



SB0028

103

File In: EP Manual Under OptiView Retrofit Tab

ESG SERVICE BULLETINAffected Equipment: OptiView Panel Retrofits
HT/OT & Competitive Chillers**Subject: Recall of Retrofit Temperature Sensors 025-37825-004 & 025-37825-001
From Batches Manufactured 07/18/02 & Shipped 07/18/02 Thru 01/20/03****Issue Date: 01/28/03****Withdrawal Date: 02/28/03****Data Control Level: B****Materials Needed: Replacement Sensor 025-37825-004 and/or 025-37825-001****Tools Required: Combination Wrench (7/8"), Hand Tools and Pipe Thread Sealant****Estimated Time Required: 2 Hours for Sensors installed in Chillers****Warranty: Yes: Parts - Baltimore Parts Center. Labor: Service Aftermarket Warranty****Revision Notes: N/A****BACKGROUND**

Temperature Sensors (p/n 025-37825-004 & 025-3785-001) manufactured July 18, 2002 have been failing with an Open Circuit fault. Due to a manufacturing fault, the leads on these sensors may break, resulting in an open circuit.

UNITS AFFECTED

Retrofit Temperature Sensors 025-37825-004 & 025-3785-001 shipped from the Baltimore Parts Distribution Center from July 18, 2002 to January 20, 2003 with package date codes of August 2002 through January 2003 are subject to this recall notice. This recall applies only to specific Sensors 025-37825-004 & 025-3785-001 that were manufactured 07/18/02. All recalled sensors can be visually identified by the lead wiring and part number labeling. Refer to the pictures of "Good" and "Recalled" Sensors in this bulletin, and identification notations. If you have any questions or require additional information, contact Product Service or Baltimore Parts Distribution Center personnel.

CAUSE OF FAILURE

The Sensors thermistor-to-wire solder joints are supposed to be a minimum of ¼ " within the epoxied area of the sensor brass body. The affected sensors were mis-manufactured with the thermistor to white wire solder joint being made external to the epoxied area at the surface of the sensor body where normal bending of the lead wires is breaking the thermistor wire causing an open circuit failure of the sensor.

SOLUTION

When you have identified the number of the recalled Sensors that require replacements contact the Baltimore Parts Distribution Center (B-PDC) and request replacement sensors per B-PDC Warranty Return Authorization (WRA) procedures.

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 York Service Office.

Should there be any question concerning any aspect of the tasks outlined in this bulletin, please consult a York Service Office prior to attempting the work. Please be aware that this information may be time sensitive and that York International reserves the right to revise this information at any time. Be certain you are working with the latest information. The York Service office nearest you may be found on the Internet at www.york.com.

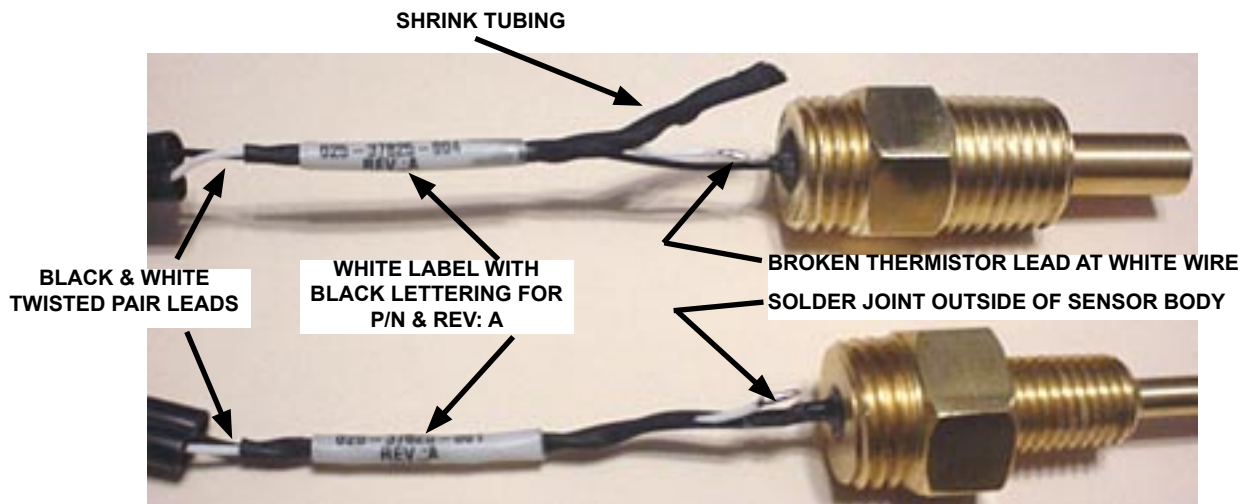
For recalled sensors identified that have already been installed in chillers, Service Aftermarket Warranty will cover limited labor for sensor removal & reinstallation.

Product Service, Aftermarket Products Contact:

Michael Cavanaugh 717-771-6865 or michael.cavanaugh@york.com

025-37825-004 & 025-3785-001 Sensors Manufactured Jul 18, 2002 Failing Open Circuit

The recalled sensors are shown below with twisted pair black/white lead wires covered with black shrink tubing cut back to expose the broken thermistor lead at the solder joint to the White wire. The thermistor-to-wire solder joints are supposed to be a minimum of ¼ inch within the epoxied area of the sensor brass body.



IDENTIFYING GOOD and RECALLED 025-37825-004 SENSORS

Below is a **Good 025-37825-004** sensor - shown with two single black lead wires and white label with black lettering of **P/N** on the first line and **MED** on the second line, wrapped around the wires.



Below is a **Recalled 025-37825-004** sensor - shown with twisted pair black & white lead wires covered with black shrink tubing and white label with black lettering of **P/N** on the first line and **REV.:A** on the second line, wrapped around the shrink tubing.



The replacement sensor will be the same as above but will have **0103** (Jan 2003 mfg.) engraved on one of the sensor body flats.

IDENTIFYING GOOD AND RECALLED 025-37825-001 SENSORS

Below is a **Good 025-37825-001** sensor - shown with twisted pair black & white lead wires covered with black shrink tubing and white lettering of P/N imprinted directly on the shrink tubing.



Below is a **Recalled 025-37825-001** sensor - shown with twisted pair black & white lead wires covered with black shrink tubing and white label with black lettering of P/N on the first line and **REV.:A** on the second line, wrapped around the shrink tubing.



The replacement sensor will be the same as above but will have **0103** (Jan 2003 mfg.) engraved on one of the sensor body flats.