

MUSKOKA GROW OP

MUSKOKA | ON



16 FREE COOLING 30 TON MODULES

The two key factors when determining an HVAC solution for a grow op in Muskoka was high efficiency and control over the HVAC system. Further, there were many different conditions to take into consideration including correct temperature, humidity control, and correct airflow throughout the grow rooms. Chillers were the optimal choice for this process application as we can have close temperature control and large water volume, which is easy to control to the exact set point. Chillers are used to dehumidify the grow rooms which is a critical stage in the operation. Since cooling is required year round for dehumidification, Aermec free cooling chillers are the ideal solution.

To take the solution even further, we suggested either large free cooling chillers or multiple modules with our free cooling NYB units. The modular option not only provided temperature control but also can assist with any potential servicing in the future. There are 16 modular free cooling NYB chillers on this project. The hydronic side or mechanical side can be serviced effortlessly by isolating an individual unit. If something had to be serviced on a single large unit, approximately 50% capacity would be lost. However, with the modular NYB option, only about 6% capacity would be lost. Now, there is complete control over the HVAC system.

The job site currently has large air handlers for airflow and air treatment, boilers for heating, and Aermec free cooling chillers for cooling all year round. Aermec has been installed in many different grow ops throughout North America as chillers are the ideal solution for grow op applications.

AERMEC OFFERS



ENVIRONMENTALLY
FRIENDLY
SOLUTIONS



INTERNATIONALLY
RECOGNIZED
CERTIFICATIONS



ITALIAN QUALITY,
DESIGN, AND
RELIABILITY



FULL RANGE OF
INNOVATIVE
HVAC SOLUTIONS

Aermec is distributed by Master Distributor Mits Airconditioning Inc. in North America

Aermec.us • CAN: 1-800-567-2221 • US: 1-888-567-2227 • help@aermec.us