

# LIMITROL

FLOATING HEAD PRESSURE CONTROL SYSTEM

**SMART**   
Systems Savings Solutions

**THE NEXT GENERATION OF RESPONSIVE TECHNOLOGY**

AHR  
EXPO

INNOVATION AWARDS  
WINNER

2015



**The Right Choice For The Refrigeration Professional**

**KeepRite**<sup>®</sup>  
REFRIGERATION

## WHAT IS LIMITROL+?

Limitrol+ combines various technologies into a responsive system that floats head pressure, saving energy and reduces environmental impact.

Unlike competitive systems, Limitrol+ combines variable speed EC motor technology, condenser portioning and various systems modifications to provide the ultimate in performance and control.

As a result, Limitrol+ functions in much colder ambients where previous systems have proven ineffective.

## WHAT ARE ITS APPLICATIONS?

- Condensing units over 5 HP
- Ideally suited and most effective in applications with fluctuating ambients
- Perfect for installations where reduced refrigerant charges are desired or required.



### CHECK OUT OUR VIDEOS

Watch our video to learn more about the versatility and convenience of KeepRite Refrigeration's Limitrol+.

[www.k-rp.com/limitrol](http://www.k-rp.com/limitrol)

## HOW MUCH CAN LIMITROL+ SAVE YOU?

Use our handy Energy Savings Calculator to find out.

Visit [www.k-rp.com/limitrol](http://www.k-rp.com/limitrol)



## WHAT DOES IT DO?

Conventional head pressure control systems maintain a constant head pressure regardless of ambient temperatures. Limitrol+ intelligently responds to ambient conditions to float head pressure without sacrificing system performance at lower temperatures. Limitrol+ offers;

- Reduces compressor energy consumption and run time
- EC motor technology further saves energy and reduces electrical requirements
- Lowered environmental impact through reduced refrigerant use
- Stable system performance in lower ambients

## ESTIMATED ENERGY SAVINGS

### PERCENTAGE AND DOLLARS SAVINGS COMPARED TO STANDARD UNIT UTILIZING FLOODING VALVE

MODEL	PHILADELPHIA, PA		NEW YORK, NY		BOSTON, MA		CHARLOTTE, NC		ATLANTA, GA		LOS ANGELES, CA		ST LOUIS, MO		ST PAUL, MN		TORONTO, ON	
	%	\$	%	\$	%	\$	%	\$	%	\$	%	\$	%	\$	%	\$	%	\$
5 HP COOLER	22	\$616	23	\$1,099	25	\$1,081	18	\$474	16	\$521	16	\$835	20	\$624	25	\$798	27	\$638
7.5 HP COOLER	21	\$1,008	22	\$1,805	23	\$1,707	18	\$843	17	\$954	17	\$1,499	19	\$1,053	24	\$1,270	25	\$1,000
10 HP COOLER	18	\$1,204	18	\$2,131	20	\$2,095	15	\$975	14	\$1,089	18	\$2,446	16	\$1,227	20	\$1,529	21	\$1,223
15 HP COOLER	19	\$1,852	20	\$3,300	21	\$3,170	16	\$1,567	15	\$1,767	19	\$3,570	17	\$1,916	22	\$2,337	22	\$1,834
6 HP FREEZER	24	\$903	25	\$1,621	26	\$1,548	21	\$753	20	\$848	23	\$1,548	22	\$928	26	\$1,119	27	\$891
7.5 HP FREEZER	21	\$994	21	\$1,783	23	\$1,726	17	\$800	16	\$891	18	\$1,591	19	\$1,012	23	\$1,255	24	\$1,004
13 HP FREEZER	19	\$1,425	19	\$2,535	21	\$2,450	16	\$1,150	15	\$1,286	15	\$2,110	17	\$1,471	21	\$1,798	22	\$1,428
15 HP FREEZER	18	\$1,602	19	\$2,846	20	\$2,717	16	\$1,312	15	\$1,479	14	\$2,224	17	\$1,672	20	\$2,009	21	\$1,587

\* The above is a BIN Hour Analysis. Weather data was used from ASHRAE Weather Data Viewer and electrical rates for each city are based on June 2013 data from EIA (U.S. Energy Information Administration).

\*\* Above numbers do not include refrigerant savings, and further cost savings can be expected.

**KEEPRITE REFRIGERATION**  
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[www.k-rp.com](http://www.k-rp.com)

We design and manufacture a complete line of commercial refrigeration products.  
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