

Milner Air Conditioning Services

Rochester, NY

Century Mold Co. saves money while increasing comfort with Milner Air Conditioning, a NYSERDA Business Partner.

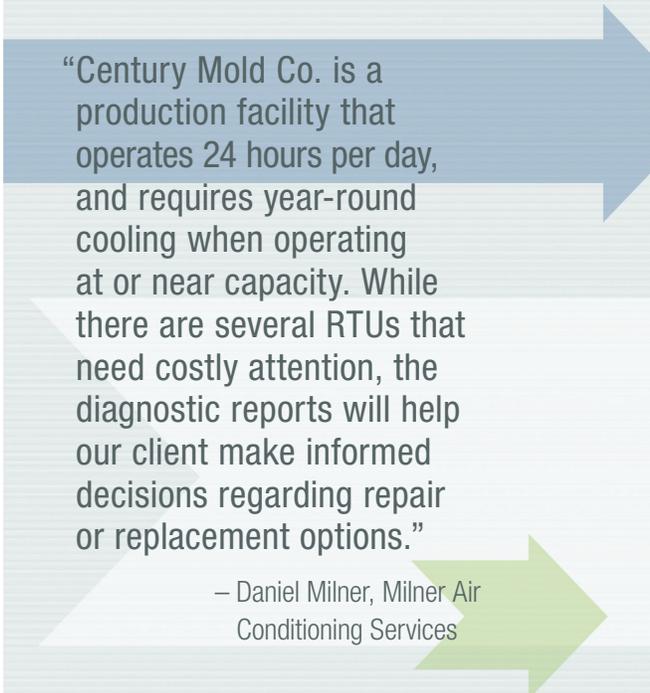
BACKGROUND

Milner Air Conditioning Services recently became a participant in the NYSERDA HVAC Business Partners Program. Milner technicians were trained on the ANSI/ASHRAE/ACCA Quality Maintenance (QM) Standard 180 and advanced diagnostics to properly optimize commercial rooftop air conditioning units. Already covering approximately 85% of those measures required under NYSERDA's program, Milner maximized its services by making full QM part of its routine maintenance program.

PROJECT RECOMMENDATIONS

Following the ANSI/ASHRAE/ACCA QM Standard for rooftop air conditioning units and economizers, Milner technicians discovered several of the units had plugged return air registers high in the ceiling. They advised their customer that these registers were restricting airflow. The diagnostic "test in" reading failed, proving that the HVAC system was not performing at optimal efficiency. Understanding the positive impact improvements would make on its working environment, the customer requested Quality Maintenance services, which included:

- A thorough unit cleaning.
- Evaporator coil cleanings.
- Basic system adjustments to optimize operating condition.



“Century Mold Co. is a production facility that operates 24 hours per day, and requires year-round cooling when operating at or near capacity. While there are several RTUs that need costly attention, the diagnostic reports will help our client make informed decisions regarding repair or replacement options.”

– Daniel Milner, Milner Air Conditioning Services

RESULTS & BENEFITS

The team serviced 14 rooftop air conditioning units at Century Mold Co., ranging in size from 4 to 25 tons, and from 4 to 24 years. Using the Standard 180 for Quality Maintenance allowed technicians to clean, adjust and repair various components of the HVAC system as necessary. Milner Air Conditioning Services used a diagnostic tool to confirm each unit was correctly optimized, and has made Quality Maintenance part of its routine maintenance plan at no additional cost to their customers. Estimated energy savings for these 14 units is 26,932 kWh or approximately \$4,300 saved over the cooling season (at 16 cents/kWh). In addition to energy cost savings, Century Mold Co. has eliminated further comfort-level complaints.

“We normally get a number of complaints from our workers because of high indoor temperatures and humidity during operations this time of year. After the Quality Maintenance service we have not received any complaints so far. I’m also very impressed with the projected energy savings.”

– Greg Pike, Maintenance Manager,
Century Mold Co.

