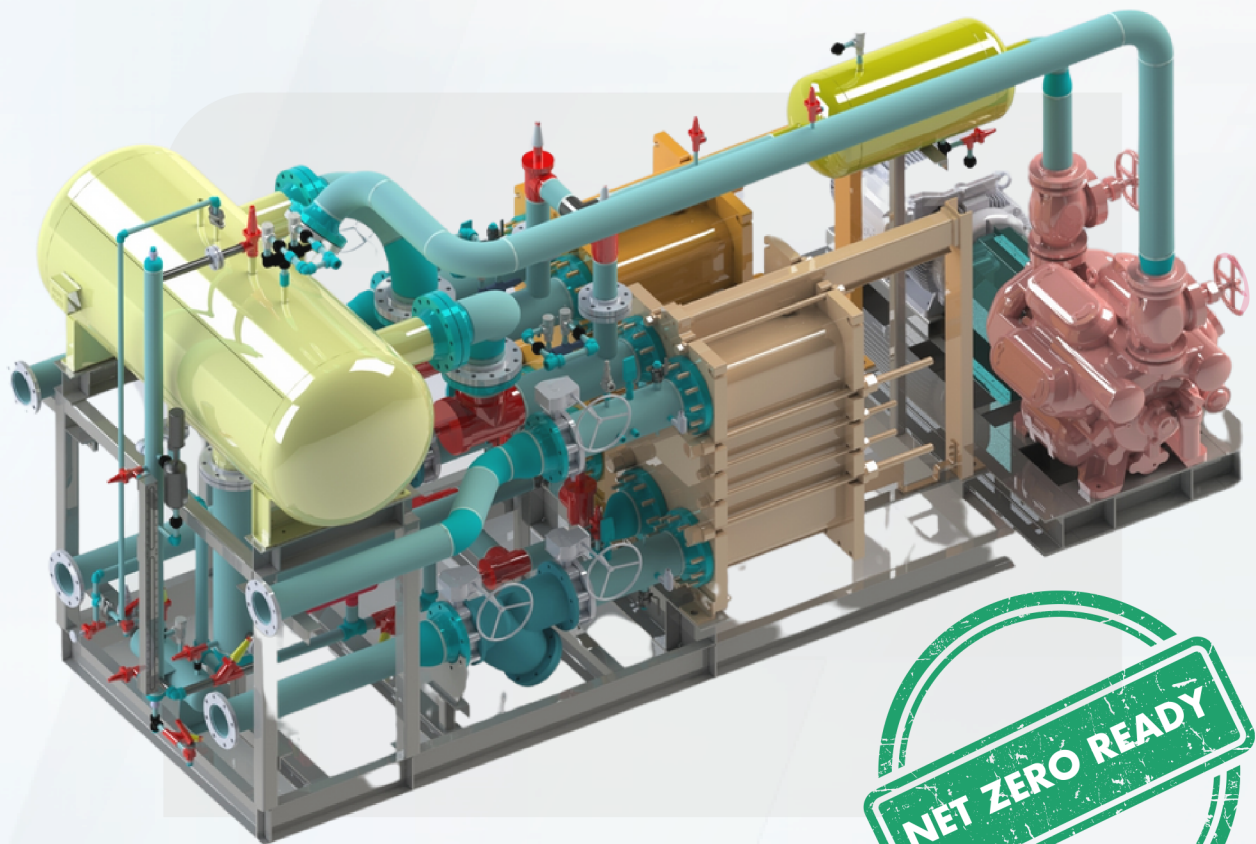


AMMONIA HEAT PUMPS

185°F NATURALLY



WHY CHOOSE AMMONIA HEAT PUMPS?

With ever-improving components and technical know-how, industrial ammonia heat pumps can now capture waste heat to deliver heat up to 185°F, making the equipment suitable for use in various applications - like **Food and Beverage, District Heating and Cooling, Data Centers, Universities, Health Care Campuses** and more.

Ammonia (R717/NH3) is an environmentally friendly refrigerant with zero Ozone Depletion Potential (ODP) and a Global Warming Potential (GWP) of 0. It has been used in large-scale refrigeration and industrial plants for over a century, and its benefits extend beyond environmental gains to include stable pricing and widespread adoption in North America, making the addition of an ammonia heat pump an easy integration.



Wide Operating Range

up to 185°F (85°C)
supply temperature



Natural refrigerant

Future proof & built to last
beyond 2050 as part of your
net-zero solution



No Natural Gas Boiler

Heat pumps eliminate the need for
boilers, resulting in reduced carbon
emissions and higher energy
efficiency (3-5 times more efficient)



Low operating cost

Reduced costs due to high
efficiency (High Coefficient
of Performance)



Customizable solution

Customized for optimal operation
with multiple varying heat
sources (water, wastewater,
geothermal, air, process)

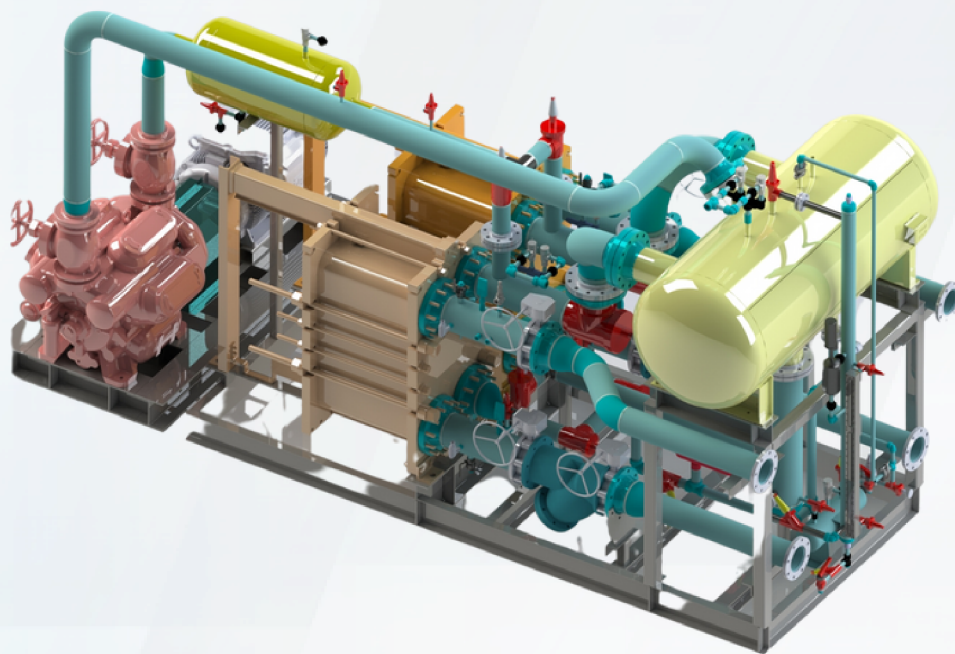


Reliability

Design only uses industrial
equipment and components
resulting in less risk of downtime
and increased equipment lifespan

The properties of ammonia are uniquely favorable for both heating and cooling. This means that a single system can be used for both heating and cooling, rather than having separate systems that increase the maintenance requirement and the space needed within a facility.

PRODUCT FEATURES



CIMCO Automation System

Designed for optimized heat pump operation and for seamless integration with plant SCADA systems



Thermal Storage

Ability to integrate load shifting strategy to reduce utility costs and improve operational efficiency.



All Your Thermal Needs

Can be designed to meet heating and cooling requirements simultaneously



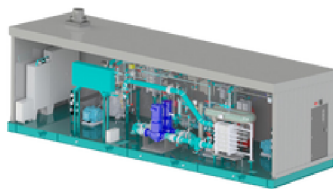
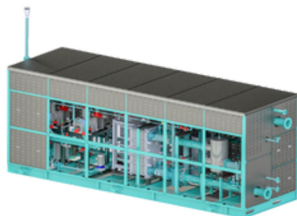
Customized Design

Package, built-up, or hybrid approach to system design tailored to suit each project's needs

Outdoor Enclosure Options Available



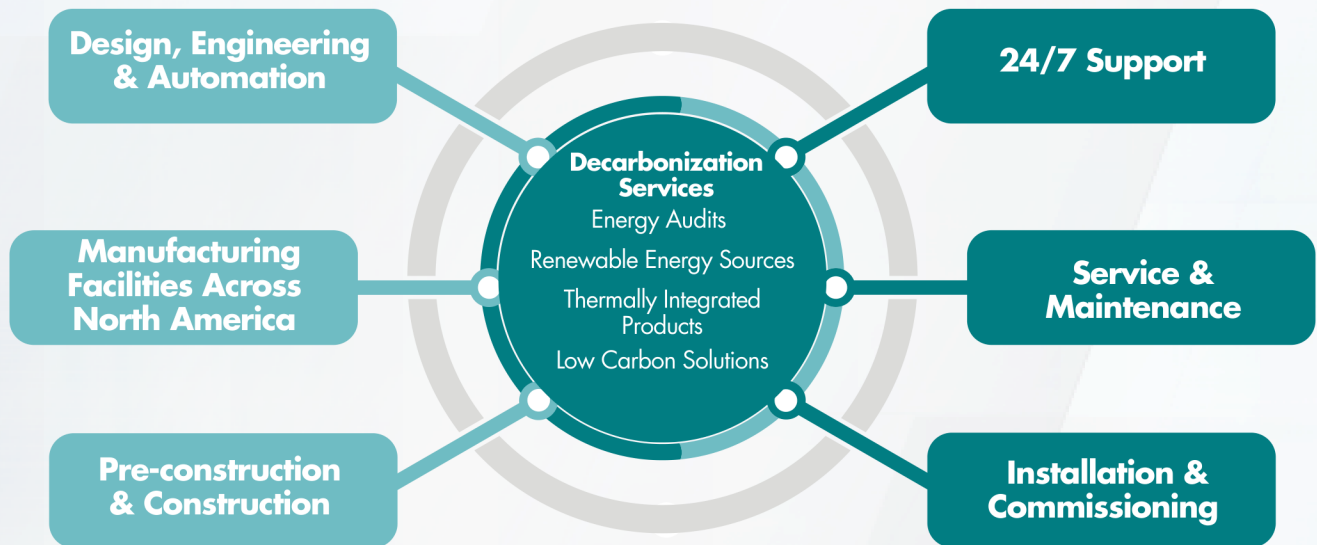
Scan me



THE CIMCO ADVANTAGE

At CIMCO we understand that large heating and cooling projects are complex, and that each project is unique and there is no off-the-shelf product that provides the ideal solution.

Our goal is to work with the stakeholders on each project to understand the unique challenges and opportunities, and leverage our unique skills and capabilities to offer the ideal tailor-made solution.



Thermal Solutions That Save **Money** and The **Environment**



Scan to learn more

