

One Government Center Government Office Building Toledo, Ohio

HydroPlex Installation



OVERVIEW:

This high-rise office building's heat exchangers and chilled water loop were heavily scaled. The system was unable to adequately cool the building, even with water control valves wide open. Its plumbing conduits were severely restricted.

ACCOMPLISHMENTS:

To remove the heavy existing scale, The HydroPlex™ was installed. The heavy scale required that purge water be retained in a separate tank for progress monitoring. Within three weeks of HydroPlex installation, large quantities of detached scale fragments began accumulating in the purge tank. During the next several months all plumbing conduit and coils were completely de-scaled. The air conditioning system now operates at designed efficiency. As the scale dislodged water flow increases were dramatic enough to require that water flow control valves be adjusted downward 3 times in on year. This was needed to prevent the chilled water temperature from going too low.

