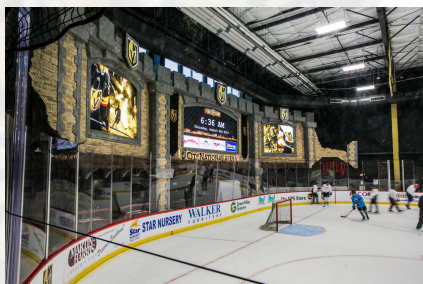




The Eco Chill provides savings and superior ice at the practice facility and team headquarters of the Vegas Golden Knights.



“Even with elite players and a high load on the facility during our showcase tournaments, the Eco Chill can hold the ice all day long, year round.”

- Jeremy Brant, Director of Operations, City National Arena

Due to the volume of visitors and caliber of ice required, the organization wanted a system it could count on that provided the best ice quality, ran on a sustainable natural refrigerant and had the lowest operating costs, says Director of Operations, Jeremy Brant. “In the past I worked at an arena with a synthetic system—we couldn’t rent the second sheet of ice during college games because the system could not keep up, which was a loss of revenue for the building.” Brant says a system that prioritized energy efficiency was also important. He learned about the Eco Chill’s heat recovery technology earlier in his career. “The first time I saw one in action was in Lockport, NY, where the facility was using the waste heat from the system to warm the sidewalks, which meant the staff saved time by not having to shovel snow.”

The Solution

The facility installed a full Eco Chill package, with two Eco Dry units that provide 100 percent of the dehumidification. The system runs on ammonia, which is climate-friendly with zero Global Warming Potential. “With an ammonia-based system, it’s there when I need it to perform during the warmest times of the year,” says Brant, who also likes the safety aspect of ammonia. “Refrigerants are all dangerous, but with a synthetic refrigerant, if there is a leak, it’s odorless, which can put the staff in an unsafe situation. With ammonia you can smell it, rather than relying on a light or another indicator that may not always work. Because of this, I believe the staff respects the system more.”



Read the full case study on our website:

<https://www.cimcorefrigeration.com/resources/project-profiles/case-study-city-national-arena-las-vegas-nv>