



BY JOHNSON CONTROLS

Shrink Wrap for York ESG Small Tonnage Chillers

ENGINEERING SUPPLEMENT

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CUSTOMER
ASSURANCE

PRODUCT
PROTECTION



GREAT FIRST
IMPRESSION

SEALED-IN,
FACTORY-NEW LOOK

GENERAL

A great customer first impression is created when the small tonnage chillers are delivered to their job. It is the shrink-wrapping of the unit that helps generate this appeal. This is standard practice for units shipped from the North American factories for small to large, whether they are the YCAL, YCUL, YLAA, YLUA, YCAV, YCIV, YCWL, and YCRL.

SHRINK-WRAP

The equipment is completed in a clean factory environment. The shrink-wrapping of the unit is then added to seal-in this new factory look. This is similar to the protective wrapping used by premium automobile manufacturers to protect the finish and glass of their products during transport. The wrap is of durable polypropylene material. Fiber cord re-enforcing is an integral part of this tough construction. It is applied over the finished unit and heat is applied by a heat gun. This allows the wrap to conform to the unique shape of each unit. The translucent color allows for visual inspection of component parts. Also, an easy-to-use rigging label and the identifying serial number are included for the customer's reference.

SHRINK-WRAP BENEFITS

There are many customer benefits, which are gained with this standard feature.

SHIPPING PROTECTION

Using the shrink-wrap allows road grime and winter de-icing materials to cling to the shrink-wrap instead of the customer's investment. Road salts such as sodium chloride, calcium chloride, potassium chloride, magnesium chloride and other harmful chemicals are kept off of the unit. Air cooled condenser heat exchangers are protected from the corroding chemicals. This helps assure their optimum performance, as well as unit life.

DUST RESISTANCE

The shrink-wrapping helps keep environmental dust off of the equipment. Customer cleaning or washing-down expense of the equipment at the job is reduced or eliminated. Dust also provides a good breeding ground for airborne pollutants, such as mold.

RAIN/MOISTURE RESISTANCE

Even though outdoor chillers are designed to resist rain and moisture as standard practice for outdoor application, the shrink-wrapping provides an extra measure of moisture protection for the electrical panels and components during shipping. This is even more important for the indoor YCWL and YCRL designed models.

TAMPER PROTECTION

There is the old expression: out-of-sight; out-of-mind. A unit fully encased within the shrink wrap cover makes it more difficult to see inside. This can reduce the potential for pilferage or stealing of unit components. The potential



for unwanted tampering is reduced too. All of these can help reduce customer aggravation and provide peace-of-mind.

ADDITIONAL EQUIPMENT BENEFITS

There are no worries whether the equipment is protected by shipping tarps, crating or within a closed truck. The buying or renting of a tarp and labor involved to field protect a unit that is being stored on the job-site, can add cost to the customer. As long as the shrink-wrap has not been removed, storing a unit on the job-site no longer requires the unit(s) to be covered with a tarp.

COMPLETE PROTECTION

Due to all of the above protective qualities, product life is extended and maintenance costs are reduced. The shrink-wrapping adds value to your product by eliminating unwanted wear and tear, which can inadvertently occur during shipment or while sitting at the job-site. Additionally, the protective wrap will keep the unit cleaner during transport.

GUIDE SPECIFICATIONS

The published equipment specification section, which is identified by delivery and handling, can be enhanced with the following statements.

Unit(s) shall be provided with a shrink-wrap covering for shipment and job-site protection. The covering shall be formed-fitted around the exterior of the unit. It shall be of a fiber re-enforced, polypropylene, heat shrink-wrapped material. It shall cover the top, sides and ends and to protect the product against rain, snow, wind, dirt, insects, sun fading, road salt/chemicals, rust and corrosion during shipment and storage. A rigging instructions label and serial number identification shall be included on the outside of the shrink-wrap. Storing on job-site shall no longer require the unit(s) to be covered with a tarp as long as the covering has not been removed.

Manufacturers of units not having protective shrink-wrapping around the equipment shall required to ship equipment covered with a tarp or in a closed truck as is necessary to ensure product protection form rain, snow, wind, dirt, insects, sun fading, road salt/chemicals, rust and corrosion. Arrangements for short term and/or long term storage at the job-site shall be required.