



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 HumiLife

The Flexible Whole-Home Humidifier



The Condair HumiLife 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 illness due to viruses, fungi, and bacteria
- Improve immune system response
- Reduce dry skin, sore throats, headaches, & tired eyes
- Provide relief from allergies and asthma
- Improve your quality of sleep
- Aide in improved concentration
- Minimize airborne dust and pollutants

Humidification for Preservation

Ensuring a correct humidity level in your home also protects:

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

How Does the Flexible Whole-Home Humidifier Work?

The Condair HumiLife flexible whole-home 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 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 the Condair HumiLife 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, 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 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 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
- UL listed.

Technical Specifications - Condair HumiLife 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"> ▪ Direct room, whole-home humidification system with silent operation ▪ Innovative, aesthetic humidifier nozzles with integrated high precision humidity sensor. ▪ Remote control via Service Cloud with smartphone. ▪ Surface mounted or flush mounted installation to match the room construction and design.

Note: The permissible water pressure range is between 43.5 PSI (3 Bar) - 72.5 PSI (5 Bar). You lose 14.5 PSI (1 Bar) for every 32.8 feet (10 M) in height. Our systems include an RO-HB which have a Pressure Tank and a Booster Module.

Visit us today at www.condair.com/residential for your free quote.