

# Parallel Compressor Systems



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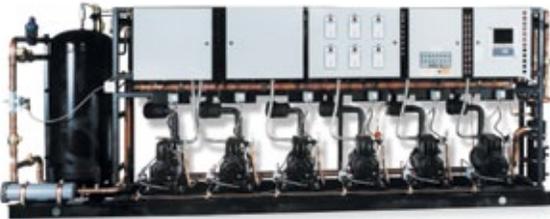
Custom designs for any application.

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# Parallel Compressor Systems

Hussmann pioneered the development of integrated refrigeration systems and now offers a complete selection of advanced parallel racks which can be custom designed for any supermarket application.

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## Flexibility, reliability and energy efficiency.

With every refrigeration equipment project, Hussmann provides the flexibility you need, the reliability you demand, and the energy efficiency that will save you money. Hussmann remains the leader in refrigeration technology – giving you the most advanced products with the best performance features available.



## Flexible solutions.

Each parallel system is designed to your specific needs. We offer the latest technologies and options to maximize the dependability and performance of each system.

Compressor options include reciprocating compressors, hermetic scrolls, open drive and semi-hermetic screw compressors and more. Refrigerant options include R-134a, R-404a, R-507, R-407a, and others.

Other options include mechanical sub-cooling, ambient sub-cooling, heat reclaim, winter control, loop piping, variable speed drives, remote headers, various electrical options, a complete line of suction control valves including electronic evaporator pressure regulators and many more. Hussmann parallel compressor systems are also available with an outdoor housing.

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## Reliable performance.

Reliable refrigeration performance month after month, year after year is essential to the profitable operation of any supermarket. That's why Hussmann has made reliability a number one priority in its refrigeration product.

We start with the highest quality components and manufacturing techniques. Then each rack is subjected to rigorous testing before it leaves the factory. Three step leak testing, including a highly sensitive helium leak test, is performed to insure no leaks are present. Multiple point electrical tests are also performed to make sure all electrical components are in working order.

Advanced manufacturing systems, such as tube benders, tube end spinners and t-drill branching machines, are used to eliminate brazed joints and other potentially weak areas where future leaks might occur. In addition, all pilot lines come standard with leak free, high strength, ultra-cap armored tubing.

## Maximum energy efficiency.

Our goal is to make your business more effective and more profitable. Energy efficient refrigeration equipment is an essential ingredient in enhancing supermarket profitability.

While every supermarket is unique, we can suggest the options (from compressors, to sub-cooling techniques, to system configurations, to proprietary technologies) that can give you the most energy efficient refrigeration package available for your application. We can build to your specifications or offer alternatives for your consideration.

## Custom electrical control panels.

To complement your Hussmann refrigeration equipment, custom electrical control panels are available. As well as pump station control panels, remote defrost panels, and remote condenser control panels (including variable speed). All are UL approved for use throughout the US and Canada.



Protocol



Conventional Unit



Krack® Condenser

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## Commercial and Industrial refrigeration equipment.

Hussmann offers a variety of customized refrigeration systems for specific industrial refrigeration applications. See your Hussmann representative for additional information.

### The Protocol option.

In addition to large back room parallel systems, Hussmann also offers its proprietary Protocol and Proto-Aire units. These smaller “distributed” parallel compressor systems offer numerous cost saving advantages over traditional back room racks.

### Krack® condensers.

To complete the high side of your refrigeration system, be sure to ask for information on Krack remote, air cooled condensers.

### Conventional units.

Hussmann also offers a complete line of single compressor/condensing units to customers who prefer this option. The line includes indoor and outdoor air cooled units and indoor units with remote condenser.

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