

ES SERVICE BULLETIN

Affected Equipment: Air Handlers with VFDs
Built from July 2004 to July 2006

Subject: Key Pad Failures

Issue Date: 09/15/06

Withdrawal Date: 12/31/09

Data Control Level: C

Materials Needed: New Drive Key Pad (024 34339 012)

Tools Required: Basic hand tools

Est. Time Required: Five minutes per key pad

Warranty: Yes

Revision Notes: N/A

General

The key pad device on variable frequency drives included with the AirMod products shipped from **July 2004 through July 2006** have the potential for failure. This failure is exclusive to the key pad device and should not have any effect on the functionality of the drive itself. The following descriptions are related to these specific key pad failures.

- a) Stack overflow causing panel to freeze at power up or during operation.
- b) Blank or distorted display due to unreliable heat-seal connections to LCD.
- c) Real Time Clock inaccuracies when EMI/RFI filter was disconnected due to noise from drive.

Replacement Guidelines

In the event of a key pad failure the replacement of key pad/s is authorized on all units as described in this document. Key pads should be ordered from the Baltimore Parts Center and changed out on a per job basis. For example, if there are six units at one job site were only two have failed and need new key pads, order and replace any and all key pads that pertain to this document. So, if all six units fell into the change period and you have had two failures, change them all within the same site visit. We will not authorize multiple site visits for key pad replacement.

NOTE: Return of defective key pad is not necessary. However, you must follow the warranty procedures outlined by York/ABB Warranty Procedure (SI 0117) to obtain warranty reimbursement.

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 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.

Key Pad Identification

To ensure you have the most recent key pad that is not affected by this issue, please adhere to the following guidelines.

REPLACE

ABB keypad Panel Rev. F should be replaced (old keypad has potential display problems)

ABB Keypad (Operator Panel)
024 34339 012 (AYK-CP-G)



OK

ABB Keypad Panel Rev. F1 is OK (this is a pre-production keypad with the new display)

ABB Keypad (Operator Panel)
024 34339 012 (AYK-CP-G)



OK

**ABB Keypad Panel
Rev. G is OK**

ABB Keypad (Operator Panel)

024 34339 012 (AYK-CP-G)

