

The Control Zone

Total Solution for all your Control Needs



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From the Desk of the Director of Sales & Marketing:

"Partnerships in business are crucial for success. Finding that partner that enhances your product offering while fulfilling your customer's needs can be challenging. In Hanbell Compressors we have found that partner. Since 2005, MCS Controls and Hanbell Compressors have been working together to solve some of the most difficult HVAC/R application needs. Are you ready to give us a try?"

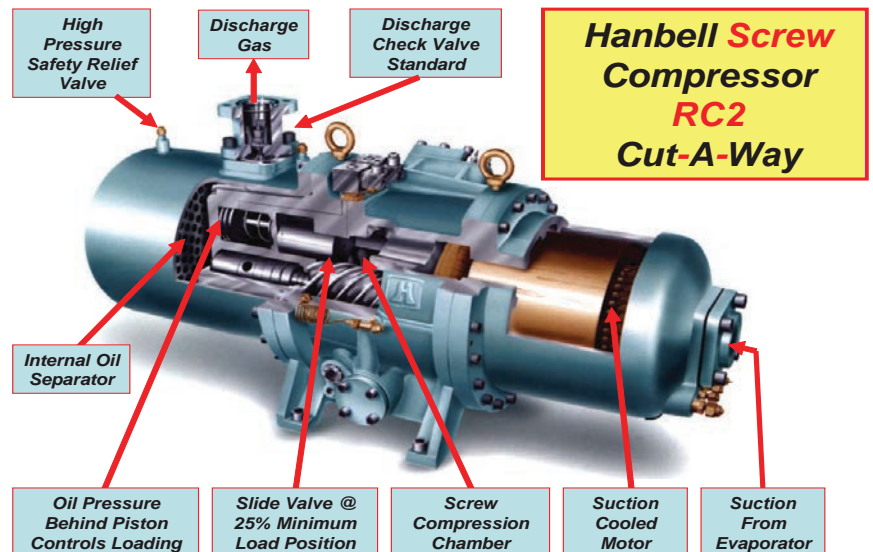


HANBELL High-efficiency... SCREW TECHNOLOGY

The Hanbell RC2 series semi-hermetic screw compressor has been developed especially for applications in air conditioning and refrigeration. With high operating load design, each Hanbell compressor is designed for high efficiency, durability and reliability in all operating conditions. These compressors have a small footprint, thus saving valuable space, and have low vibration and noise levels.

With growing concern for efficiency, Hanbell compressors deliver the highest operating efficiency through a patented motor-cooling design, as well as an advanced Rotor/Stator design to ensure high capacity and efficiency in all operating conditions.

The Hanbell RC2 model has a wide operating envelope, and is designed to cover low, medium and high temperature applications using various types of refrigerants. These compressors are more cost effective than larger reciprocating semi-hermetic compressors, and offer greater efficiencies than reciprocating and scroll compressor technologies.



MCS & Hanbell's Competitive Advantage

- Superior **Quality** ~ Hanbell Screw Compressors
- Superior **Quality** ~ MCS ~ Microcomputer Control Systems
- High **Efficiency** available in 26 Models from 15 to 500 Tons
- Quietest **Screw** Compressor in the Industry
- Competitively Priced

In this Issue . . .

- Hanbell High Efficiency Compressors
- MCS/Hanbell Upgrades

www.mcscontrols.com



MCS/Hanbell Upgrades

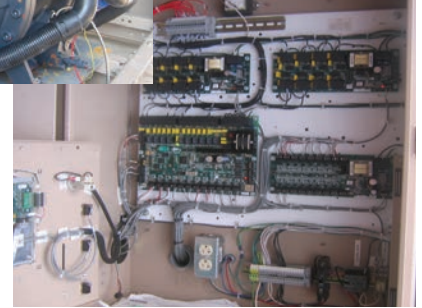
Concerns:

- Cost of York DXS-45 compressor
- Repeated compressor failures
- (1) year warranty on York compressor
- How would Hanbell fit in the YCAS 200 frame
- Integrating MCS Controls and a Hanbell compressor with the remaining York compressor



Equipment and Upgrade

- **Hanbell Compressor with 3 years warranty**
- **MCS CONTROLS**, proprietary application, easy integration with building management system, customizable, lasting support, Previously released MCS products (hardware and software) remain supported.

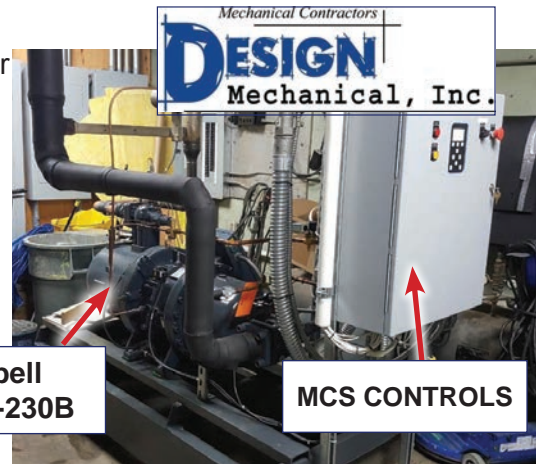


Concerns:

- Compressor 'CATASTROPHIC FAILURE' of their existing compressor

Equipment and Upgrade

- **Hanbell Compressor with 3 years warranty**
- **Hanbell RC2-230B, 163cfm - Reduction of 18% cfm**
- **New Hanbell set in place after modification of base and MCS Control Panel in place.**



Hanbell RC2-230B

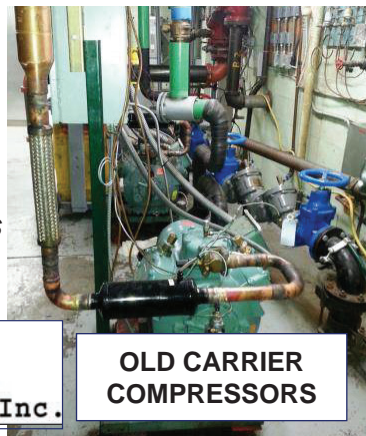
MCS CONTROLS

Concerns:

- Old compressors - Carriers 208v - R-22 refrigerant

Equipment and Upgrade

- **MCS-MAGNUM CONTROLS**
- **Hanbell RC2-140B Compressor**
- **Yaskawa A-1000 VFD**
- **MCS-EXV-DRIVER & Sporlan EXV's**
- **R421A Refrigerant**



OLD CARRIER COMPRESSORS



COMPLETE MCS PACKAGE INSTALLED



MCS Energy Efficient and RoHS Compliant

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