


THE 2024-25 SEASON REPRESENTS AN EXCITING LEAP FOR ONTARIO CURLING CLUBS:

Leading the Digital Revolution for the 2024-25 season are Manotick, Bancroft, and Capreol Curling Clubs, as these facilities have embraced fully digitalized systems that deliver reliability, efficiency, control, and cost savings. This transformation, driven by the OLPP  on ice, sets a new standard in ice management that will propel these clubs and the sport of curling forward for many years to come.

STANDING OUT IN THE CROWD

So, how does OES "do ice" differently from everyone else? The answer lies in the innovative approach of digitalizing the entire system to manage temperature and system loads. By implementing the highest level of connectivity and digital controls, OES offers precision that surpasses conventional methods. Instead of cycling compressors that often result in over- or undershooting temperature setpoints, systems are designed with non-overloading variable speed scroll compressors to precisely match the heat load coming into the ice with how quickly it is extracted. All this is done with fully electronic components and thousands of data points directing system response.

Cycling compressors lead to temperature swings of 3-5 degrees Fahrenheit. These fluctuations create inconsistency across the ice slabs, leaving technicians scrambling to maintain the playing surface. The OLPP  on Ice, however, offers seamless digital management. It monitors the entire facility and activities, automatically controlling the system's response and ensuring steady, even temperatures across the slabs.

The impact of these systems is a game changer for Bancroft, Manotick, and Capreol Curling Clubs—facilities that vary in size and use different base materials and cooling



mediums. Despite these differences, all three clubs have already seen substantial improvements during startup, especially in energy savings. The systems pulled down rapidly, without requiring manual alterations during high load pull down – the system does this automatically, using a fraction of the energy compared to their previous setups.

The real results? OES's platform has demonstrated a deviation of just 0.2 degrees Fahrenheit in brine or glycol, delivering a maximum temperature variation of only 0.7 degrees Fahrenheit across the ice slabs. This level of control is key to creating superior ice conditions, which members and facility managers value highly.

DESIGNED FOR MAXIMUM PERFORMANCE & SAVINGS

OES designs its systems with both performance and cost in mind, ensuring that clubs achieve the best possible ice quality while keeping operational and investment costs low. The system's digital platform is ready to go right out of the gate, requiring no manual intervention, allowing club staff to focus on delivering an exceptional curling experience.

THE FUTURE OF CURLING

For Manotick, Bancroft, and Capreol Curling Clubs, the future of ice management has arrived. With cutting-edge digital technology, these clubs are experiencing improved ice conditions, energy efficiency, and reduced operational headaches. And what's left to do for the curlers? Get on the ice and Hurry Hard!



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