

Portable cleaning unit for sterilizing water systems after lockdown

As British companies begin to think about 'life after lockdown', and to consider re-opening offices and warehouses, experts are reminding them that there is yet another flu-like disease that they have to consider, and that is Legionnaire's Disease.

During the lockdown, domestic water services feeding storage tanks, calorifiers and pipework will have been unused, giving the possibility of a proliferation of Legionnaires' bacteria in the water system. Building management companies are being urged to take water samples, have these tested by a professional laboratory, and if necessary flush systems with sterilizing chemicals to make the water systems safe before staff return to work.

The Scalebreaker C210 chemical resistant pump from Kamco is purpose built for circulating biocides and chlorine solutions throughout heating and hot water services. The portable unit is temporarily connected into the water system during the operation. Chemicals are enclosed at all times within the tank, hoses or equipment being cleaned, minimising fumes and splashes and risks to operators.

Official guidance is that consideration should also be given to the cleanliness of water storage cylinders and calorifiers. These can accumulate scale and debris on the base, and unless this debris is removed it can screen legionella and other bacteria from the effect of biocide treatments. The Scalebreaker C210 can also be used to circulate acidic descaling chemicals to remove the screening debris before biocide treatment.

Other applications are acid washing package boilers and descaling large plate and tubed heat exchangers without the need for dismantling.

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IMMEDIATE RELEASE

Enclosed: diagram of C210 descaling pump coupled to calorifier for cleaning and sterilizing