

Knollwood Country Club

In 2018, Sunrise completed an overhaul of the heating and hot water systems at historic Knollwood Country Club (est.1894) in Westchester County, NY. The club's mechanical room housed two very old Burnham boilers and one newer Burnham cast iron boiler with a combined 1.35 million BTUs of heating capacity serving the club's central heating and domestic hot water needs. The boilers, however, were found to have been piped incorrectly causing frequent service calls and thermal shock to the boiler castings, which created leaks and failures and a system efficiency of 50% at best, contributing to high utility bills!!! Sunrise's solution was to install one new 95% efficient Burnham Alpine boiler, retain the existing, newer Burnham boiler, and pipe them together correctly twinned. Controls were added that allow the club's mechanical demands to be satisfied 80% of the time by just the new Alpine 800,000 BTU boiler.