## Conserve water resources and reduce maintenance costs

Categories : News, Water & Waste Water

Date : 21. May 2021

To maintain the required temperatures, fouling on plate-fin heat exchangers forces the rotors to run at a higher speed. As a result, they require considerably more electrical energy. If the fouling is too severe, the rotors cannot ensure sufficient air exchange even at maximum speed, which reduces the efficiency of the cooling circuit. As a consequence, the compressor has to apply significantly more power and the power consumption of the cooler or air conditioner increases.

## Cleaning bus cooler

JetBoy SP is the smaller brother of JetMaster. Its use is almost always sufficient for cleaning the fin heat exchangers of air conditioning systems. The advantage over the larger device is the much lower compressed air consumption from approx. 1.50 m<sup>3</sup>/min. This already makes the use of compressors with capacities of 10-14Kw possible.

With a compressed air consumption of 1.50-2.25 m<sup>3</sup>/min. from 5 bar pressure, the new device offers new possibilities for cleaning the heat transfer apparatus of air conditioning systems and radiators. The JetBoy SP works without current with min. 0.20 I water per minute. Due to the cavitation effect of the nozzle jet, cleaning of heat exchangers without any use of chemicals is usually completely sufficient. For special problems and the cleaning of other surfaces, however, the product can also be used with a cleaning agent or even a disinfectant. The approved cleaning agent for this is supplied with the product. The sensitive fins of the heat exchangers are not damaged by the gentle jet cleaning with JetBoy SP.

"For us, the JetBoy is the optimal device for cleaning our V-coolers. The handling is simple and trouble-free. Since the surfaces of our finned heat exchangers do not get dirty everywhere in the same way, we can now take action selectively as needed, even in addition to the normal cleaning interval. In this way, we can always keep our heat exchangers at an optimal performance level without much effort."

- Mr. Wockenfuß, Head of Data Center Services