

Reference Case



Designing Perfect Climate with Amy Storm

Condair MN Humidifiers

When building her dream home, Amy sought the highest-quality humidity control while ensuring a seamless integration with her home's aesthetic. This state-of-the-art solution enhances indoor air quality, comfort, and well-being with effortless elegance.

Installation Type
New Construction

Subsegment
Residential

Products
Condair MN

Year of installation
2024

Amy Storm is the Owner and Principle Designer at her interior design company, Amy Storm & Company. In 2023 she launched a project called Shelter for the Storms - a 12 month design/build of her own home utilizing key industry partners to join her on the adventure.

The Challenge

Humidity control is essential in Chicago’s climate, which experiences dry winters. Insufficient humidity during colder months can cause discomfort, respiratory issues, and damage to wood furnishings and structures. Maintaining proper indoor humidity levels helps create a healthier, more comfortable environment year-round.

To ensure optimal comfort year-round, maintaining indoor humidity levels between 40% and 60% is essential. Proper humidity regulation can enhance personal well-being, protect valuable home contents, and improve HVAC efficiency by reducing energy costs. Additionally, it safeguards homes from dry conditions which can affect structural integrity over time.

The Solution

After careful consideration, Amy Storm chose the Condair MN flexible humidification system, recognizing that no alternative could provide the precision and flexibility required for their needs. The MN system utilizes a mesh nebulizer to generate humidity without traditional ductwork, perfectly complementing the home’s radiant heating and forced-air cooling systems.



Storm Residence mudroom with custom painted Condair MN spray heads.



Storm Residence Living Room

“
The Condair MN Series flexible humidification system has been a game-changer for us. It allows us to enjoy our art and books without worrying about their preservation. The team’s expertise made the installation seamless, and we appreciate the ongoing support.

– Amy Storm (home owner) ”

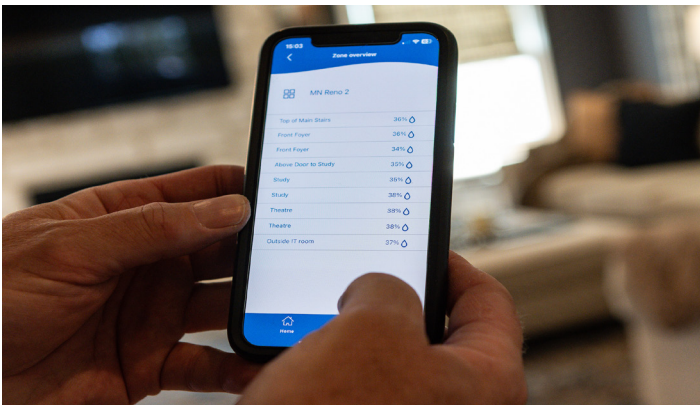
Installation Process

The installation process was meticulously planned and executed over a 9-month construction timeline. Condair played a managerial role, coordinating with the authorized contractor to install the housing and conduit during the rough construction phase. Walk-throughs involving the homeowners, architect, general contractor, and subcontractors ensured that everything was aligned with the project's goals.

As the project neared completion, Condair returned to install and commission the humidification equipment, culminating in a final handoff and training session on the move-in date.

Results

The Condair MN flexible humidification system has transformed Amy's home into a sanctuary of comfort and wellness. Its advanced technology supports year-round humidity control, enhancing indoor air quality and protecting valuable possessions like art and books. The seamless installation process and expert support from Condair were instrumental in achieving these results.



Condair app. The app let's you control the humidity levels in your home remotely, creating piece of mind.

Conclusion

Amy Storm's Shelter for the Storms project showcases the importance of precise humidity control in achieving comfort, efficiency, and protection in a modern home. By partnering with Condair, Amy successfully created a residence that reflects her design vision while meeting the challenges of Chicago's climate. The Condair MN system exemplifies how innovative technology can enhance both form and function in residential projects.



Condair MN unit and spray head.

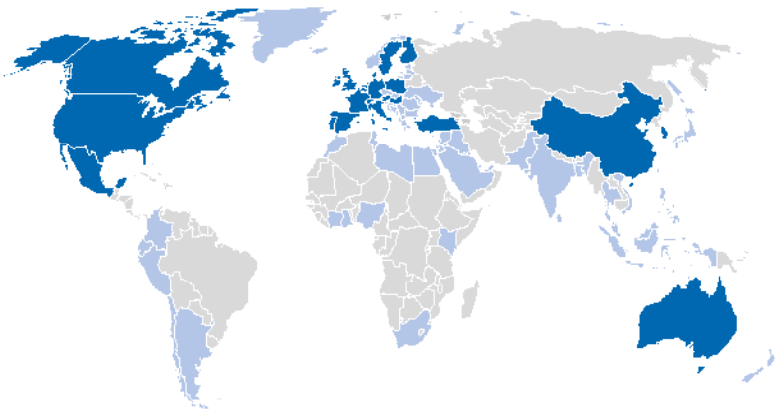
Condair Group,

founded in 1948 and based in Switzerland is the global leader in humidification, dehumidification and evaporative cooling.

Supported by science, we engineer individual, holistic solutions that customers can trust through the entire lifecycle.

With optimal humidity, we increase productivity and create healthier built environments.

Condair Group has production sites in Europe, North America and China, its own sales and service organizations in 23 countries, and representatives in 50 locations worldwide.



75+ Years of Industry Leadership in humidification and evaporative cooling solutions



Global Sales and Service offices in 23 countries



Worldwide coverage with operations and support in over 50 countries



Swiss-Made Quality designed and manufactured with high precision and quality standards



Broad Product Range across steam, adiabatic, and hybrid humidification for diverse applications



Energy-Efficient Solutions that reduce energy consumption by up to 80 %



Certified Health and Safety Compliance meeting strict international health and safety standards (ISO 9001, ISO 14001)

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