

Selling

***Reach-in Series I***

Refrigeration



# Complete Product Offering

| Model Number                 | Description   | Storage Cu Ft | H.P. | Shipping Weight (lbs.) |
|------------------------------|---|---------------|------|------------------------|
| <b>Reach-In Refrigerator</b> |   |               |      |                        |
| MCCR1-S                      | Single Section Solid Door Refrigerator                | 24.96         | 1/4  | 418                    |
| MCCR2-S                      | Two Section Solid Door Refrigerator                   | 51.92         | 1/3  | 650                    |
| MCCR3-S                      | Three Section Solid Door Refrigerator                 | 78.89         | 1/2  | 830                    |
| MCCR1-SH                     | Single Section Solid Half Door Refrigerator           | 24.96         | 1/4  | 418                    |
| MCCR2-SH                     | Two Section Solid Half Door Refrigerator              | 51.92         | 1/3  | 650                    |
| MCCR3-SH                     | Three Section Solid Half Door Refrigerator            | 78.89         | 1/2  | 830                    |
| MCCR1-G                      | Single Section Glass Door Refrigerator                | 24.96         | 1/4  | 418                    |
| MCCR2-G                      | Two Section Glass Door Refrigerator                   | 51.92         | 1/3  | 650                    |
| MCCR3-G                      | Three Section Glass Door Refrigerator                 | 78.89         | 1/2  | 830                    |
| MCCR1-GH                     | Single Section Glass Half Door Refrigerator           | 24.96         | 1/4  | 418                    |
| MCCR2-GH                     | Two Section Glass Half Door Refrigerator              | 51.92         | 1/3  | 650                    |
| MCCR3-GH                     | Three Section Glass Half Door Refrigerator            | 78.89         | 1/2  | 830                    |
| <b>Reach-In Freezer</b>      |   |               |      |                        |
| MCCF1-S                      | Single Section Solid Door Freezer                     | 24.96         | 1/2  | 440                    |
| MCCF2-S                      | Two Section Solid Door Freezer                        | 51.92         | 3/4  | 710                    |
| MCCF3-S                      | Three Section Solid Door Freezer                      | 78.89         | 1    | 960                    |
| MCCF1-SH                     | Single Section Solid Half Door Freezer                | 24.96         | 1/2  | 440                    |
| MCCF2-SH                     | Two Section Solid Half Door Freezer                   | 51.92         | 3/4  | 710                    |
| MCCF3-SH                     | Three Section Solid Half Door Freezer                 | 78.89         | 1    | 960                    |
| MCCF1-G                      | Single Section Glass Door Freezer                     | 24.96         | 3/4  | 440                    |
| MCCF2-G                      | Two Section Glass Door Freezer                        | 51.92         | 1    | 710                    |
| MCCF3-G                      | Three Section Glass Door Freezer                      | 78.89         | 1    | 960                    |
| MCCF1-GH                     | Single Section Glass Half Door Freezer                | 24.96         | 3/4  | 440                    |
| MCCF2-GH                     | Two Section Glass Half Door Freezer                   | 51.92         | 1    | 710                    |
| MCCF3-GH                     | Three Section Glass Half Door Freezer                 | 78.89         | 1    | 960                    |
| <b>Reach-In Dual Temp</b>    |   |               |      |                        |
| MCCDBR1-SH                   | Single Section Solid Half Door Dual Temp Reach-in     | 23.04         | 1/3  | 525                    |
| MCCDTR1-SH                   | Single Section Solid Half Door Dual Temp Reach-in     | 23.04         | 1/3  | 525                    |
| MCCDRL2-S                    | Two Section Solid Door Dual Temp Reach-In             | 49.92         | 1/2  | 730                    |
| MCCDRL2-SH                   | Two Section Solid Half Door Dual Temp Reach-In        | 49.92         | 1/2  | 730                    |
| MCCDRL2-G                    | Two Section Glass Door Dual Temp Reach-In             | 49.92         | 1/2  | 730                    |
| MCCDRL2-GH                   | Two Section Glass Half Door Dual Temp Reach-In        | 49.92         | 1/2  | 730                    |
| <b>Reach-In Pass-Thru</b>    |   |               |      |                        |
| MCCRPT1-S                    | Single Section Solid Door Pass-Thru Refrigerator      | 26.64         | 1/4  | 455                    |
| MCCRPT1-SH                   | Single Section Solid Half Door Pass-Thru Refrigerator | 26.64         | 1/4  | 455                    |
| MCCRPT2-S                    | Two Section Solid Door Pass-Thru Refrigerator         | 55.42         | 1/2  | 700                    |
| MCCRPT2-SH                   | Two Section Solid Half Door Pass-Thru Refrigerator    | 55.42         | 1/2  | 700                    |
| MCCRPT1-G                    | Single Section Glass Door Pass-Thru Refrigerator      | 26.64         | 1/4  | 455                    |
| MCCRPT1-GH                   | Single Section Glass Half Door Pass-Thru Refrigerator | 26.64         | 1/4  | 455                    |
| MCCRPT2-G                    | Two Section Glass Door Pass-Thru Refrigerator         | 55.42         | 1/2  | 700                    |
| MCCRPT2-GH                   | Two Section Glass Half Door Pass-Thru Refrigerator    | 55.42         | 1/2  | 700                    |
| <b>Reach-In Heated</b>       |   |               |      |                        |
| MCCH1-S                      | Single Section Solid Door Heated Reach-In             | 24.96         | N/A  | 418                    |
| MCCH2-S                      | Two Section Solid Door Heated Reach-In                | 51.92         | N/A  | 650                    |
| MCCH3-S                      | Three Section Solid Door Heated Reach-In              | 78.89         | N/A  | 830                    |
| MCCH1-G                      | Single Section Glass Door Heated Reach-In             | 24.96         | N/A  | 418                    |
| MCCH2-G                      | Two Section Glass Door Heated Reach-In                | 51.92         | N/A  | 650                    |
| MCCH3-G                      | Three Section Glass Door Heated Reach-In              | 78.89         | N/A  | 830                    |

The high-end customer demands performance. Performance in the form of consistent temperatures, fast temperature recovery, the ability to perform under all types of use and low energy consumption. McCall Series I delivers in all these areas.

**Series I Refrigeration**

**PERFORMANCE**

***CONSISTENT TEMPERATURES***

***FAST RECOVERY***

***ABILITY TO KEEP UP UNDER HEAVY USE***

***LOW ENERGY CONSUMPTION***


**McCall's Series I Refrigeration delivers it all.**

**McCALL**

McCall Series I refrigeration utilizes solid state electronic control technology, which provides a high level of performance coupled with simplicity of use.

**Series I Refrigeration**

- **The benefits of solid state electronics with the operational simplicity of standard controls.**
- **Improved pull-down.**
- **More even cabinet temperatures.**
- **Reduced compressor cycling.**
- **Lower energy consumption.**
- **Longer compressor life.**
- **Adaptive defrost keeps the evaporator clean – system efficiencies high.**



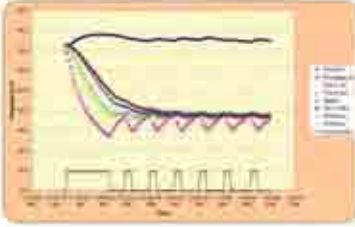
**McCALL**

Improved pull down, even cabinet temperatures and reduced compressor cycles are all realized.

### Series I Refrigeration

**Improved Pull Down** □  
Refrigerators pull down rapidly, keeping the storage temperature where it needs to be to keep your food safe and fresh.

**More Even Cabinet Temperatures** □  
This means more even food temperatures, everywhere in the cabinet. This prolongs food shelf life, minimizing waste. Food is always stored at safe temperatures. Food quality stays high, food waste stays low.



**Reduced Compressor Cycles** □  
Better control means the compressor cycles less frequently. In fact, the control has built in short cycle protection. Fewer cycles means less wear and tear on the compressor and other components. Less wear and tear means longer component life, lessening your chances of an expensive repair down the road. This also lessens the chance of expensive food loss occurring because of equipment failure.

**McCALL**

Electronic controls to date have been perceived to be complicated and difficult to use. Customers tended to sacrifice all the positive benefits associated with electronic control operation because of this perceived complexity. McCall overcomes this reluctance to embrace electronic control technology. McCall Series I customers can realize the benefits with simple operation.

### Series I Refrigeration




*The benefits of solid state electronics with the operational simplicity of traditional controls.*

Solid state design is inherently more reliable than electromechanical designs, since moving parts are eliminated. Electronic controls also are more precise at controlling temperatures. Unfortunately, electronic controls, up until now, have been complex and difficult to use, requiring the operator to program temperatures, defrosts etc. Not so with the McCall control. From the operators perspective it is as easy to use as traditional electromechanical controls. Simply turn the dial to change temperature □ the control does the rest.

**McCALL**

Energy costs are becoming more of a concern with foodservice operators as they continue to rise. McCall control technology helps keep them under control.

## Series I Refrigeration



**Lower Energy Consumption** □  
Reduced compressor cycling lowers energy consumption. Lower energy consumption means lower operating costs, letting you keep more of your revenue as profits. McCall control technology controls your refrigerator to provide optimum, efficient performance, cycling the compressor only when necessary to maintain safe, consistent temperatures and avoiding short cycling □ even in the most demanding conditions.

**McCALL**

Iced-up evaporator coils impact performance. McCall control technology has the smarts to keep the coil clean allowing the refrigerator to perform to optimum standards.

## Series I Refrigeration

**Adaptive Defrost** □  
McCall's control technology is smart enough to know when ice build-up on the evaporator coil is impacting system performance. It cycles the system to eliminate this ice and stays off only as long as necessary to clear the coil. In practical terms, this means the control is smart enough to keep the system functioning efficiently even in periods of heavy use, with numerous door openings and even in very heavy use, humid, hot kitchens. In fact, McCall control technology can keep your refrigerator working like it should even if the door is moderately left open for long periods of time.

**McCALL**

McCall Series I Reach-ins are extremely energy efficient. All the solid door basic models in the line meet Energy Star® standards. Many models also meet the tougher CEE Tier II standards.

## Series I Refrigeration

**All Series I solid door products meet Energy Star standards.**

**Many meet CEE Tier II**

McCALL®

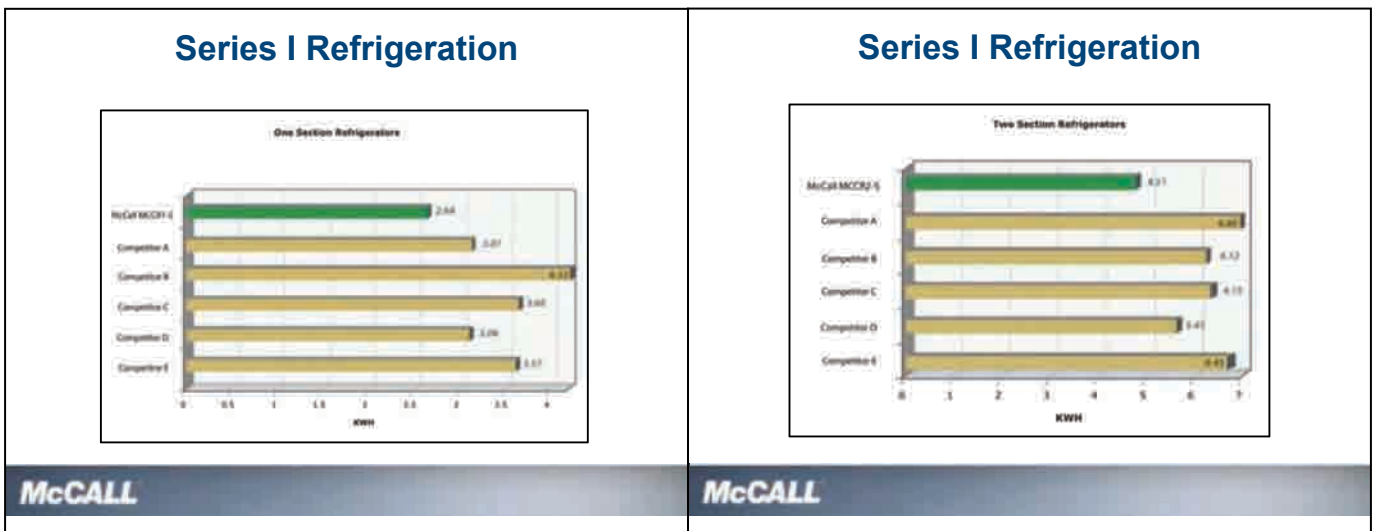
Energy Data:

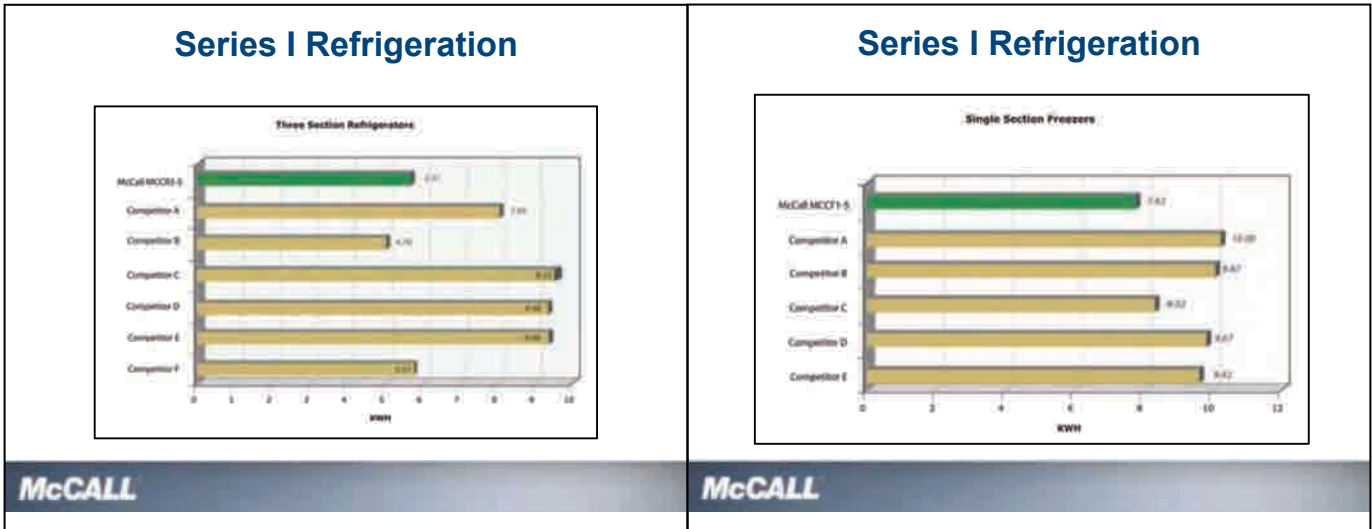
| Model      | Average Daily Energy Consumption | Energy Star* | CEE Tier II |
|------------|----------------------------------|--------------|-------------|
| MCCR1-S,SH | 2.64 KWH                         | X            |             |
| MCCD1-S,SH | 4.17 KWH                         | X            |             |
| MCCD1-L,SH | 5.11 KWH                         | X            | X           |
| MCCF1-L,SH | 7.63 KWH                         | X            | X           |
| MCCF2-L,SH | 15.16 KWH                        | X            | X           |
| MCCF3-L,SH | 16.26 KWH                        | X            | X           |

Estimated annual energy cost:  
 McCall Series I Freezer - MCCF1-S  
 $7.63 \text{ KWH/day} \times 365 \text{ Days} \times .09\text{¢/KW} =$   
\$250.65

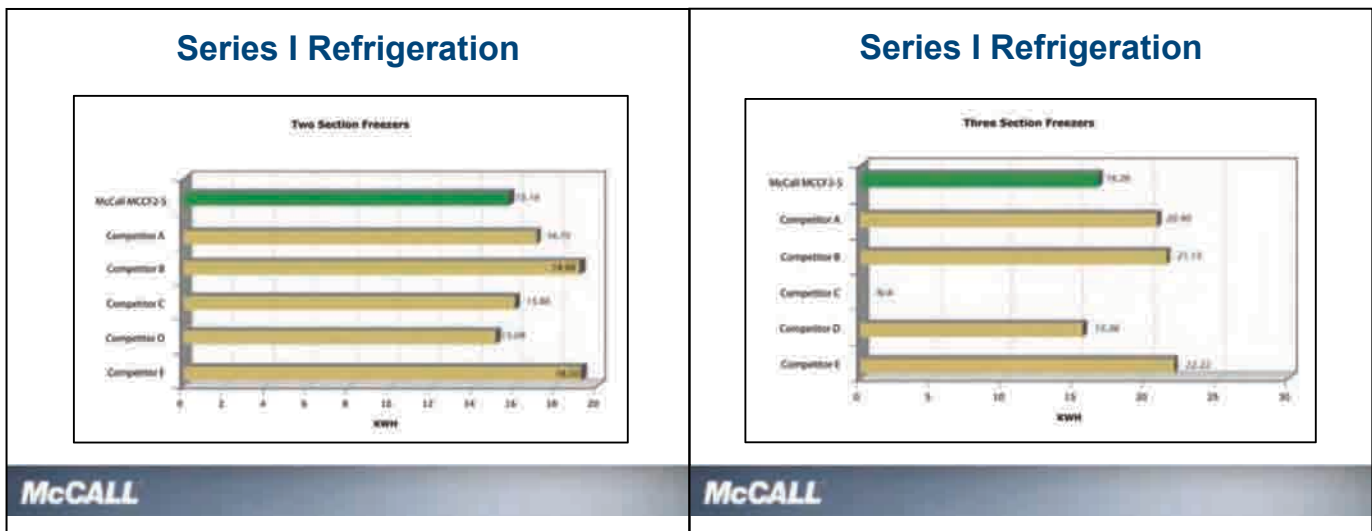
\* Average KWH cost per Energy Star® Energy Savings Calculator

Compared against major competitors, McCall Series I provides the best overall energy consumption numbers of any manufacturer.



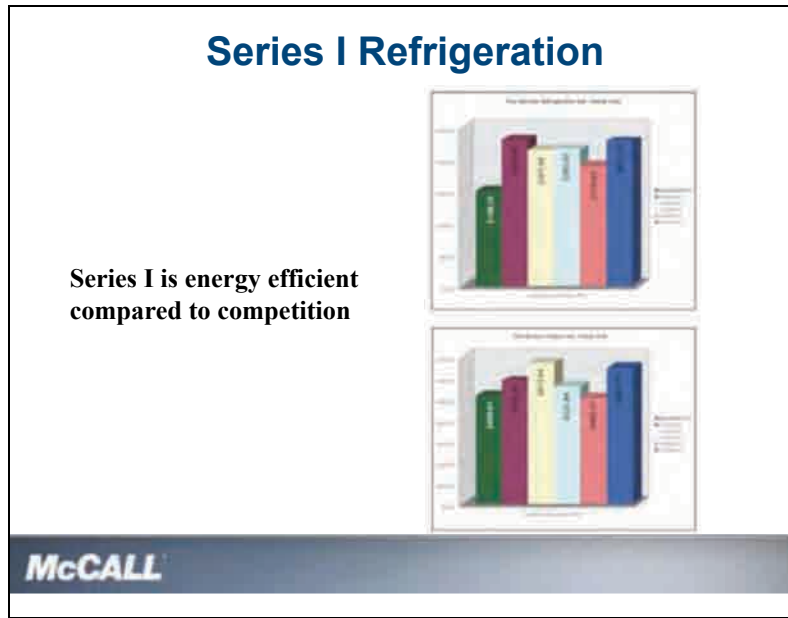


Energy consumption numbers are well below competitors for both refrigerators and freezers.



Low energy consumption leads to lower operating expense for the end user. Lower energy consumption is also environmentally responsible. Less demand for energy lowers the pollution resulting from electric generation.

Here's how energy costs compare among major manufactures of premium reach-in refrigeration.





McCall Series I refrigeration is one of the “greener” reach-in refrigeration product lines available today. As our customers become more environmentally responsible, partially in response to demands from their customers, we can help them demonstrate that commitment to sustainability and responsibility. McCall Series I uses environmentally responsible materials whenever possible. The McCall Series I is designed to operate as efficiently as possible, while still meeting tough performance requirements, putting less demand on the planet’s resources.

## Series I Refrigeration Environmental Stewardship




By choosing only environmentally friendly refrigerants and foams, using recycled materials where appropriate, helping conserve natural resources and designing to energy-efficient construction, McCall is leading the way to a greener foodservice world.

**McCALL**

## Series I Refrigeration

**McCall uses an environmentally friendly foam**



**McCall "Green" Foam Insulation**

McCall uses an environmentally friendly foam

**McCALL**



## McCall “Green” Foam Insulation

The right foam insulation contributes to an environmentally responsible refrigeration design. All McCall units have polyurethane insulation that is blown in place using methylformate as the blowing agent. This foam has no negative impact on the Earths’ ozone layer, on global warming or on other air pollution. This environmental responsibility is achieved without sacrificing thermal efficiency.

### Environmental Factor Comparisons Among Common Blowing Agents

| Agent              | Methylformate | HCFC 1416 | HFC 134a | HFC 245fa | Pentanes/<br>Hydrocarbons |
|--------------------|---------------|-----------|----------|-----------|---------------------------|
| ODP                | 0             | 0.11      | 0        | 0         | 0                         |
| GWP                | 0             | 700       | 1300     | 900       | 11                        |
| VOC                | Exempt        | Exempt    | Exempt   | Exempt    | Yes                       |
| Kyoto Compliant    | Yes           | No        | No       | No        | Yes                       |
| Montreal Compliant | Yes           | No        | Yes      | Yes       | Yes                       |

ODP - Ozone Depletion Potential - Higher the number, the more impact on Ozone Depletion

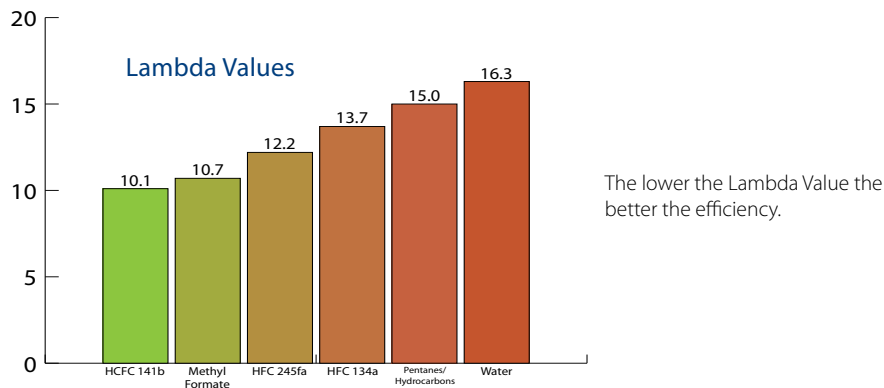
GWP - Global Warming Potential - Higher the number, the more impact on Global Warming

VOC - Volatile Organic Compound - Contributes to the formation of low level smog

Kyoto Compliant - Conforms to Kyoto Protocol Treaty designed to lower worldwide emissions of greenhouse gases

Montreal Compliant - Conforms to Montreal Protocol Treaty designed to protect the Earths’ ozone levels

### Thermal Efficiency Comparison Among Common Blowing Agents.



There are other alternatives to insulation, none provide the environmental benefits of the methylformate blowing agent used by McCall.

Environmental responsibility is more than just words at McCall.

One of the most significant improvements to the cabinet is the increased performance of the refrigeration system. Electronic controls increase performance and reliability while reducing energy consumption. This system is carefully balanced to effectively remove heat quickly while increasing the energy efficiency. Airflow is specifically design to reduce air intrusion during door openings.

**Series I Refrigeration**

**Energy Efficient/Performance Capable Refrigeration System**  
All refrigeration systems are not created equal.

**McCall state of the art refrigeration systems**

**McCALL**

# Energy Efficient/Performance Capable Refrigeration System

## All refrigeration systems are not created equal.

### Reliable, solid state electronic control

Our performs conventional electromechanical controls with more precise performance and longer life.

### Adaptive defrost

Our refrigeration systems on both refrigerators and freezers are designed to defrost on demand, assuring continuous performance in any work environment. Hot humid kitchens, heavy use, lots of door openings and closings? No problem. Adaptive defrost senses conditions and assures a clean, ice free evaporator all the time. And adaptive defrost lowers energy usage, saving you money.

### Wide operating range

Our refrigeration systems allow for 27°F to 40°F operation on a refrigerator without any special modifications. They have the range to meet the temperature needs of your diverse menu.

### Efficient three pass design evaporator coil

Air moves through the coil more efficiently, creating better heat transfer, resulting in improved temperature performance and faster recovery.

### Expansion valve metering

All models are standard with expansion valves. This provides variable refrigerant flow into the evaporator for efficient operation, exceptional temperature performance and fast recovery.

### Evaporator fan/improved airflow

Better energy efficiency with one fan motor rather than two. Fewer parts to wear out. Improved airflow allows for better temperature maintenance and fast recovery.

### Large condenser coil

More condensing surface allows for lower refrigerant pressures which result in better energy efficiency. Larger coil surface also doesn't clog as quickly from dirt and grease, requires less cleaning, provides more efficient operation. Also optional condenser filter screen is available.

### Control placement

Controls are mounted integral to system base and are easy to access. Energy saver door heater on/off switch placed next to the temperature mount. Wiring is concealed within the base of the system. The condenser is easy to get at for cleaning.

### Large Capacity Condensate removal

Condensate removal extends all the way under the system base and has the capacity to handle condensate in humid environments. The plastic pan will not corrode. Use energy efficient hot gas refrigerant line to evaporate condensate.

### Blue Led digital standard thermometer with alarms

Easy to read thermometer comes standard with visual high/low temp alarm.



### OTHER DESIGN BENEFITS.


- All systems are built as one assembly offline, making for more exact assembly, raising quality, minimizing the occurrence of refrigeration leaks. The new design averages a reduction of 10 joints/system over the old.
- Only non-ozone depleting environmentally friendly refrigerants are used.
- One-piece system can be replaced in the field for service or for converting a refrigerator to a freezer or vice-versa.
- All units are energy efficient, meeting Energy Star and California Energy Commission (CEC) standards. Many meet CEE tier II standards and may have rebates to the end user through local utilities. Energy numbers are available on specification sheets and on the Delfield website, [www.delfield.com](http://www.delfield.com).
- Systems have the capacity to provide consistent temperatures in demanding conditions, with fast recovery in periods of peak use.
- Systems are designed to be easy to service and maintain.
- Systems are designed to run quiet, putting less noise into the kitchen.



Solid state electronic controls increase performance while also increasing energy efficiency and cabinet life. While several other competitors have electronic controls with push button controls, we recognize that the technology often intimidates our target equipment user. Also we know if there is a button, it will be pushed. A dial allows for an easy to understand interface that does not attract unnecessary adjustments.

### Series I Refrigeration Solid State Electronic Control

- **The benefits of solid state electronics with the operational simplicity of standard controls**
- **Improved pull-down**
- **More even cabinet temperatures**
- **Reduced compressor cycling**
- **Lower energy consumption**
- **Longer compressor life**
- **Adaptive defrost keeps the evaporator clean – system efficiencies high**




**McCALL**

While several competitors tout “oversizing” their units, it is important to recognize that the largest killer of compressors is short cycling. Short cycling is when a refrigeration system turns on and off quickly to maintain cabinet temperature. It can be caused by having the on and off temperatures too close together or by having a refrigeration system too large for a specific space. We control this by optimally sizing the refrigeration system and controlling cycle length with our electronic control.

### Series I Refrigeration Right Sized Refrigeration

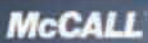
- **Right sized refrigeration systems have the capacity to handle the demanding load and workflow (door openings) patterns commonly found in busy foodservice kitchens**
- **A clean, sanitary environment means fresh, high quality food and minimized waste**
- **Sized to cycle efficiently for less energy consumption and less wear and tear on components**



**McCALL**

### Series I Refrigeration Right Sized Refrigeration System



- **A system that is oversized for the application will tend to short cycle – meaning frequent compressor cycling**
- **Maximum energy consumption takes place when the unit cycles on and minimal energy is required to keep it running**
- **Maximum wear and tear on the compressor takes place when it cycles on – it has to work against static refrigerant pressures**
- **Frequent cycling means more wear and tear on the compressor and a shorter life expectancy**
- **Compressor replacement is a costly repair in both parts and labor**



Maintaining proper food temperatures is essential for food safety and restaurant profitability. McCall systems are design with TXV's to reduce pull down times and maintain the proper temperatures in the harshest foodservice environments.

### Series I Refrigeration High Performance Refrigeration

- **Matched components, properly sized, coupled with well engineered airflow patterns creates even product temperatures throughout the cabinet**
- **These even temperatures assure optimum food product shelf life which means less waste due to food product quality degradation**
- **Food waste is a cost to the operator**
  - Food product temperatures consistently below 40°F = 7 day shelf life
  - Food product temperatures consistently below 40°F to 45°F = 4 day shelf life
  - Food product temperatures consistently below 45°F = minimal shelf life



Reliability is a key concern when designing and testing the refrigeration and cabinet design. Extensive internal and field tests were completed to ensure that any design flaws were detected and resolved. The evidence of this can be seen in a reduction in warranty as well as increased customer satisfaction.

## Series I Refrigeration Reliability

- Extensive internal testing
- Extensive field testing
- Process control
- 100% end of line testing
- 100% inspection

**McCALL**

Design benefits include reduced brazed joints to reduce the chance of leaks, a one-piece system that can be replaced in the field and 100% Energy Star® compliance with a significant number of units passing the more stringent CEE II standards. Refrigeration system is sized to operate optimally in tough foodservice environments. Easy to service and maintain refrigeration with easy access to clean condenser coil leads to a longer system life.

## Series I Refrigeration Other Design Benefits

- All systems are built as one assembly offline, making for more exact assembly, raising quality, minimizing the occurrence of refrigeration leaks. The new design averages a reduction of 10 joints/system over the old.
- One-piece systems can be replaced in the field for service or for converting a refrigerator to a freezer or vice-versa.
- All units are energy efficient, meeting Energy Star® and California Energy Commission (CEC) standards. Many meet CEE Tier II standards and may have rebates to the end user through local utilities.
- Systems have the capacity to provide consistent temperatures in demanding conditions, with fast recovery in periods of peak use.
- Systems are designed to be easy to service and maintain.
- Systems are designed to run quiet, putting less noise into the kitchen.

**McCALL**

Evaporator utilization is key to increasing refrigeration performance. Directing airflow and managing the speed of the flow allows for efficient heat transfer.

### Series I Refrigeration Evaporator Coil



**Thin, 3 pass design.**  
Air moves through the coil more efficiently,  
creating better heat transfer, resulting in  
improved temperature performance.

**McCALL**

Evaporator coils and metering devices must be fixed to work in a 80-85% relative humidity to increase the shelf life of food. Many competitors use “standard” or oversized coils that dry out food or allow for too high of humidity that degrades food product.

### Series I Refrigeration Right-Sized Evaporator Coil

- Series I evaporator coils are sized to maintain an ideal environment for food product
- Foodservice product maintains its best quality when stored in environments with 80-85% relative humidity
- Humidities below 80% result in dry product – humidities above 85% result in “slimy” product



**McCALL**



## Series I Refrigeration Right-Sized Evaporator Coil

- Evaporator coil sizing is critical to maintaining proper humidity
- The smaller the evaporator, the “colder” it must run to maintain proper temperatures in the storage area
- The “colder” the coil, the greater amount of moisture that is pulled from the air onto the evaporator surface, lowering the humidity in the storage area
- The McCall Series I refrigerator evaporator is sized to run warm enough to assure 80-85% relative humidity while still pulling the proper BTU's to maintain below 41°F

**Heat moves from cabinet air to refrigerant in the evaporator coil, creating cold cabinet air.**

**McCALL**

All refrigeration units have coated coils to reduce the chances of leaks due to the corrosion caused by caustic foods. While food codes state that all foods should be covered in the refrigerator, we know that this is not always the case in the kitchen. We make units that not only comply with the food code, but that work in the real world.

## Series I Refrigeration Coated Evaporator Coil

- The McCall Series I evaporator coils are coated for corrosion prevention to protect against refrigerant leaks – leaks take the unit down, possibly creating food loss costs and costly repairs
- The storage area is a corrosive environment as stored foods give off acids
- The acids can collect on the evaporator coil surface – unprotected aluminum and copper will corrode from this acid attack



**McCALL**

### Series I Refrigeration Evaporator Fan



One fan/improved airflow  
Better energy efficiency with one fan motor rather than two. Fewer parts to wear out. Improved airflow allows for better temperature maintenance.

**McCALL**

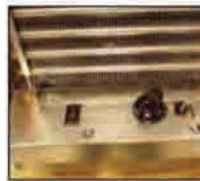
### Series I Refrigeration Metering Device



Expansion valve  
All models are now standard with expansion valves. Provides variable refrigerant flow into the evaporator for efficient operation, exceptional temperature performance and fast recovery.

**McCALL**

### Series I Refrigeration Control Placement



Integral to system base controls are easy to get at. Door heater on/off switch placed next to the temperature mount. Wiring is now concealed within the base of the system.

**McCALL**

There are three ways to deal with condensate removal. You can let it leak on the floor causing a slip hazard. You can remove it with heat from an electric condensate heater, increasing energy. Or you can use hot gas from the refrigeration system itself to remove the water, which is what McCall Series I reach-ins use. This reduces energy consumption and allows more efficient use of the energy the refrigeration system is already using.

## Series I Refrigeration Hot Gas Condensate Removal

- Heat generated from the refrigeration system is used to evaporate condensate – saving operating expense
- The “positive” aspect of adding heat to the evaporation process assures performance even under demanding conditions
- Costly to buy and costly to operate auxiliary electric heaters are not necessary
- Water won’t overflow the pan, creating a potential safety hazard or at the very least, requiring labor to clean up

**Moisture collects on the evaporator coil during system operation, in the form of ice. That ice melts during defrost. The condensate water travels to a receptacle away from the evaporator coil. It must be disposed of.**

McCALL

## Series I Refrigeration Condensate Removal



**Large capacity/plastic pan  
Condensate removal extends all the way  
under system base and has a capacity to  
handle condensate in humid environments.  
Plastic pan won’t corrode. Continue to use  
hot gas refrigerant line as in the old design.**

McCALL

## Series I Refrigeration Condenser Coil



**Larger Coil.**  
More condensing surface allows for lower refrigeration pressures which result in better energy efficiency. Larger coil surface also doesn't clog up as quickly from dirt and grease, requires less cleaning, provides more efficient operation.

**McCALL**

## Series I Refrigeration

### Energy Saver Door Heater Switch

- **Lowers energy consumption**
- **Out of the way to minimize nuisance turn off/turn on**



**McCALL**

**Series I Refrigeration**  
**Refrigeration System Design**

**Better Performance**

**Low Energy Costs**

**Low Service Costs**


**Longer Life**

**McCALL**

Additionally, the one-piece design of our refrigeration system provides versatility to adapt to changing needs.

**Series I Refrigeration**  
**One-Piece, Removable Refrigeration System**

- **Unit could be converted from refrigerator to freezer or vice versa in the field**



**McCALL**

Airflow is critical to the storage environment. Not enough and temperature problems arise. Too much and product could dry out. Your customer needs fresh, safe product. Poor temperature consistency leads to spoiled, unsafe product. That translates to food waste which impacts profits. Product that has dried out can also lead to food waste and lost profits.

McCall Series I units are designed to provide balanced airflow with not too much velocity or not too little velocity. Even temperatures are maintained without drying out product. The entire interior of the cabinet can be used for its intended purpose - to store food.

Air moves down the back wall at each corner and is then drawn up the front of the unit, bathing all the product in a gentle flow with consistent temperatures.

### Series I Refrigeration

#### Balanced Airflow

- **Maintains proper temperatures throughout the cabinet**
- **Velocities don't dry out product**
- **Allows maximum utilization of storage capacity**



**McCALL**

The high-end customer demands durability. Refrigeration needs to last a long time to justify the purchase price. It needs to work to its intended purpose for a long time. And your customer really doesn't want to become too friendly with his local service technician.

McCall Series I refrigeration justifies your customers' investment with a durable design.

### Series I Refrigeration

#### DURABILITY

***BUILT TO LAST***

***BUILT TO WORK***

***BUILT TO KEEP YOUR REPAIRMAN AWAY***


**McCall's Series I Refrigeration is an investment designed to be around a long time.**

**McCALL**

Pilasters or shelf supports need to be strong and flexible. After all, they are asked to carry a lot of weight. McCall Series I pilasters are all stainless steel. They have large slots for easy shelf clip adjustment. Shelves or slides can be adjusted in 1" centers for maximum storage flexibility. Cleaning is easy, they can be removed from the cabinet without the use of tools.

**Series I Refrigeration**  
**Heavy Duty Pilasters**

- Durable & tough
- Heavy duty design image
- Able to hold the weight
- Still easily removable for cleaning



**McCALL**

McCall Series I refrigeration units have exterior sides, front and doors made of attractive aluminum. Doors and shroud are stainless steel. Unlike some competitors, we use a 400 series stainless steel material rather than 300 series. Conventional wisdom holds that 300 series has superior corrosion resistance due to a high nickel content. Not so. Nickel content is only part of the story. Our rolled on finish outperforms their polished finish as evidenced by independent third party testing. Please refer to your "Stainless Steel for Foodservice Equipment" booklet for details.

**Series I Refrigeration**  
**Rolled On Stainless Steel Finish on Doors**

- Durable & tough
- Improved corrosion/staining resistance over abraded finishes
- Greater pitting resistance



**McCALL**

McCall Series I has a heavy-duty lock and strike system, to provide security for the valuable product stored inside. It's very difficult to defeat this system, assuring minimal chance of food loss through theft.

### Series I Refrigeration

#### Heavy Duty Door Lock And Strike

- Tough & durable
- Increased security
- Heavy duty
- High-end image



**McCALL**

The units' sides are one continuous polyurethane foamed panel from top to bottom. Less chance of the upper area getting damaged. Sound deadening qualities to reduce noise in the kitchen. A tough, durable design.

### Series I Refrigeration

#### One-Piece Sides

- Durable & tough
- Less noise
- Solid design image




**McCALL**



Where's the light switch? Hidden behind the upper hinge where it's very difficult to damage. Less chance for a costly repair. Another factor in long life equipment durability.

**Series I Refrigeration**  
**Concealed Light Switch**

- Reliability
- Lower service cost potential




**McCALL**

The door liner is a tough, resilient ABS material. Pans and boxes will bounce off the surface and won't leave dents and dings. It's a tough design in an area that needs it.

**Series I Refrigeration**  
**ABS Interior Door Liner**

- Tough and durable
- Easy to clean
- Protects gasket for longer gasket life



**McCALL**

The high-end customer demands versatility. Their business is constantly evolving and they need equipment that can constantly evolve with them. They need to maintain productivity and efficiency. McCall Series I has the versatility required.

**Series I Refrigeration**

**VERSATILITY**

***OPERATIONAL NEEDS CHANGE***

***MENUS EVOLVE***

***WORK PATTERNS SHIFT***

**McCall's Series I Refrigeration can adapt to changing needs, keeping productivity up and costs down.**

**McCALL**

Temperature versatility. McCall Series I refrigerators offer performance between 27°F and 41°F by just turning the dial.

**Series I Refrigeration**



**Expanded Temperature Operating Range-**

McCall Reach-in refrigerators can operate anywhere from 27°F to 40°F without any modifications required. Just set the dial to get the desired temperature. Our refrigerators can operate below freezing (32°F) without having to include costly electric defrost heaters. ACT has the smarts to keep the evaporator coil frost free, even at these low temperatures. The system has the capacity to maintain temperature in heavy use environments.

**McCALL**

McCall Series I tray slides have been completely redesigned to be easier to install and more flexible to use. Designs exist to support 12"x20" pans, 18"x26" pans or both. Confusing spacers are no longer required. All slides are made of heavy-gauge stainless steel. Refer to the slide accessory sheet for additional information.

**Series I Refrigeration**  
**Tray Slide Design**

- Flexibility
- Durable
- Heavy duty
- Easy to use




**McCALL**

The right door type for the job - it's important that the unit be configured to promote efficient workflow. McCall Series I has a wide variety of door types available. Half doors may be more efficient than full doors if access to one specific area of the cabinet is the norm. Sliding doors could be an answer when aisle space constraints make hinged doors a problem. Drawers offer easy access for smaller packaged foods.

**Series I Refrigeration**  
**Wide Variety Of Door Choices**

- Full/half solid
- Full/half glass
- Full/half solid sliding
- Full/half glass sliding
- Drawers



**McCALL**

The high-end customer demands usability. It greatly impacts his operation and his ability to turn a profit. Their equipment must be usable, providing for convenient operation, efficient operation and productive operation.

**Series I Refrigeration**

**USABILITY**

*CONVENIENCE*

*OPERATIONAL EFFICIENCY*

*LABOR PRODUCTIVITY*

**McCall's Series I Refrigeration meets the need with innovative design features making use a breeze and creating a perfect fit with foodservice operations.**

**McCALL**

All McCall Series I units are equipped with pressure relief vents that allow air pressures to equalize between cabinet interior and exterior during frequent door openings. Without this feature, vapor lock could occur, keeping the door shut despite vigorous efforts to open it. This is especially prevalent on freezers that are not equipped with pressure relief vents. Interior access is easy, regardless of conditions with McCall Series I.

### Series I Refrigeration Pressure Relief Vent

- Standard on all refrigerators & freezers
- Eliminates vapor lock




**McCALL**

The interior can be configured to maximize storage capacity. The epoxy coated shelves withstand corrosion and last longer than competitors vinyl shelves.

### Series I Refrigeration Shelf Adjustability

- Adjustment on 1" centers
- Unit can be set up to maximize storage capacity
- Convenient operation




**McCALL**

McCall Series I refrigeration is equipped with an easy to read digital exterior thermometer. This allows for viewing anywhere in the kitchen, offering assurance that the unit is performing properly.

### Series I Refrigeration

#### Digital Exterior Thermometer

- Easy to read
- High-end image



**McCALL**

Each McCall Series I unit has a heater wire in the door frame. Its purpose is to heat the surface above the dew point temperature so that condensation won't occur around the door. On refrigerators, it may not be necessary, under certain conditions, to provide heat. If that is the case, the customer has the option of turning the heater off, using a switch mounted behind the hinged upper housing. The switch is located out of the way to minimize nuisance activation/deactivation. Energy savings result from turning the heater off when it is not needed.

### Series I Refrigeration

#### Energy Saver Door Heater Switch

- Lowers energy consumption
- Out of the way to minimize nuisance turn off/turn on



**McCALL**

McCall Series I is a full featured, full benefit reach-in product offering, well positioned to take on the competition. Market penetration tactics center on creating demand through the end user and the specifier. The best can recognize the value associated with McCall Series I design.

**The following should be stressed as they give us advantages over competition and, more importantly, they deliver benefits and value to the ultimate user:**

- Top mounted refrigeration system with all components located outside the food zone.
- Electronic control with precise temperature control and a high degree of reliability.
- 27°F to 40°F temperature operation capability on refrigerators.
- ABS interior door liner for gasket protection and tough durability.
- Concealed light switch protected from damage.
- Stainless steel with rolled-on finish for superior corrosion resistance.
- Flush mount, easy to use door handle.
- Pressure relief vent for vapor lock avoidance.
- Door heater on/off switch on refrigerators.
- Heavy duty stainless steel pilasters with 1" shelf/slide adjustability.
- Large evaporator coil for 70% humidity maintenance on refrigerators.
- One-piece sides for durability and sound deadening.
- Various energy agency approvals and listings.

No competitor can offer all these features in one package. McCall Series I refrigeration offers greater benefits to the user, at pricing that's competitive with other products offering for less features and benefits.

## Series I Refrigeration

Series I is designed to provide a clean, sanitary food storage environment while keeping both raw materials and finished goods fresh and quality high. High quality raw materials are vital to producing high quality finished goods. High quality finished goods command profitable prices and will keep customers coming back for more. Units are also designed to be operationally efficient, with low operational costs and high useability factors. Series I provides exceptional value.

McCALL

Value is more than just low costs. Revenue - Costs = Profit. Anything McCall does to increase profit is value added!

## Series I Refrigeration VALUE = LOW TOTAL COST



$$\begin{array}{r} \text{PURCHASE PRICE} \\ + \text{OWNERSHIP COSTS} \\ \hline = \text{TOTAL COST} \end{array}$$

- Series I – Foodservice Refrigeration Designed for the Foodservice Professional
- Foodservice design feature/benefits mean lower ownership costs
- Low Ownership Costs = Lower Total Costs
- Lower Total Costs = High Value

To justify the price premium the features and benefits must be explained thoroughly. Your customers must have a reason to pay more. Series I refrigeration provides that reason – lower operating costs and high revenue opportunity.

McCALL



**Notes:**

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**McCALL<sup>®</sup>**

980 S. Isabella Rd., Mt. Pleasant, MI 48858, U.S.A. • (888) REACH-IN • Fax (800) 669-0619 • [www.mccallrefrigeration.com](http://www.mccallrefrigeration.com)  
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