

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

Whole-Home Steam Humidifier
for Forced Air Systems



The Condair HumiLife whole-home steam humidifier is a proven steam solution that brings genuine quality of life to your home.

Humidification for Health & Wellness

The benefits of maintaining your home's indoor air between 40-60% RH has been scientifically proven to minimize airborne viruses. Humidified air in this optimal humidity range ensures that germ droplets remain moist and the salt concentration inside the droplet increases to an extent that the pathogens are rendered inactive within a short time. Humidified air in the optimal range also prevents dry itchy skin, irritated eyes, minimizes allergies, promotes a healthy respiratory track, and will aid in a restful night of sleep.

Humidification for Preservation

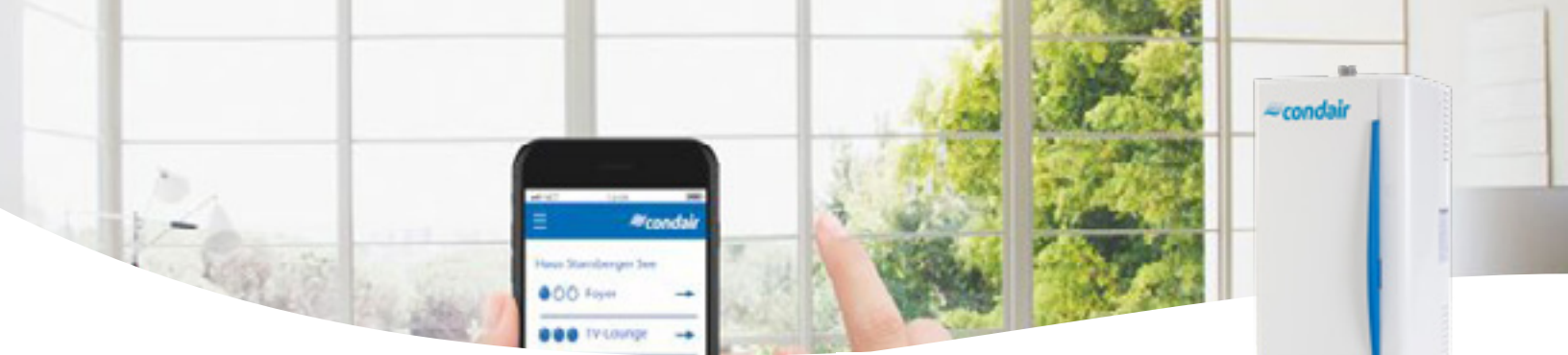
Ensuring a correct humidity level in your home protects wood flooring and furniture from dying out, warping and cracking. Humidity also protects your fine art, musical instruments and wine to ensure longevity and value.

How Does Condair HumiLife Work?

The Whole-Home steam humidifiers generate hygienic, atmospheric steam by boiling water at 212°F (100°C). This effectively kills all germs and bacteria in the water, providing pure, clean water vapor to humidify the air in the most hygienic way. The water vapor is introduced into the forced air ventilation system to provide whole-home humidity control.

Stay Connected

The Whole-Home steam humidifiers can be remotely controlled and monitored through a smartphone app, allowing maximum control at all times.



Easy Maintenance

The boiling process occurs in a removable cylinder which is where all water minerals and impurities remain. Exchanging the cylinder brings the system to like-new condition. The Whole-Home steam humidifier has an industry-unique cylinder exchange mechanism which is quick and simple. No tools required – anyone can do it.

Flexible Installation

Mount the humidifier directly to a furnace to maximize space. Steam can be introduced directly into the furnace supply air through a distribution nozzle. If there is no space on the furnace, the humidifier can be mounted remotely on a wall, in a closet or ceiling space and piped into the supply air duct.

Benefits

- Reduces illness due to viruses, fungi, and bacteria.
- Improved immune system response.
- Minimizes dry throat, skin, and eyes.
- Reduces allergies symptoms.
- Improves your quality of sleep.
- Protects valuable items such as wood flooring, wood furniture, art, and wine collections.

Additional Information

- Additional details about Condair Humilife.
- Specification Sheet
- Condair HumiLife Brochure
- The Sterling Chart
- 40-60%RH For Health

Features

- Smartphone App for remote control and monitoring
- Hygienic whole-home steam humidifier.
- Electrode steam technology.
- Automatic control – set it and sleep easy.
- Easiest maintenance with no tools required.
- Quiet operation.
- Automatic cylinder lifetime detection to avoid manual reset.
- Drain water automatically tempered to meet local plumbing codes.
- Patented auto-adaptive water management maximizes cylinder life.
- Direct furnace mounting or remote mounting.

In the Box

- Humidifier
- Duct sensor
- Steam distributor
- Steam hose elbow (direct duct mount)
- 5 ft. steam hose (remote mount)
- Drain hose
- Supply water hose
- Hardware
- Documentation



Technical Specifications - Condair RH			
Dimensions H x W x D [in. (mm)]:	18.4 (467) x 10.4 (265) x 6.9 (175)		
Net weight / full weight [lbs. (kg)]:	19 (8.6) / 26 (11.8)		
Capacity [lbs/hr / kg/hr / gpd]:	@120V - 3.9 / 1.8 / 11	@208V - 6.7 / 3.0 / 19	@240V - 7.8 / 3.6 / 22
Steam outlet diameter [in. (mm)]:	1.0 (25)		
Rated power (kW):	@120V - 1.4	@208V - 2.5	@240V - 2.9
Voltages	110-120V / 208V / 220-240V		
Phase, Frequency:	1 Phase, 50/60 Hz		
Control signal types:	Modulating, ON/OFF		
Furnace fan relay	Yes		
Water supply connection size [in. (mm)]	0.25 (6.35)		
Drain water connection size [in. (mm)]	0.8 (20)		


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

Specification Sheet

Condair HumiLife Whole-home Steam Humidifier

Condair HumiLife – The Whole-Home Steam Humidifier for Forced Air Systems RH Series (2594967 – RH-NAP,22)

The whole-home steam humidifier is the most advanced residential steam humidifier on the market. The Condair HumiLife steam humidifier produces clean atmospheric steam to humidify your entire home, which is critical for your health, comfort and preservation of valuable investments.

	<ul style="list-style-type: none">• Hygienic whole-home steam humidifier• Electrode steam technology boils water in a plastic cylinder – when cylinder reaches end-of-life, simply replace• Automatic control – set it and sleep easy• Smartphone App for remote control and monitoring• Easiest maintenance with industry unique cylinder exchange mechanism – no tools required• Integration into smart home platforms for flexible connectivity• Quiet operation• Automatic cylinder lifetime detection to avoid manual reset• Drain water automatically tempered to meet local plumbing codes• Patented auto-adaptive water management maximizes cylinder life• Direct furnace mounting or remote mounting
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Technical Specifications

• Dimensions H x W x D [in. (mm)]:	18.4 (467) x 10.4 (265) x 6.9 (175)
• Net weight / full weight [lbs. (kg)]:	19 (8.6) / 26 (11.8)
• Capacity @240V [lbs/hr / kg/hr / gpd]:	7.8 / 3.6 / 22
• Capacity @208V [lbs/hr / kg/hr / gpd]:	6.7 / 3.0 / 19
• Capacity @120V [lbs/hr / kg/hr / gpd]:	3.9 / 1.8 / 11
• Steam outlet diameter [in. (mm)]:	1.0 (25)
• Rated power (kW):	2.9 (@240V) / 2.5 (@208V) / 1.4 (@120V)
• Voltages:	110-120V / 208V / 220-240V
• Phase, Frequency:	1 Phase, 50/60 Hz
• Rated current (MCA):	12.0 A
• Max. breaker (MOCP):	15 A
• Water supply type:	Potable, cold water
• Water pressure required (psi):	30 - 80
• Water conductivity (µS/cm):	125 to 1,250
• Control device types:	Demand, RH sensor
• Control signal types:	Modulating, ON/OFF
• Furnace fan relay:	Yes
• Ambient temperature [°F (°C)]:	40 – 104 (5 – 41)
• Water supply connection size [in. (mm)]:	0.25 (6.35)
• Drain water connection size [in. (mm)]:	0.8 (20)

Included in the box

- Humidifier
- Quick start guide
- Steam distributor and gasket
- Steam hose (5 ft.)
- RH duct sensor
- Water supply hose (20 ft.)
- Drain hose (10 ft.)
- Hardware/fittings

Site requirements

- Drain
- Cold, potable water supply
- Forced air ventilation system
- 120V, 208V or 240V, single-phase, 50-60Hz power supply

Options

- Air proving switch (2598427)