



smart**WATER**filters
LIMITED



Allergy and
Environmentally
Friendly with

DIRO®

Ultra Clean
Water Technology





The benefits for the ... hospitality & laundrette industry

Running a commercial laundry in a hotel, for caterers or restaurants, or even supplying a commercial laundrette for the domestic market means that you are likely to be dealing with a huge amount of laundry, which requires a fast turn around time.

Costs associated with running a business of this kind can be equally large. You can dramatically improve turnaround time and keep costs under control by installing a patented DIRO® water filter system in your laundry room.

DIRO® water filter systems are the smartest solution available, suitable for laundry rooms that have single or multiple washing machines. Our sleek, Scandinavian designed water filter systems are installed by authorised and highly trained staff with the minimum disruption to your normal routine. The unit is simple to operate and sits alongside your existing washing machines or in a currently unused space.

Once it is connected to your existing plumbing, water is taken into the unit and processed via the filter system in order to deliver ultra-clean water to the washing machine. This filtered water is used to wash fabrics without the need to add fabric softeners, detergents or water softening agents. Full training is given to your staff to ensure safe and proper use of the unit.

Protect your equipment

DIRO® water filter systems require no additional chemicals to be purchased or added to the water. The wastewater created is free from any additives and the treated water protects the existing plumbing and pipework by depositing no residue in the pipes during operation. This means that plumbing systems never become clogged with excess detergent residue. This in turn means they are less likely to need maintenance leading to unnecessary down-time in your laundry operations.

When it comes to your actual washing machines, DIRO® water filter systems can prevent the need for regular maintenance here too. The filtered water is free from elements that can collect and damage working components. Using a DIRO® water filter system will increase the life of your washing machines.

Protect your staff and residents

Contact allergies are on the rise. This is partly due to the increased efficiency of washing machines. They are designed to use less water. This however means that stronger detergents are required to reach the same standards of cleanliness. Many detergents contain chemicals to disguise stains or dirt and give the illusion of whiteness to fabrics.

Harmful black mould, Mycotoxin, can grow in the detergent compartment of the washing machine. This mould becomes airborne and is known to be carcinogenic.

Installing a DIRO® water filter system to your washing machine can eliminate the development of this mould and since no detergents are required, no Zeolites are present in the clean washing.

Powder laundry detergents use a chemical called Zeolite. The residue from Zeolite is left on the washed fabrics as a fine powder, even once fabrics are dry. The minute particles are small enough to pass through the airways into the lungs. This is known to be harmful to human health.

As a result, the conditions in which your staff work are improved, there is less clutter in their work space which can be the cause of trips or falls if incorrectly stored. Time off due to staff sickness is reduced as the environment in which they work is cleaner and healthier.

The health and well-being of your residents is also protected. DIRO® water filter systems rely on the quality of the ultra-clean water rather than unhealthy chemicals to give true cleanliness to fabrics. No detergent or additive use means there is no residue left on the washed laundry which could cause contact dermatitis or aggravate other skin conditions such as eczema. Laundry is extremely clean and carries a neutral smell.

Protect the bottom line

There is no longer any need to purchase detergents or fabric softeners as the washed laundry is both clean, soft and fragrance-free when it is dried.

Electricity usage is reduced dramatically. Using a DIRO® water filter system means that drying times are shorter as the fabric is less saturated with water held in place by detergent use. Installing our DIRO® water filter system can mean your cost-per-wash is reduced with an additional saving of up to 40% off your drying machines electricity costs.

Maintenance of your equipment and plumbing systems is drastically reduced.

Protect the environment

Our environment is under threat from the vast amounts of chemicals and waste products we create in the pursuit of cleanliness. 90% of all the chemicals present in our sewage water comes from general cleaning tasks.

Our innovative DIRO® water filter system means that all laundry can be washed at 30 degrees or less and drying times are shortened. This is far kinder to the environment as less electricity is used.

The lack of detergent and other chemical use, using less water and consuming less electricity are all huge environmental benefits. Using DIRO® water filter systems means you are one step closer to reducing your carbon footprint and complying with sustainability goals and COSHH guidelines in your business.

Ready to go Detergent-Free with DIRO®?

We are 100% committed to improving the environment, saving you money and ensuring your staff and clients stay healthy.

WHO WE ARE

Smart Water Filters are committed to bringing detergent free laundry and washing facilities to the UK and into your business or home. Our industrial and domestic water filter systems are of Scandinavian design, environmentally friendly, affordable and unique.

Our detergent free washing units are simple to install, easy to operate and we offer a comprehensive service package throughout the lifetime of the product. It is also possible to customise some of our models to fit your specific requirements.

Become part of the cutting edge revolution in commercial and domestic laundry. Ask us how we can help your company or household cut laundry costs and become part of the Smart Water Filter journey towards a cleaner, healthier environment for you, your employees and end users.



CONTACT US



+44 (0) 1234 889743



info@smart-water-filters.com



smart-water-filters.com



SWF® United Kingdom & Ireland