARN MORE ABOUT
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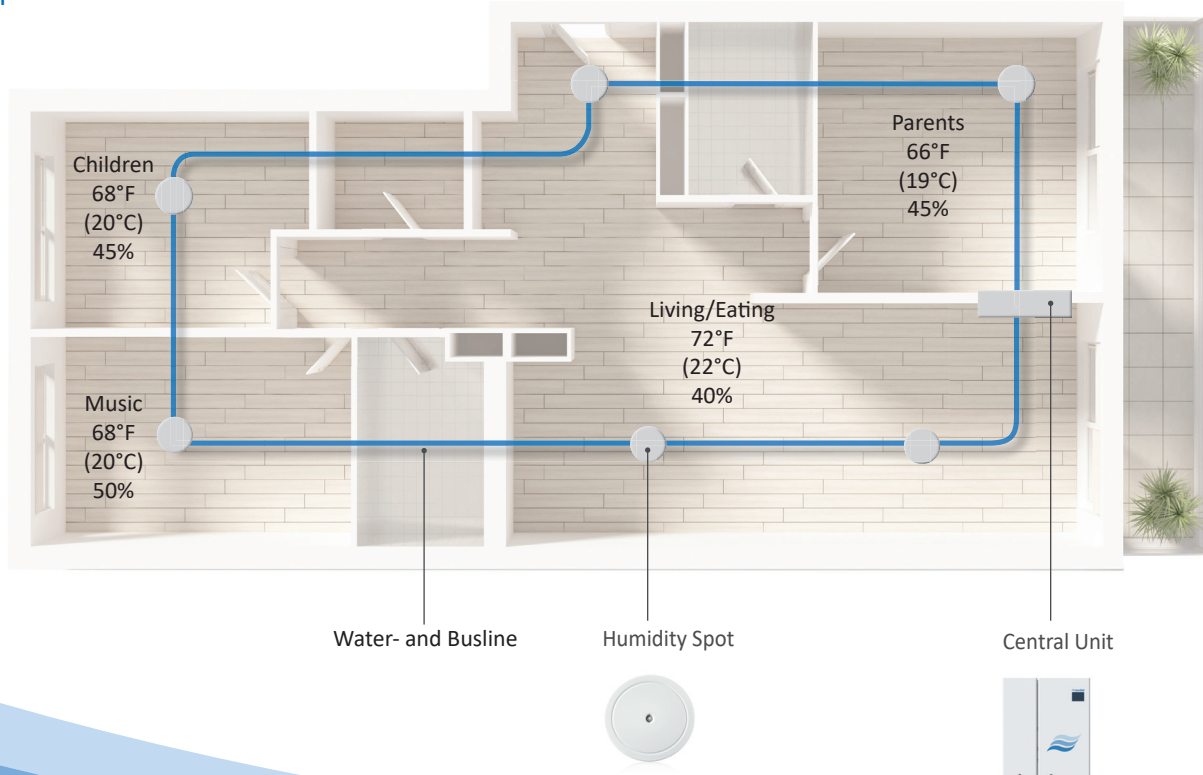




Benefits of Condair

- Hygienic, whole-home, adiabatic, atomizing humidification system.
- Standalone system does not require central duct work or any other specific type of heating.
- Head programming capabilities for individual zone humidity control.
- Remote control and monitoring through a convenient user mobile app.
- Low energy consumption.
- Cloud-based monitoring system for continuous optimization and rapid fault detection.
- UL listed.
- Integral, high-precision humidity sensors at each humidification head for accurate ambient humidity control.
- Aesthetic head design to blend almost invisibly into the room.
- Optional packaged RO system to pre-treat supply water for maximum filter life.
- Programmable setting links system to a weather app to automatically reduce window condensation on cold days

Typical Installation of the Condair MN Series Whole-Home Flexible Humidifier





Relative humidity RH [%]

0%

10%

20%

30%

40%

50%

60%

70%

80%

90%

100%

too dry

optimum humidity

too humid

The benefits of maintaining your home's indoor air between 40-60% RH has been scientifically proven to improve your health, wellness, and comfort.

