



PRINCETON DAY SCHOOL



## U.S. Princeton Day School Raises the Bar with All-in-One CO2 Ice Arena Solution

**This will be the most sophisticated, state-of-the-art CO2 system ever to be installed at a North American school, paving its way to net zero and setting the gold standard for future-proof sustainability.**

Princeton Day School (PDS) has long been committed to the protection of environmental resources. The school considers sustainability, environmental education, and the modeling of ecological decision-making within the institution an essential aspect of its work.

Leading by example, PDS decided it was time to upgrade the aging R22 refrigeration system serving its NHL-sized ice arena. With the changing regulatory landscape and subsequent rise in R22 refrigerant pricing, it was no longer feasible to maintain the system that was fast reaching its end-of-life as well.

The school hired a consulting firm to do a feasibility study to get started. The firm reached out to CIMCO Refrigeration (CIMCO) to better understand CO2 as a solution and its related benefits. The firm then presented its study to the school after which PDS Director of Facility Operations Robert Clemens contacted CIMCO to work together on a CO2 design that would suit the school's needs.

"We are very happy with the CO2 solution CIMCO proposed. It fits well with the school's sustainability goals and positions us favorably for the next three decades or more," said Ron Tola, director of major projects at PDS.

The start-up of the upgraded ice arena is planned for August 2023.



Read the full case study on our website:

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