



## PREVENTIVE MAINTENANCE

Comprehensive service offerings  
to meet your needs



Humidification and Evaporative Cooling



# MAINTAIN PEAK PERFORMANCE AND EFFICIENCY

Condair is a leading manufacturer of commercial and industrial humidification systems for more than 70 years. We have state-of-the-art products, using the latest industry technologies along with our expertise, to meet the needs of any application. We are dedicated to providing the highest quality of service, maintenance, and care for your humidifier while certifying the system's quality and reliability year-after-year.



Wear and tear can affect the performance of any humidification system. Preventive maintenance can go a long way to optimize production time by addressing potential problems before they become costly emergency repairs.

## ADVANTAGES

- Increased humidifier reliability
- Reduced downtime
- Optimized performance
- Extended product operational lifetime
- Energy savings to reduce carbon footprint

Condair understands the importance of your humidification system, which is why we want to provide our customers with full access to the industry's best support system. Enjoy the peace of mind that your humidification needs will be met year-after-year with the available Preventive Maintenance offerings.

## BENEFITS

- Offerings tailored to your specific requirements
- Reduced long term costs
- Free delivery on planned consumables
- Free technical advice and telephone support
- Priority response for on-site service calls
- Service history reports
- On-site training for contractors, engineering partners, and end users
- Easy availability of parts
- Professional advice on your humidification requirements
- Manufacturer expertise directly on-site

# COMPREHENSIVE SERVICE OFFERINGS

## ANNUAL

The Preventive Maintenance Annual offering is our standard service offering. It includes an annual service visit with water test, a complete system and operations review, priority response for on-site calls, and unlimited telephone technical support.

## SEMI ANNUAL

With the purchase of the Preventive Maintenance offering, the Semi Annual is an add-on offering which nearly doubles your services throughout the year for customers that require it, or prefer a more frequent service plan.

Protecting your equipment is an investment into future cost saving opportunities. Routine inspections and the servicing of equipment can lengthen its lifetime. It can also prevent larger problems from occurring, while providing a hygienic environment to work within.

Condair encourages customers to continue with preventive maintenance year-after-year to maintain equipment peak performance and efficiency.

SERVICE FUNCTION	Annual	Semi Annual
<b>System Review</b>		
Overall system function test	■	■
Water consumption meter reading	■	■
Pump reading of running hours	■	■
Water quality test (Cl, pH, hardness)	■	■
Inspect brine tank salt levels	■	■
Control weekly monitoring checklist	■	■
Inspect nozzle spray patterns	■	■
<b>Pump Unit</b>		
Filter(s) replacement	■	■
Check condition of pump	■	■
Solenoid valve(s) test	■	■
Change gasket kit in high pressure relief	■	
Functional test of the high pressure gauge	■	■
Functional test of pressure switch	■	■
Service inspection/rebuild of PAHT pump	■	
Test ON/OFF Valve	■	■
Inspect electrical connections in control cabinet	■	■
<b>Reverse Osmosis System (if used)</b>		
Conductivity measurement at inlet, outlet and drain	■	■
Overall function and settings test for the RO system	■	■
Leak testing	■	■
Performance test (ratio of product water to drain)	■	■
Valve(s) test	■	■
Sterile breather filter replacement	■	
RO membrane replacement	■	
Tank disinfection/cleaning	■	■
<b>UV System (if used)</b>		
Functional test of UV system	■	■
Quartz glass replacement on UV system	■	
UV lamp replacement	■	
<b>Humidity Sensor(s)</b>		
Humidity sensor test/adjustment (replace if $\pm 10\%$ deviation)	■	■
Max humidity controller check (max hygrostat)	■	■
<b>Controls Unit</b>		
Transfer relay replacement	■	
Contactors K1 test	■	■
Contactors/thermal relay replacement	■	
<b>Hygiene</b>		
Bactiquant® test	■	■
System disinfection/cleaning	■	■

## QUICK AND ACCURATE WATER TESTING

As part of the Preventive Maintenance offering, Condair is dedicated to providing the highest quality products and services with a major focus on hygiene and sanitation. We know the importance of clean water and the detrimental effects of bacteria on individual health. Utilizing innovative technologies, our customers are assured of absolute system hygiene and reliability.

Condair's technicians are highly skilled personnel with extensive experience in installing and servicing our systems. We strive to give you peace of mind in the knowledge that you have a safe, professional, and competent contractor working with you.

## BACTIQUANT® WATER TEST - US-EPA VERIFIED TECHNOLOGY



Bactiquant-water is a patented method developed to document and quantify bacteria in drinking water and utility water systems. This patented method reduces the analysis time for total bacteria from days to minutes and is verified by the United States Environmental Protection Agency (USEPA).

The analysis provides quick, accurate results and relevant information about water treatment processes in conjunction with the microbiological water quality. Furthermore, it affords a comprehensive quantification of total bacterial presence that includes planktonic bacteria, particle associated bacteria, anaerobes and aerobes.

The Preventive Maintenance offering include one annual Bactiquant-water test with instant on-site certification. Each test includes an analysis of water from the pump station and a humidification head to capture the real-time hygiene of the system. To ensure correct and reliable measurements, all of our technicians are certified to perform the water test through an extensive BactiQuant training program in accordance with the protocol described by Mycometer Inc.

Bactiquant-Water is patented and trademarked by Mycometer.

**mycometer**  
rapid microbiology – on-site technology



**US-EPA**  
verified technology

**ASHRAE** innovation  
award recipient

The Condair Group, founded in 1948, with its Head Office located in Pfäffikon (SZ) / Switzerland, is the world's leading manufacturer in the field of commercial, industrial air humidification and evaporative cooling with over 750 employees. With its innovative air humidification systems, Condair sets new standards in the comfortable and energy-efficient "hydration" of indoor air. With the new HumiLife product portfolio, Condair also offers individual solutions in health, productivity and sustainability for offices and private households. Scientific studies prove that a relative humidity of between 40 - 60 % is optimal for our immune system, successfully fights viruses and bacteria and protects our health. The Condair Group consists of sales and service organizations in 22 countries, production sites

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