

CLEANING RADIATORS

CLEANING RADIATORS IN REAL LIFE

In practice, cleaning radiators often presents a particular challenge. The job is extremely laborious and time-consuming, and consequently unpopular. Often, the result is rather unsightly too – the before-and-after comparison is usually not very impressive.

However, regular cleaning is particularly important in areas where elderly or ill people spend time, because as well as fluff and fibres, pollen, spores and dust mites also settle on the radiators. When the radiators are switched on after a long summer, these are dispersed throughout the room and can be harmful to the elderly or sick.

In workshops, production halls and public buildings such as schools and government offices, too, the radiators need to be cleaned – albeit rarely, but occasionally nevertheless.



Flat radiator - before
(with cleaning between the panels)



Flat radiator - after
(with minimal puddle formation below)

HOW RADIATORS WERE CLEANED SO FAR

Radiators are traditionally cleaned by hand, usually with household or professional cleaning products, which are added to the cleaning water or sprayed directly onto the surface. Despite the use of cleaning products, manual cleaning is time-consuming and requires a great deal of effort for the 'scrubbing'.

The rear panels and the inner surfaces between the heating panels present a particular challenge time and again, as these are very difficult to reach, yet naturally accumulate dust, pollen, spores, mites and so on just as much as the front surfaces do.

HOT CLEANING IN HOSPITALS AND HOMES FOR THE ELDERLY

One of the most remarkable applications of our technology is the cleaning of radiators in hospitals and care homes: These are usually cleaned once or twice a year, but residents are often unable to leave their rooms whilst the cleaning is taking place. Given their fragile health, it is essential that dirt – including lint and fibres, as well as dust mites, spores and pollen – is not spread throughout the room.

As it is difficult to get a cloth between the fins of a radiator, particularly with modern flat radiators, some of our customers use our technology for cleaning the radiators: The radiators are sprayed from above, and the dirty water is collected at the bottom using a simple rectangular container. This works brilliantly, is extremely quick, and does not disturb the residents.

HOT CLEANING IN FACTORY AND PRODUCTION HALLS

Low-pressure hot cleaning also works exceptionally well in factory or production halls, where flat radiators often become heavily soiled over time with fibres, dust and splashes of coffee or oil, and in many cases with films of oil from cooling lubricants or other industrial residue. Here too, the high temperatures of up to 95°C quickly dissolve the dirt, which is then efficiently removed with the low pressure. Also thanks to the low pressure, very little water is required, meaning it can either be collected in a 1000 KW-FP dirt water collection tray or easily vacuumed up using a wet vacuum cleaner.

It proves particularly helpful time and again that the radiators can be cleaned quickly and easily not only from the front but, with the aid of the correct lances, also from the rear and between the panels – in places that are practically inaccessible even when cleaning by hand.

THE BENEFITS OF LOW-PRESSURE HOT CLEANING IN A NUTSHELL

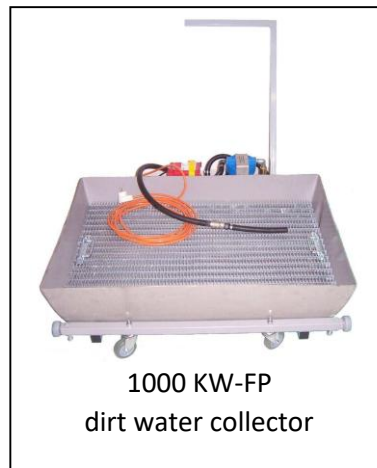
- Fast and efficient cleaning with minimal mechanical finishing – saving working time.
- Significantly more comfortable, quicker and more efficient than cleaning by hand.
- Easy access even to difficult areas, particularly rear and internal walls, thanks to practical spray lances.
- No flooding, no splash-back, no clouds of droplets, no spreading of dirt around the room – this protects staff, the occupants of the room, and the environment.
- Cleaning with hot water rather than chemicals; if anything a drop of soap may be added; hence minimal costs for procurement and disposal, and no health issues.
- Mobility: The units are mobile and, thanks to their own water tanks, largely self-sufficient; therefore ideal for on-site use.
- Environmental protection: Hardly any chemicals and little water – this means greater environmental sustainability and lower costs.
- Health: Easy handling and no spray effects mean greater occupational safety for staff and no risk to the elderly or the sick.

In summary: Low investment, resource-efficient and environmentally friendly, virtually no running costs, increased occupational safety, a significantly more pleasant working environment, and significant time savings.

WHICH DEVICE IS RECOMMENDED?

For cleaning radiators, we generally recommend our 1000 SRE, which has its own 60-litre water tank, allowing you to work without a water connection – meaning you don't have to drag a (cumbersome) garden hose behind you. If the latter isn't a problem, our 1000 SRK-AS-EA is an excellent alternative.

Both machines are portable, so you can clean directly on site. Both units can be ideally combined with a 1000 KW-FP dirt water collection tray – this is generally flat enough to fit under the radiator and can collect the service water, filter it and, in the case of the 1000 SRE, pump it back into the cleaning unit. This allows the service water to be recycled as well, making the method even more environmentally friendly.



STILL NOT CONVINCED?

We would be happy to demonstrate the equipment to you at your location. Please contact us to arrange a no-obligation demonstration by calling +49-711-518 0600, emailing info@ph-cleantec.de or using the contact form on our website. We will get back to you as soon as possible.