

SERVICE BULLETIN

Affected Equipment: YCAV and YCIV Chillers

Subject: YCAV and YCIV "MTS" Returned Compressor Procedure

Issue Date: 11/09/09 (Supersedes SB0109 (709)) Withdrawal Date: 12/31/11 Data Control Level: C

Materials Needed: N/A

Tools Required: N/A

Est. Time Required: N/A

Warranty: N/A

Revision Notes: N/A

General

Whenever an MTS screw compressor is replaced on a YCAV or YCIV chillers in North America, the compressor must be returned to York Refrigeration before warranty will be accepted. This compressor return procedure can be initiated by simply calling the phone number on the attached return form, and requesting an RMC#.

Once the RMC# is obtained, the compressor must be buttoned up and skidded before sending it back using the local office preferred trucking company. Please follow the "NOTE" at the bottom of the Returned Compressor Information Form for buttoning up the compressor prior to shipment. This is important to assure the compressor is not damaged due to moisture, which inhibits efforts to perform failure analysis. It also assures that dirt will not enter the compressor.

The failed compressor **must** be returned within 14 days of removal from the chiller. Be sure that the completed form accompanies the compressor when it is shipped.

**Fig. 1 - MTS Compressor**

Work on this equipment should only be done by properly trained personnel who are qualified to work on this type of equipment. Failure to comply with this requirement could expose the worker, the equipment and the building and its inhabitants to the risk of injury or property damage.

The instructions on this service bulletin are written assuming the individual who will perform this work is a fully trained HVAC & R journeyman or equivalent, certified in refrigerant handling and recovery techniques, and knowledgeable with regard to electrical lock out/tag out procedures. The individual performing this work should be aware of and comply with all national, state and local safety and environmental regulations while carrying out this work. Before attempting to work on any equipment, the individual should be thoroughly familiar with the equipment by reading and understanding the associated service literature applicable to the equipment. If you do not have this literature, you may obtain it by contacting a Johnson Controls Service Office.

Should there be any question concerning any aspect of the tasks outlined in this bulletin, please consult a Johnson Controls Service Office prior to attempting the work. Please be aware that this information may be time sensitive and that Johnson Controls reserves the right to revise this information at any time. Be certain you are working with the latest information.



RETURNED COMPRESSOR INFORMATION

RMC # _____

GENERAL INFORMATION

Customer _____

Date _____

Job Name _____

Compressor Model # _____

Location _____

Compressor Serial # _____

Chiller Model # _____

JCI/YORK Contract # _____

Chiller Serial # _____

Service Dept. Contact _____

Service Dept. # _____

SD# _____

DESCRIPTION OF PROBLEM (Completed by Customer or Field Service)

Date of Chiller Installation _____

Date of Start-Up _____

Number of Failed Compressor Starts _____

Failed Compressor Hours of Operation _____

Chilled Liquid Setpoint _____

Conditions at Time of Failure (if known) _____

SHIPPING INSTRUCTIONS (Compressor must be returned to facility below)

York Refrigeration

Phone: (717) 765-2462

100 C.V. Ave.

Fax: (717) 762-8624

Waynesboro, PA 17268-0997

NOTE: All returned compressors must be securely fastened to the shipping skid, and all external openings must be properly sealed to prevent contamination. This is accomplished by ensuring that the solenoid cover and all service plates are securely attached to the compressor, with gaskets and/or O-rings to seal the compressor.

**THIS SHEET MUST ACCOMPANY ALL RETURNED COMPRESSORS.
ALL SHIPMENTS MUST BE SENT PREPAID!**