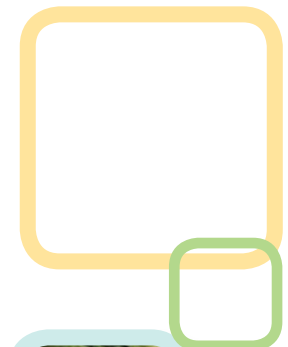


# THINK INSIDE THE BOX



The name behind the brands you trust.™

2175 West Park Place Blvd. • Stone Mountain, GA 30087  
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# IT'S WHAT'S INSIDE THAT COUNTS



Think inside the box of the new ½ - 6 HP air-cooled condensing unit from Heatcraft Refrigeration Products. Exclusive features such as HyperCore™ microchannel coil technology, optional variable speed EC (VSEC) motors with Orbus™ Controller and optional factory-installed Smart Defrost Kit™ (SDK) make this the highest performing condensing unit available on the market today.

## PRODUCT OVERVIEW

The new ½ - 6 HP condensing unit with HyperCore™ microchannel coil technology from Heatcraft Refrigeration Products is engineered as an energy efficient and environmentally friendly product and is included in the E+ Solutions™ product portfolio. It offers advancements that save energy, reduce operational costs, use less refrigerant, reduce sound, improve durability and system performance.

## INNOVATION

- ▶ HyperCore™ microchannel coil technology
- ▶ Optional variable speed EC (VSEC) motors with Orbus™ Controller
- ▶ Optional factory-installed Smart Defrost Kit™ (SDK)

## SYSTEM PERFORMANCE

- ▶ HyperCore microchannel coils provide unsurpassed protection from corrosion, reduce refrigerant charge and reduce the likelihood of leaks
- ▶ VSEC motors with Orbus Controller provide quick response to load changes and stable head pressure optimizing system performance and dramatically reducing energy consumption

## REDUCED OPERATIONAL COSTS

- ▶ Customers can see significantly reduced operational costs, as much as \$371 when they choose VSEC motors with Orbus™ Controller, and they can save up to \$135 in refrigerant costs
- ▶ VSEC motors, SDK and scroll compressors all contribute to lower operational costs

## FEATURES

- ▶ HyperCore microchannel coil technology **(NEW!)**
- ▶ Variable speed EC motors by InterLink™ with proprietary Orbus controller option **(NEW!)**
- ▶ Factory-Installed SDK option **(NEW!)**
- ▶ High suction temperature R-404A Units **(NEW!)**
- ▶ R-404A/507 medium and low suction temperature compatible
- ▶ Prepainted steel cabinets
- ▶ Variety of compressor options including efficient scroll compressors

## BENEFITS

- ▶ Top system performance with HyperCore microchannel coil technology and VSEC motors
- ▶ Reduced energy usage, stable head pressure, and improved compressor durability
- ▶ Superior strength and corrosion protection
- ▶ Orbus variable speed motor controller uses proprietary design and intelligence
- ▶ Optimized for maximizing performance using up to 40% less refrigerant

## TARGET MARKETS

- ▶ Quick- and Full-serve Restaurants
- ▶ Convenience Stores and Small Grocery Stores
- ▶ Schools, Hotels and Institutional Applications





# WHAT'S INSIDE THE BOX?

## HYPERCORE™ MICROCHANNEL COIL TECHNOLOGY

Available exclusively from Heatcraft Refrigeration Products, HyperCore microchannel coils are structurally robust, highly corrosion resistant, use less refrigerant and dramatically reduce the potential for leaks.

### BENEFITS OF HYPERCORE

► **Structurally Robust**

The structure of the HyperCore microchannel coil is extremely rigid and resistant to damage

► **Corrosion Resistant**

Monometal (aluminum) construction gives no opportunity for galvanic corrosion. HyperCore microchannel coils last up to two times longer than traditional copper-aluminum round-tube plate fin (RTPF) coils with epoxy coating

► **Reduced Refrigerant Charge & Reduced Costs**

The condenser coil refrigerant charge may be reduced by up to 75% using HyperCore microchannel coils, leading to as much as a 40% reduction in system charge and reducing costs for end users

► **Reduced Potential for Leaks**

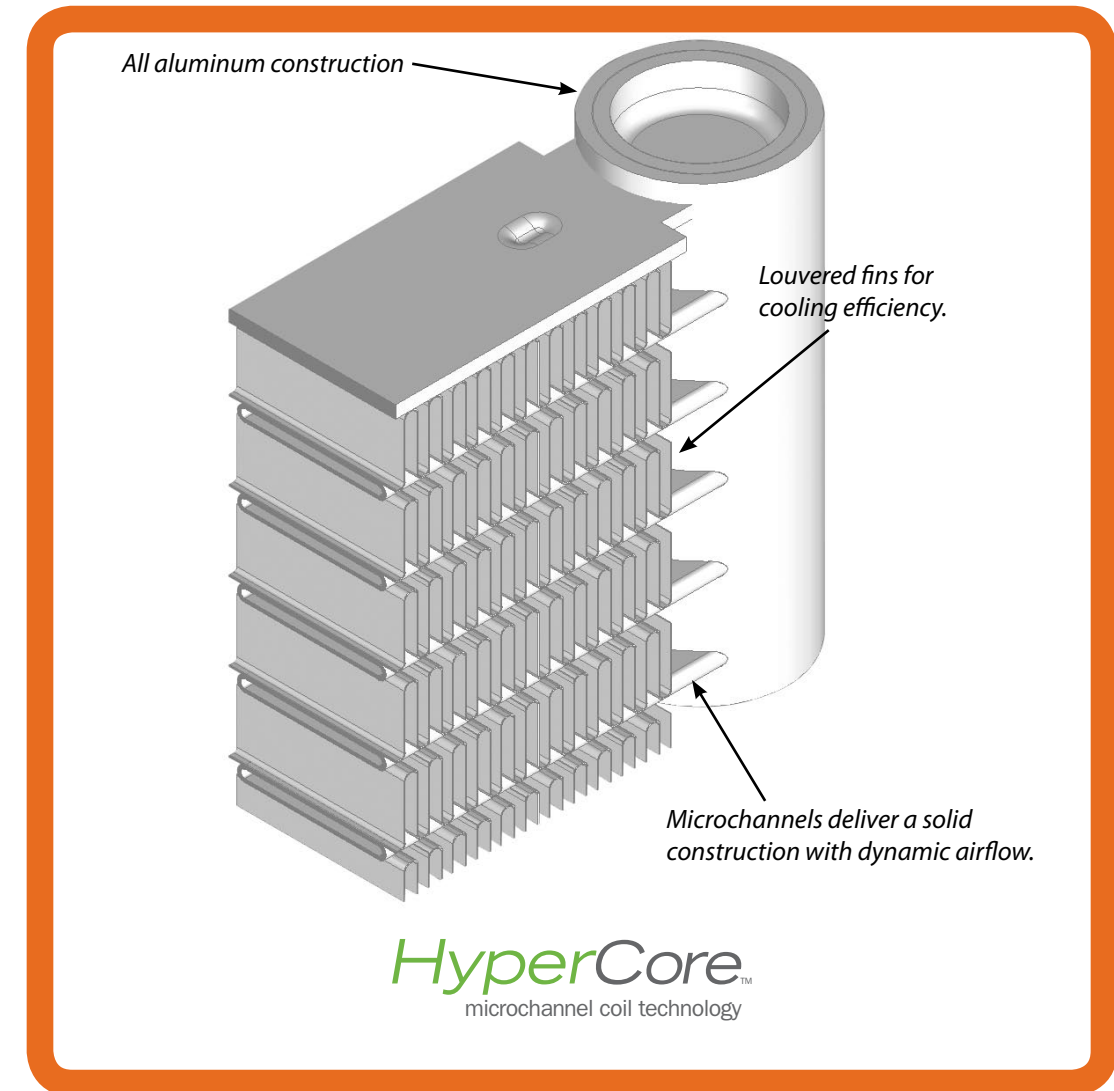
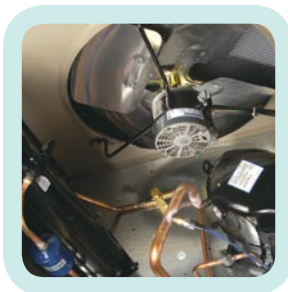
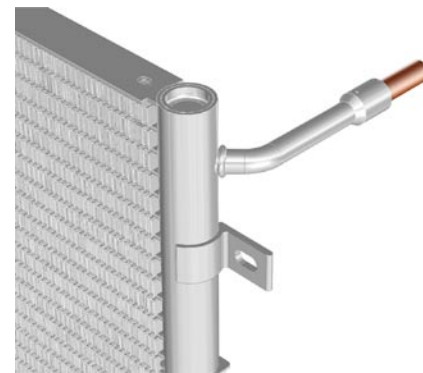
HyperCore microchannel coils require only one braze operation vs. 50-100 manual braze operations for RTPF, significantly reducing the likelihood of leaks

► **Environmentally Friendly**

- 100% recyclable
- Reduced refrigerant helps decrease the potential for ozone depletion and global warming
- R-404A/507 compatible

► **Warranty**

The HyperCore microchannel coil is backed by a two-year warranty





# SAVE ENERGY, SAVE MONEY



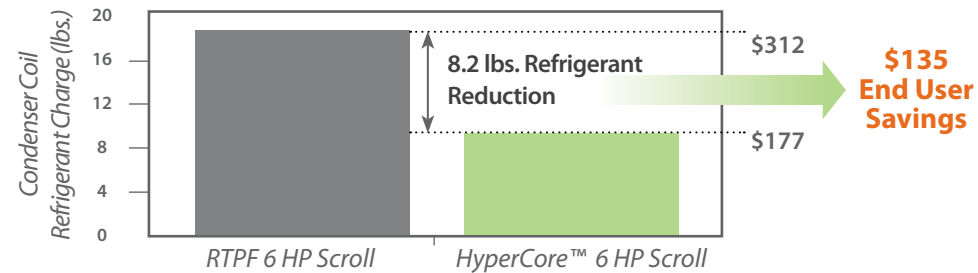
½ - 6 HP air-cooled condensing units are included in the E+ Solutions portfolio of energy-efficient and environmentally-friendly products.

Our goal is to provide choices for you and your customers that help reduce costs and improve bottom lines — two things we know are essential to operating a successful business. The energy-saving choices you offer also provide the added benefits of improved performance and service life. So when you consider all the valuable payoffs, the decision to choose E+ Solutions is simple.



Log on to [www.heatcraftpd.com/energysolutions](http://www.heatcraftpd.com/energysolutions) to learn more.

## CONDENSING UNIT REFRIGERANT SAVINGS



## QUICK PAYBACKS: VSEC & SDK

The table below shows estimated energy savings for two typical low-temp systems using Heatcraft Refrigeration Products condensing units with VSEC motors with Orbus Controller, a factory-installed SDK and scroll compressor. All paybacks are estimated based on one system with the specifications listed and an energy price of \$.08/kWh.\*

SYSTEM EQUIPMENT		KWH SAVINGS/ YEAR*	OPERATIONAL COST SAVINGS/ YEAR*	ESTIMATED PAYBACK (YRS)
CONDENSING UNIT	EVAPORATOR			
Scroll Compressor, Outdoor, 6 HP, Low-temp, R-404A/507	Electric Defrost, 6 FPI 28,000 BTUH	4,641	\$371	1.8
Scroll Compressor, Outdoor, 3.5 HP, Low-temp, R-404A/507	Electric Defrost, 4 FPI 13,600 BTUH	2,969	\$238	2.8

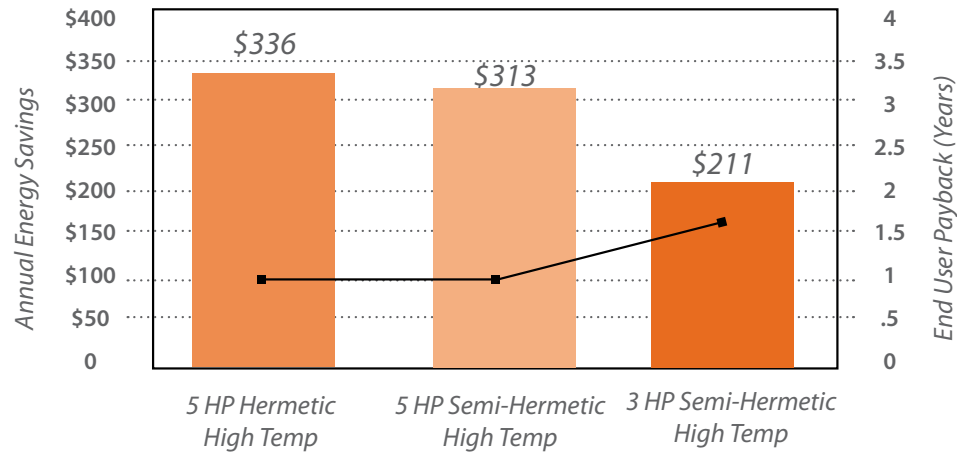
\*Estimation only, results may vary.

## VARIABLE SPEED EC MOTORS WITH ORBUS™ CONTROLLER BY INTERLINK™

VSEC motors with Orbus™ Controller from InterLink™ control the speed of motors in response to loads. Choosing this option provides stable head pressure and quick response to load changes. This optimizes system performance, reduces energy consumption, provides improved compressor durability and improved product integrity. To achieve E+ Solutions status, add VSEC motors with the proprietary Orbus Controller.

## VSEC ENERGY SAVINGS

The VSEC system saves energy and reduces costs for the end user through fan motor and compressor energy savings. The payback period for adding this option can be as quick as 1-2 years on many models.



NOTE: Chart based on \$.08/kWh



## FACTORY-INSTALLED SMART DEFROST KIT™

The Smart Defrost Kit skips unnecessary defrosts in commercial, electric defrost walk-in refrigeration systems — saving energy, reducing costs and ultimately improving product integrity. The SDK is available as a factory-installed option and qualifies for our E+Solutions designation.



# CHOICES OPTIMIZED FOR YOUR NEEDS



Introducing tailored solutions for your unique refrigeration requirements, giving you more choice without complexity.

### OPTIMIZED FOR ENERGY EFFICIENCY & SYSTEM PERFORMANCE

All units come standard with HyperCore™ microchannel coil technology. We also offer a variety of options to fit your specific application needs.

To achieve an optimal system that is both energy efficient and environmentally friendly, choose the following options for your unit: VSEC motors with Orbus™ Controller, factory-installed Smart Defrost Kit™ and scroll compressor. These options provide unmatched energy efficiency — the perfect solution for applications where energy savings is essential for success.



FEATURES	
<b>COIL</b>	
HyperCore™ microchannel coil	Standard
<b>MOTORS</b>	
PSC motor	–
VSEC motor with Orbus™ Controller	Option
<b>DEFROST OPTIONS</b>	
Smart Defrost Kit™	Option
<b>SYSTEM</b>	
Beacon II™	Option
<b>COMPRESSORS</b>	
Scroll	Option
Hermetic	Option
Semi-hermetic	Option

= Energy Efficient & Environmentally Friendly



Right source. Right parts. Right now.

InterLink is your link to a complete line of dependable and certified commercial refrigeration parts, accessories and innovative electronic controls for all Heatcraft Refrigeration Products brands including Bohn, Larkin, Climate Control and Chandler.



## The name behind the brands you trust.™

Trust your perishable investments to the leader in commercial refrigeration. Through four market-leading brands — Bohn, Larkin, Climate Control and Chandler — Heatcraft Refrigeration Products has been providing refrigeration solutions for businesses in more than 70 countries for more than 75 years. And now you can maintain your existing refrigeration equipment with certified commercial refrigeration parts from InterLink.

Our products are manufactured with quality, reliability and innovation to meet and exceed the highest expectations. Rigorous development and testing in our 25,000-square-foot research and development laboratory keep our products ahead of the competition with trouble-free performance and cutting-edge technology. These high performance standards are backed by superior customer-service teams dedicated to serve every need with the best solution and deliver the best lead times in the industry.

Visit us at [www.heatcraftspd.com](http://www.heatcraftspd.com) or call us at **800.537.7775**.



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