



FALKONAIR NEWS

The Innovation Information Newsletter



Leaping For Joy at Lepes!

In conjunction with National Resource Management, Inc (NRM) of Canton, MA, two **30HP VMF Packages** were installed on low-temperature Copeland Discus compressors on single split units of Lepes Foods, a food service distributor in Santa Rosa, CA. We were given this project with the goal of saving energy for the customer as requested by the utility company. During the initial commissioning, the Smart Compressor Control technology, built into the VMF Package identified that one of these compressors had been working in an unhealthy state. It was determined that it had low pumping efficiency for its horsepower, and its consumption was resulting in higher discharge temperatures.

Due to Falkonair's relationship with National Compressor Exchange of Farmingdale, NY, NRM had the opportunity to replace the faulty compressor with a replacement, remanufactured compressor at a justified manufacturer's cost. After the replacement compressor was agreed and fitted, the project was put on hold for four weeks to regain new data. After this was agreed upon by the utility company and customer, the project then resumed, and Falkonair commissioned the project. With the benefit of historical data from NRM's CoolTrol system, newly gathered data, and the VMF Package being commissioned. We are seeing a reduction of the entire facility's utility bills by more than 18%, equating to over 50% between these systems. The system has been continuously tracked since its installation in January 2023, and as of today, we are tracking precisely the same savings bearing in mind the differential of ambient temperatures between January and April.



Saving A Fortune!



We were approached by Key Mechanical's Seattle, WA, office to introduce the VMF. Their first installation of the package was at an F500 company in Seattle on a low-temperature refrigeration compressor and evaporator fan motor. The necessary checks were completed, everything on the system was healthy, and the installation was swiftly completed in two days.

One of the comments by the main technician installing the VMF was that "he was impressed by how easy it was to be set up and commissioned and how quiet the Copeland Discus compressor equipment had become."

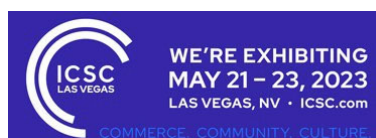


Other News.....

We are pleased to confirm that we have established a new office and are in the process of building a new training center in Farmingdale, NY, to serve our Northeast customers. We will bring more news on this exciting development in future newsletters!

Upcoming Exhibition News

We will also be exhibiting at





Vegas Convention Center

Booth 1109U Las

Rapid Savings in Rapid City, SD

A recent project with Climate Control System & Service LLC and Integrated Mechanical Solutions of Rapid City, SD, has seen savings of over 5,000 kWh per week (30%) on the City's Roosevelt Ice Rink. Two Falkonair **100HP** VMF Packages were installed in January 2023 on two large Carlyle (Carrier) reciprocating compressors that cool the Ice Rink's brine water.

One of the head technician's comments on this project was, "I can see better cooling efficiency on the system, but I still cannot understand how the VMF does it. I am still confused about how the VMF package is maintaining better cooling on the system but I don't really care, the customer is happy and so are we". The

savings are evidently encouraging.

Presenting At The AHR Show In Atlanta, GA



We were thrilled to exhibit earlier this year again in Atlanta, GA. The AHR Show was an enormous success, and we enjoyed meeting new and old customers. We were invited to give a presentation at the show, and our CEO, Chris Micallef, gave this to an enthusiastic audience. We are looking forward to seeing everyone again in Chicago, IL, next January.



For more information on any of the articles, please feel free to contact your representative or info@falconair.com