

# What are the Factors to look for in a Commercial Refrigeration system?

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There are many factors to consider when selecting the right cooling system for your Commercial Refrigeration System. These are just a few of the many considerations when looking for a perfect cooling system for:

## **Price**

The price is the first and foremost thing for many clients when choosing Innovative Refrigeration Systems or Commercial refrigeration systems, so that's why it is important to consider your budget and proceed accordingly. The price of cooling units can vary depending on many factors, such as:

## **Size**

The cooling units can accommodate a particular thermal load, measured in British Thermal Units (BTU). A unit that can maintain proper temperatures and humidity in large refrigeration systems with higher thermal loads will need more cooling power.

## **A powerful unit**

A cooling unit with a greater power output will likely have a higher price tag, particularly for those that are larger.

## **Type of unit**

The most cost-effective option is a self-contained cooling system. Split and ducted cooling systems, however, are more expensive. Both cooling systems can be more expensive, both in terms of installation and price.

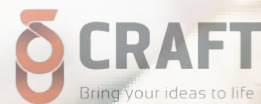
## **Indoor or Outdoor**

Indoor units are usually more affordable than outdoor units. Outdoor models are more expensive because they have additional parts and can withstand weather elements.

## **Voltage**

Most cooling systems with 110V power are cheaper than those with 220V power units.

## **Equipment is both listed and unlisted**



Some manufacturers do not list their equipment or have been certified to meet the standards. The equipment that is listed will be more expensive than those not. The listed equipment will, however, be safer and more cost-effective.

## **Warranty and Customer Support**

There are many options for customer support in the cooling unit market. The length of the warranty and customer service levels offered by different manufacturers will vary depending on the equipment. If you have any problems, a unit that is more expensive will offer you better support.

## **Noise Level**

The noise level is the most important factor to consider when choosing a product. Nowadays, manufacturers make products that are quiet and won't disturb the ambiance of your home. Some brands offer quiet units with top venting.

## **Digital Temperature Control and Display**

When choosing Commercial refrigeration systems, it is important to have electronic temperature control and a digital display. These features will allow you to have better control over the temperature and humidity levels, which will help prevent any fluctuations in your refrigeration systems storage environment.

An additional benefit is a digital display, which allows you to easily check and gauge the settings of your refrigeration systems cellar at any time. In case of power failure, you might also consider units that have a generator.

## Easy to repair

It is important to have a simple cooling system to keep your home's collection cool for years. It is cheaper to replace the cooler than the entire refrigeration systems.

## Upgrades

You'll need to make sure that the cooling unit is properly installed in your refrigeration systems. For better performance, you can add other upgrades to make the equipment more convenient. These upgrades will most likely increase the cost of your cooling unit.

You can always check your options before you order. Some add-ons will need to be installed at the factory, so it is best to wait until you receive your cooling unit. It might not be possible for you to make modifications after the equipment has been shipped.

## Heating and Humidification

You need to ensure that your refrigeration systems is at the right humidity level. Many cooling units include a humidification upgrade. This connects to a water line that maintains the humidity in the refrigeration systems.

If the temperature in your cellar is not controlled properly and drops below the desired temperature, you may need a cooling unit to generate heat. While most cooling systems can cool without heating, some cooling units have heating upgrades that provide sufficient heat to keep the refrigeration systems at the right temperature.

## Installation

It is important to install a cooling system inside your refrigeration systems. These are some of the options you have:

### Self-contained units

This cooling system requires very little setup and is easy to install. The professional will make an opening in the wall slightly larger than the cooling units to position them. Once the slots are filled, the cooler will be inserted into the slot.



The cooling until should extend into the cellar at least 8 inches. The cooling system can be supported in many ways, including mounting clips into walls or ceilings, cellar shelving, and many other options. To ensure refrigeration systems with a sealed environment, seal any cracks.

### **Split System Units**

Split cooling systems require professional installation. The condenser must be connected to the evaporator using the line set. The line set is double-copper tubing with refrigerant. The condenser and the evaporator should be linked via wiring or valve controls to condense the drain exits at the back of the evaporator.

### **Ducted System Units**

It is a complicated type of cooling system and requires both indoor and outdoor installation. It can be configured with split or self-contained cooling units by a professional. To ensure professional heating, ventilation, and air conditioning (HVAC) installation is done efficiently. It's best to leave the job to a qualified professional.

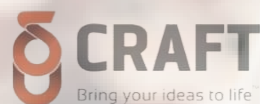
### **Conclusion**

These are important considerations if you're new to Commercial refrigeration systems or looking to replace an old one. A good selection is possible when you have a thorough knowledge of the features and benefits of each product.

While choosing the perfect unit is not easy, these are important to keep in mind.



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