



Service Information

File In/With: -		SI0337	
		New	1016
Equipment Affected:	YLAA, YCAL, YCUL, YCWL, YLUA, YLPA, YCRL		
Data Logging on Scroll Chillers			

GENERAL

This service information letter is to highlight the data logging feature on YORK Scroll Chillers with the current 031-02550-XXX Control P.C.B.

BACKGROUND AND INSTRUCTIONS

The control board is equipped with an SD card slot used for loading new software versions.

Data is recorded onto the new SD card every 5 seconds. The time interval cannot be changed. Data will be recorded as new until the SD card is full. Then old data will begin to be overwritten. A 2GB SD card should record over a year's worth of data before it will begin to overwrite the existing data. Data is stored as a pivot table. Check the Excel or another spreadsheet program is installed on your computer prior to viewing data.

Enabling this feature is recommended as it can provide operational data of the chiller for review.

FIELD INSTRUCTIONS FOR ENABLING DATA LOGGING

1. Follow proper JCI lockout/tag out procedures prior to working on the chiller.
2. The 2GB SD card is already installed in the I/O board from the factory.
3. If SD card is not already installed in the I/O board, procure the 2GB SD card from BPC and install into the slot on the I/O board.
4. Energize the unit.
5. Verify unit has been powered back on, the I/O has booted and the unit switch is in the off position.
6. Press OPTIONS key, then cycle through the menu until you find DATALOG TO FLASHCARD and verify that it is set to ON.

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 Johnson Controls, 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.