

## Relative humidity RH [%]

0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%

too dry

optimum humidity

too humid



*Humidity for a better life*

# Condair's Flexible Whole-Home Humidifier

*The Condair flexible whole-home humidifier is a cloud based control system that merges architecture with powerful connectivity.*



## Humidification for Health & Wellness

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

- Reduce airborne germs.
- Minimize pollen and allergens.
- Keeps skin feeling hydrated and prevents drying.
- Assist in a healthier and undisturbed sleep.

## Humidification for Preservation

Ensuring a correct humidity level in your home also protects:

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

## How Does the Flexible Whole-Home Humidifier Work?

The Condair flexible whole-home humidifier is a completely 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 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.

### Stay Connected

The Condair HumiLife flexible whole-home humidifier can be remotely controlled and monitored through a smartphone app, allowing maximum control at all times.

### Innovative Humidification Solutions

The core element of this system are the humidifier discs, which feed the humidification water silently into the room. They are hardly noticeable and can be individually integrated into any building. A high-precision sensor measures the ambient humidity and keeps the humidifier output constant at the desired level. The network of humidifier discs is supplied with demineralized water via a central unit.

### Hygiene, Remote App, and Carefree Maintenance

- Smartphone app for remote control and monitoring.
- Hygienic whole-home steam humidifier.
- Permanently connected to a cloud based monitoring system.

### Benefits

- 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.
- 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.
- UL listed.

Technical Specifications - Condair MN	
Recommended for room sizes	Customizable applications
Spray Head Dimensions (W x H x D)	D = 4.1 in. x 0.5 in. (105 x 12 mm) 19.7 in. x 22.6 in. x 9.8 in. (500 x 575 x 250 mm)
Unit Dimensions	1 Filter: 19.9 in. x 22.6 in. x 9.8 in. (505 mm x 575 mm x 250 mm) 2 Filters: 27.95 in. x 22.64 in. x 9.84 in. (710 mm x 575 mm x 250 mm)
Humidifying Output (per head)	1.27 gal/day / 10.6 lbs/day / 4.8 kg/day (±10%)
Mounting Location	Mount in ceiling or on the wall based on desired output
Specifications	<ul style="list-style-type: none"><li>• Direct room, whole-home humidification system with silent operation</li><li>• Innovative, aesthetic humidifier nozzles with integrated high precision humidity sensor.</li><li>• Remote control via Service Cloud with smartphone.</li><li>• Surface mounted or flush mounted installation to match the room construction and design.</li></ul>

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