

## 1. Single Source responsibility

Field assembled systems require the mechanical engineer to select a wide variety of components manufactured by various vendors, integrated into an efficient, reliable system, and assembled by the successful bidding contractor. Should a problem occur, does the engineer take responsibility, the contractor, or one of the numerous manufacturers? Many times the lines of responsibility are not clearly defined. A designed, prepackaged, and tested packaged system provides single-source responsibility.

## 2. Extended Equipment Life

The highly specialized assembly facility ensures that all equipment is supported properly and piping connections designed precisely to cause less stress. This will reduce premature failures and therefore extend the life of all assembled components.

## 3. Complete System Testing

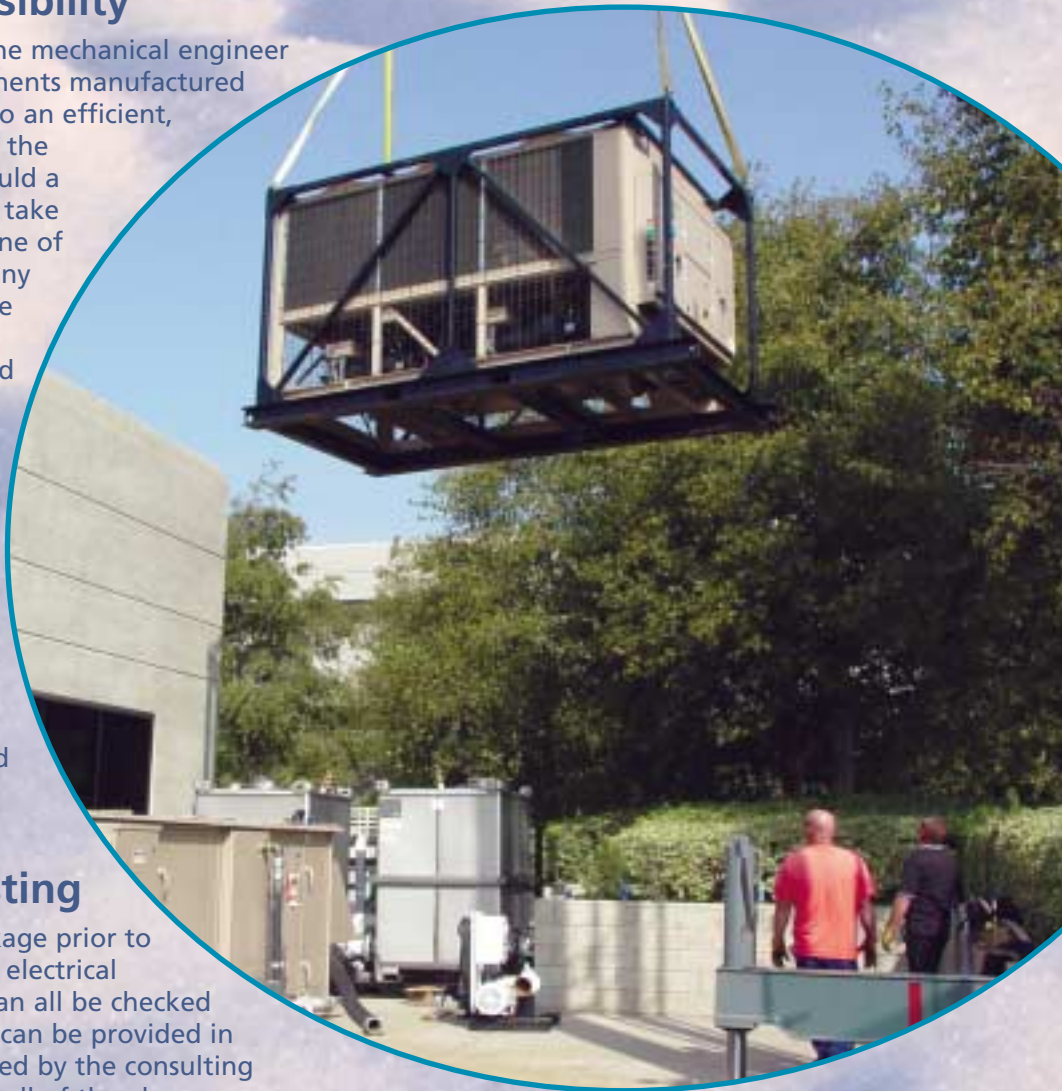
With a complete testing of a package prior to installation, pump flow dynamics, electrical analysis, and system integration can all be checked out and proven. A written report can be provided in addition to all tests being witnessed by the consulting engineer, customer, contractor, or all of the above.

## 4. System Accuracy - Performance and Budget

From verifying the flow and head requirements of the pumps to ensuring a competitive, accurate budget, a preassembled system package makes sense. Considering the number of people and components involved in even a small, uncomplicated system, there are many reasons to pursue a single-source for a prepackaged, tested, and accurately priced system package.

## 5. Flexibility

Perhaps the number one reason for pursuing a system package is flexibility. Once the concept is communicated to Peterson Power Systems and a shop drawing generated, the owners representative, engineer, or contractor can make any and all necessary changes. The shop is not an assembly line and requests for changes in the layout or additional design requirements can be easily accommodated with little or no cost impact. Leadtimes are rarely impacted and many times changes lead to better designs and even cutting edge improvements and technology.





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*"The Peterson Temperature Control group was excellent technically and we received precisely what we requested. The pretesting of the skid was a major asset.",* noted a prominent L.A. engineer.

*"We had very special requirements due to environmental and weather concerns. The fit and finish of the package was superior to our expectations and therefore met all of our engineering criteria.",* a Seattle based engineer for a large power development company commented.



With 20 years of application engineering in HVAC industry, Temperature Control Specialist *Matt George* has engineered and built packages ranging from relatively simple heating only skids to complex packages requiring tight controls for specified manufacturing requirements. Matt's ability to think out of the box in solving problems is an asset acknowledged by many in the Temperature Control industry. If HVAC is involved, Matt will be an asset to any team.

As a Peterson Power Temperature Control Specialist, *Randy Young* comes with a varied background in the HVAC industry. Randy has been a proponent of packaging and has teamed with consultants in the past to design, build and install pumping packages. With years of management experience, Randy ensures that from inception to startup the skid has a sound design, solid construction, and is economically priced.