

# Service & Maintenance



PH15 Humidifier



Harry Humidifier



PH28 Humidifier



Robert Humidifier

## Defensor, Stadler & BONECO Humidifiers

- Products covered
- Servicing explained
- Contract information

## Portable Humidifiers

# Why is a service essential?

It's important to perform regular maintenance and servicing on your humidifiers to ensure they are working efficiently and keeping the environment at the preferred humidity levels.

Portable humidifiers are relatively simple and low cost to run but they will accumulate both lime-scale and sludge build-up if they are not cleaned and maintained regularly.

**Six monthly service** is recommended for preventing failure, compliance with HSE guidelines and ensuring efficient performance is maintained.

Novatron Scientific has a team of qualified, experienced engineers who will visit your premises to carry out preventative maintenance and make sure that your portable humidifiers remain safe, efficient and reliable.

## Benefits of regular servicing:

- ✓ Reduces operational costs
- ✓ Complies with HSE guidance
- ✓ Protects artefacts
- ✓ Eliminates fluctuations of temperature & humidity
- ✓ Keeps air purified
- ✓ Safe & efficient operation
- ✓ Continued reliability
- ✓ Regular servicing and maintenance can extend the life of a humidifier



Both images: © Ashmolean Museum, University of Oxford

**With regular servicing, the lifespan of a humidifier can be extended from 4+ years to 20+ years**



# What happens if a humidifier isn't serviced regularly?

If a humidifier isn't serviced it won't be able to deliver correct levels of humidity and its energy consumption may increase. It will also risk becoming unhygienic and present a risk to health and surface damage to materials in the room.

Some facts that the HSE states about the risks of not maintaining & disinfecting humidifiers

Any water system is potentially a reasonably foreseeable health risk if it has any of these factors:

- Stores and/or re-circulates water
- The presence of bacteria in the system water
- Where the water temperature may be between 20-45°C
- A means of creating and/or spreading breathable droplets, (aerosols)
- Likely to contain a source of food for the organism, such as contaminants from the surroundings (VOCs) or process including presence of sludge, rust, scale or organic matter



# Portable Humidifiers Essential Service & Maintenance

Novatron Scientific has a team of qualified, experienced engineers who will visit your premises to carry out preventative maintenance and make sure that your portable humidifiers remain safe, efficient and reliable.

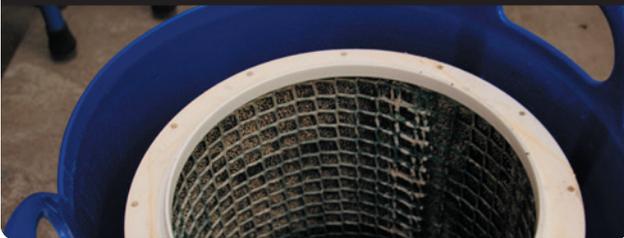
## Servicing

Regular service, cleaning and replacing consumable parts is essential to get the best from all types of humidifiers as dust and lime-scale are always a problem.

Our service contract provides you with support to protect your investment to ensure longevity. We have machines that are still in use by customers after 20+ years. These units have a 6 month service interval.

### Benefits of a maintenance contract:

- ✓ Maintain energy efficiency
- ✓ Continued reliability
- ✓ Continue to deliver the level of humidity it was designed to provide
- ✓ Safe & efficient operation
- ✓ Prevent mechanical failure
- ✓ Prevent lime-scale build up, bacteria and mould growth



## Preventative Maintenance

Planned maintenance of your humidifier will ensure reliable and safe operation all year round and reduces the risk of it failing.

We recommend at least two planned inspections each year. One should be during the autumn, before the weather turns cold. The other should be early spring to check that the humidifier is still working efficiently following the higher use over the colder weather.

Portable humidifiers are relatively simple and low cost to run but they will accumulate both lime-scale and bacterial/fungal build-up if they are not cleaned and maintained regularly.

Our preventative maintenance contract includes top to bottom inspection and maintenance of your humidifier as well as training for your on-site staff.



6 monthly service



On site service



Experienced engineers



Competitive prices

# What to expect with an essential service & maintenance contract

Our efficient process ensures your portable humidifiers are always running reliably.

## Process:

- Step 1:** Confirmation/reminder of scheduled visit
- Step 2:** Experienced field-service engineers visit your premises
- Step 3:** Cleaning, disinfection and de-scaling to ensure safety and efficiency
- Step 4:** Replacement of contaminated filters and evaporator mats
- Step 5:** Exchange of heavily scaled internal parts
- Step 6:** Repair and replacement of faulty components; common spares carried
- Step 7:** Recalibration of internal sensor / controller
- Step 8:** Full service report issued upon completion

**On site service & full technical support**



We are fully Safe Contractor accredited to assure good working practices and great care is taken, essential when working amongst valuable works of art.

All spares and consumables are stocked to facilitate the best possible use of all humidifiers during their life-cycle.



We recommend changing the setting to 45% during frosty weather, unless you have a plumbed in (auto-fill). This is because the tank may need filling too often to keep up with, and humidity shall drop when the tank empties (e.g. overnight, weekend, bank hols etc.)

Contact us to find out more about the Portable Humidifiers Essential Service & Maintenance Contract

Contact us