





# IT'S ALL ABOUT THE DETAILS.

# In the premium food service industry, details matter.

Like any signature recipe, the careful preparation and components that go into it, is what sets the meal and the restaurant serving it apart from the rest. Keeping precious perishable ingredients well-preserved and ready for customers is a critical part of food service, and a key to consistency and longterm success.

You can count on Admiral's quality, dependability and experience as your full service refrigeration partner with commercial systems including:

- Walk-in refrigeration
- Refrigerated bases
- Remote ice makers
- Cold pans
- Display cases
- Wine rooms



## THE **KEY** INGREDIENTS

that form the foundation of Admiral Commercial Refrigeration Systems

## Innovative Design

With over 30 years in the industry, Admiral Refrigeration has been a leading innovator, providing custom refrigeration solutions for some of the most well known restaurants and food service providers.

We understand the importance of precision and accuracy. Our systems are designed and engineered for unmatched reliability and ease of servicing. All of the crucial details that enhance the long-term performance and reliability of your refrigeration system are incorporated into our work.

## Superior Quality

The Admiral team is focused on making sure that you receive the most effective and dependable refrigeration system for your budget. We are meticulous about component selection and usage, and we always have a perspective on the long game. *"If this was our cooling system for our restaurant, how would we build it?"* The answer is simple: We would build a highest-quality system for superior performance and longevity.

## **Exceptional Service**

One of the biggest challenges with commercial refrigeration is maintenance and servicing. Simply put, at Admiral we have learned to plan ahead. With our decades of industry experience, our systems are planned and constructed for easy maintenance and servicing. This is a critical feature that we build into every Admiral Refrigeration system so that if problems do occur, they can be addressed quickly and costeffectively.











## OUR REPUTATION FOR QUALITY is built

from a proven process that ensures success.

### DESIGN AND ENGINEERING 🕨

To build a state-of-the-art refrigeration system, you need exceptional design and engineering. Our engineers and draftsmen use the latest CAD programs to bring our products to life. Only after the design is proven to meet our expectation is it then moved into fabrication.



### IN-HOUSE METAL FABRICATION |>

Our in-house metal fabrication department allows us to make sure that every product is built 100% to our standards, and also allows for flexibility to be creative in our system designs. Our next generation Amada 3500 Watt CNC CO2 laser cutter, automated press brake, welding stations and experienced craftsman allow for unsurpassed precision when fabricating parts for a custom refrigeration system.





## SYSTEM ASSEMBLY AND TESTING

Our refrigeration assembly team inspects and tests every component in the system for optimum efficiency and performance. This level of craftsmanship and attention to detail has resulted in customer comments such as "This isn't a refrigeration system, this is art."



### SYSTEM INSTALLATION

Admiral products are only as good as their proper installation. Our veteran team applies the same industry expertise to this process as we do product design and construction. This allows us to anticipate potential challenges, so that we can avoid issues and obstacles, helping to ensure a smooth and timely installation of your refrigeration system. *(opposite page and right photo)* 







# **TRUST ADMIRAL** to create your ideal energy efficient, eco-friendly solution.

Admiral develops their cooling systems with an emphasis on energy efficiency, and utilizes refrigerants that meet or exceed EPA requirements. This attention to detail ensures that your system is cost-effective to run, and is environmentally sustainable.



### OUTDOOR AIR-COOLED SYSTEMS

Outdoor air-cooled systems are specifically designed for outdoor use and exposure to the elements. Heat rejection is obtained by pulling outside air through a condenser coil. Heat is transfered to the ambient air as it travels past the condenser, and is released back into the atmosphere. This system works extremely well in most applications where outdoor conditions and weather are seasonally stable. During hot summer months outdoor air-cooled systems tend to consume more energy due to less efficient heat transfer resulting in longer running time.



INDOOR WATER COOLED

### INDOOR WATER-COOLED SYSTEMS

These systems are ideal for applications in which the building already utilizes a chiller system to manage building temperature. Heat transfer is achieved using water that is circulated through a coaxial tube & shell heat exchanger. The overall efficiency of a water-cooled system is excellent, and improves compressor capacity by 10% -15% over air-cooled systems.

Water-cooled systems are available from single compressor individual models to multi-compressor refrigeration racks. This system design is ideal for hotels, casinos, university, or any buildings equipped with a cooling tower. Water-cooled systems are almost always located inside what we call the mechanical or compressor room making service and maintenance easy.



### INDOOR AIR-COOLED SYSTEMS

Indoor air-cooled systems are identical to the outdoor design, just minus all the weatherproofing and exterior metal housing. These systems are typically limited to smaller horsepower units that don't require large volumes of refrigerated area. A fresh air supply / exhaust ventilation is sometimes required with this application. The advantages to this system are units are not exposed to the outdoor elements and are less expensive to install.



### MULTI-CIRCUITED SYSTEMS

Multi-Circuited systems combine from 2 to 15 compressors into a custom-designed prefabricated air-cooled refrigeration rack. Our condensers coils are circuited for up to 5-compressor saving valuable space and cost. With roof space typically being a big concern, the multi-circuited system design works to fit your system needs into the smallest possible space. This design approach is also ideal for easy servicing and maintenance, making the Multi-Circuited system a smart choice for many situations.



### PARALLEL SYSTEMS

A parallel system design strategy involves piping two to three compressors together "in parallel" to do the same job as what would normally be a five to fifteen compressor refrigeration rack. This approach can apply to both Air-Cooled and Water-Cooled models. Compressors are cycled on or off as the system load calls for using our specially-designed digital controller that monitors system suction pressure, discharge pressure, and also equalizes compressor run times. Parallel systems are our most specified design due to the many benefits it provides, including flexibility with adding or removing refrigerated fixtures, lower energy costs, and lower equipment and installation costs due to fewer compressors and less piping required. Parallel is the most practical way to go for any system requiring more than four compressors to handle the job.



INDIVIDUAL

SYSTEMS

#### INDIVIDUAL SYSTEMS

Our Individual systems are available from 0.75 to 30.0 horsepower units and are available in indoor/outdoor, water-cooled, and air-cooled models. Individual systems are single compressor units that are sized and designed to be used for single refrigerated fixtures or multi-plexed for multiple refrigerated fixtures.



### **GLYCOL REFRIGERATION SYSTEMS**

Glycol systems are referred to as **"Green Refrigeration"**. Glycol systems have a reduced freon charge, and are specifically designed to chill propylene glycol, providing accurate temperature stabilization inside the refrigerated fixtures. Glycol systems perform best in medium temperature applications, and are competitively priced versus CO<sup>2</sup> systems. As the world continues to address our global warming crisis, glycol systems will continue to be a viable refrigeration solution in helping protect our planet for future generations.



## **CLIENT TESTIMONIALS**

In one's lifetime, it's rare to feel as strongly compelled as I do in writing this testimonial in praise of Admiral Refrigeration and its ownership. The impeccable quality, knowledge and professionalism they provide delivers a seamless and no hassle experience. They truly are a level above! Unlike many refrigeration companies I've dealt with over the years, Admiral is a "can and will do", and not a "won't and can't do" company, always resolving the toughest issues they face. They just get it done! They are constantly being praised by subs who they interface with on job sites, which in itself is rare. As for their rack systems, what gives me total confidence in their design is the fact that they were installing and servicing rack systems long before building their own giving them the foresight in the ability to design their own systems with quality and ease of service in mind. "Admiral is simply the best, period"

Dale G. Seiden
Principal
Seiden Kitchen Lab

"I consider Admiral Refrigeration to be the premier commercial refrigeration company in the entire Southern California Region. For over 20 years, I have relied upon and referred Admiral Refrigeration for all my commercial refrigeration needs."

Brian Lewis
Arrow Restaurant Supply

"Dale and his team exhibit professionalism through their commitment to the project and their product. There are so many complexities in opening a food service facility and maintaining it. After thirty years of food service design and equipment placement, Global Restaurant Design, Corp. has encountered many manufacturers, and it is our pleasure in saying Admiral Refrigeration is the best in refrigeration in the food service industry."

– Jerry N. Stein

Global Restaurant Design, Corp.





## **ADMIRAL CLIENT PROJECTS**

At Admiral, we value our relationships and our partnerships more than anything, Craftsmanship and care are put in every project we do, and we especially appreciate the trust that our clients have for our work. Contact us today for more details about how Admiral Refrigeration can make your next project a success!

Four Seasons Westlake		California Lutheran UNIVERSITY	THE COMMERCE CASINO & HOTEL
Real Contractions of the second secon	GUCCI Beverly Hills	Habana	Gardens
The WaterFront Brach Resort A Rabas Hate Huntington Beach	COLISEUM (Remodel)	NOMAD LOS ANGELES	THE PENINSULA
GRILLE	UCDAVIS UNIVERSITY OF CALIFORNIA	Hollywood Casino	WALDORF ASTORIA' BEVERLY HILLS
MERRIMAN'S		mediterraneo	GOLSTICE
COURTYARD BY MARRIOTT Marina Del Rey	JOEY RESTAURANTS	ORANGE COAST COLLEGE	<b>Ocean Beach Hole</b> San Diego



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