Coil Cleaning Improves Air Flow At Commercial High-Rise Building

Problem
A high-rise office building in the Midwestern U.S. was having difficulty cooling down office space throughout the facility. The facility manager was looking for a cost-effective solution to help increase air flow throughout the building so a cooler temperature could be easily maintained within each office area.

Analysis
Chem-Aqua Services surveyed the site and recommended professional coil cleaning work for the building’s air handing units (AHUs). A combination of chemical and steam cleaning was suggested due to the location of the AHUs. By employing both methods, a much better improvement in air flow was expected than if only chemical or only steam were used.

Solution
The customer agreed to the coil cleaning and Chem-Aqua Services performed the work. After the AHUs were cleaned, the increase in air flow ranged from 30-52% higher than prior to cleaning. The improved air flow resulted in such a marked difference that one of the building tenants actually had to move his desk from beneath the air vent as it was now delivering such an increased volume of cool air. The customer was tremendously pleased and arranged to have Chem-Aqua Services clean another building he managed.

The customer was so pleased with the coil cleaning work, and the subsequent increase in air flow, that he scheduled future coil cleaning business with Chem-Aqua Services.