

The Cold Facts

Spring 2001



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Another RSC Employee Success Story

RSC is pleased to announce the promotion of Ray Girt to Senior Vice President – Sales. Ray began his career with RSC as a Project Manager 17 years ago and has been in sales for the last 12 years, most recently as Vice President of Sales for our Columbus office. Ray's continued commitment to deliver quality service to our customers has been exemplary. His knowledge of our customer base, company and our contracting method of constructing cold storage and processing plants make him ideally suited for this new challenge.

Ray and his wife, Eloise, have been an integral part of RSC's success. Please join us in congratulating Ray on his latest achievement.



Ray Girt, RSC Senior Vice President

Stand-Alone Condenser Controller

RSC offers a stand-alone condenser controller that meets all the needs for sophisticated discharge pressure control at a price competitive with conventional mechanical equipment. Thanks to the many benefits of reliable electronics, compared to the old mechanical style controls, an RSC customer can now enjoy accurate condenser fan and pump staging with the added benefit of future expansion capability. Here's a brief description of the equipment:

The system features:

- Microprocessor controlled
- 7 stages with alarm output
- Optional 15 stages with alarm output
- Built-in hand-off-automatic switch for each output
- Status light for each output
- Built-in LCD display unit to enter set points and view operating parameters
- Outside air temperature sensor included

The software features:

- Automatic changeover from summer to winter schedule
- Lead lag sequence for each stage changeable by user
- User entered head pressure target for ease of use
- Adjustable head pressure alarm
- Adjustable inter-stage delay

Optional features:

- Alarm dialer, dials out to three phone numbers
- Strobe light/horn alarms for remote mounting
- Refrigerant gas leak detector monitoring and alarm (up to 10 sensors)

The system may be expanded later to include:

- Compressor control and staging
- Evaporator defrosts with temperature control
- Personal computer with graphic display



RSC Electronic
Condenser Staging
Controller

We are saddened at the loss of a very dear friend. On March 9, 2001, John "Jack" Donnelly passed away suddenly at his home. Jack was a great person who made a significant contribution to the industry. Please join us in offering our condolences to his family. Jack, you will be missed!

RSC International Awarded Petrochemical Refrigeration Project

RSC International, our Houston office serving the chemical, petrochemical, oil and gas industries, works closely with owners or engineering firms on specialty refrigeration applications. Our most recent order for a specialty system requires the cooling of heptane. Heptane is used like brine, in place of one of the common water-based brines like ethylene glycol. In this application, it will be used to handle different cooling needs throughout the chemical plant.

The big question is, "Why use heptane instead of a glycol or other brine solutions?" Heptane is a petroleum-based product and is used in various fuel-based products such as solvents and as a chemical intermediate. And...it's flammable.

In this application, the use of the heptane is to cool lithium metal in the plant to produce butyllithium. This is a product used in the plastics industry as a catalyst. Heptane is used as the heat transfer medium because any contact of a water base product, such as ethylene glycol solution, that is mixed with a lithium solution will cause a flash fire. This could happen should there be a leak in a heat exchanger.

Because of this extraordinary requirement, the refrigeration unit will be skid mounted and designed to special, rigid chemical plant environment specifications. The unit will employ rotary screw compressors with Class I Division II explosion proof design controls, special motors and a specially designed shell and tube chiller and water cooled condenser.

When you have special needs for your cooling requirement, whatever they may be, let RSC help you with your application.

—Vince Orlando
President, RSC International

RSC Electronic Communications

It's often said that communications are the key to relationships. Bad communications, bad relationships; good communications, good relationships. This is, of course, true in business. At RSC, communications are essential to maintaining positive relations with our customers as well as vendors. We try to provide good communications by offering multiple means of communications.

In addition to the standard lines of communications—telephone, fax, mail, package delivery—we offer some additional forms that come under the heading of electronic communications. We can send and receive documents, including drawings, in an electronic format via e-mail. We can send and receive documents electronically via floppy disks. We can even send and receive documents via CDs.

The fastest of these is e-mail. This allows us to get large drawings in a customer's or vendor's hands in a matter of minutes, instead of days. CDs allow us to send many and/or large documents together in one small package as a CD. We can, for example, furnish a customer with a complete set of "as-built" drawings and vendor drawings of a project all on one CD. This provides them with a permanent, easily accessible record of their project.

When it absolutely, positively, must get there today, WE CAN DO IT! And that's not just talk, it's COMMUNICATING!

—Ron Odom
Director of Engineering

The RSC Family Tree...

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Celebrating 40 Years of Exemplary Service

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