

BULLETIN NO. 090507

DATE: 05/07/09

PRODUCT: All 95M-200 Boilers

FROM: Technical Service Department

TITLE: Line Voltage Monitor

MODELS AFFECTED

95M-200

SITUATION

There have been reported incidents regarding E-04 lockouts on the 95M-200 boilers due to low voltage or “brownout” conditions. An E-04 error code is intended to indicate that there has been a hard lockout followed by a loss of power. For example:

- On a call for heat the boiler fails to ignite. The boiler will lockout and display the E-02 error code.
- Then, while locked out, there is a power loss. Upon power being restored, E-04 is now displayed and the control remains in a hard lockout. This alerts you that a hard lockout error occurred prior to the power loss.

Low voltage conditions can cause the Honeywell MCBA boiler control to lockout and display an erroneous E-04 code. These reports have been limited to certain applications and are not widespread.

SOLUTION:

A “Line Voltage Monitoring” control has been developed to insure that the Honeywell MCBA operates only under full power. The operation of this line monitoring device is to insure that proper power is supplied to the Honeywell MCBA control. In the event the incoming power approaches unacceptably low levels, the line monitor will shut down power to the control preventing operation and preventing an E-04 hard lockout.

Production models:

Starting with boilers manufactured May 1, 2009, the Line Voltage Monitor is installed as standard equipment, See photos 1 & 2.

TECHNICAL BULLETIN

In Field Product:

The Line Voltage Monitor is available in kit form (Kit no. 550001996) for easy installation on any boiler. If you have experienced unexplained E-04 error codes, please contact our technical service department at 1-800-325-5479.

If you have any questions regarding the information contained in this bulletin please contact our technical service department at 1-800-325-5479.

LOCATION OF LINE
MONITOR, SHOWN
WITH PROTECTIVE
COVER IN PLACE.

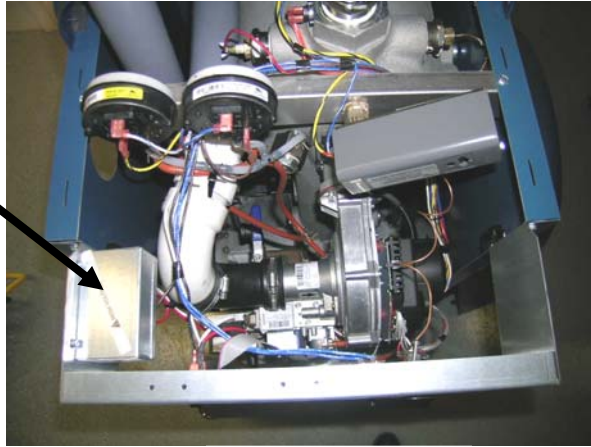


PHOTO 1

FRONT VIEW OF BOILER FROM OVERHEAD
WITH FRONT PANEL REMOVED

LOCATION OF LINE
MONITOR, SHOWN
WITH PROTECTIVE
COVER REMOVED.

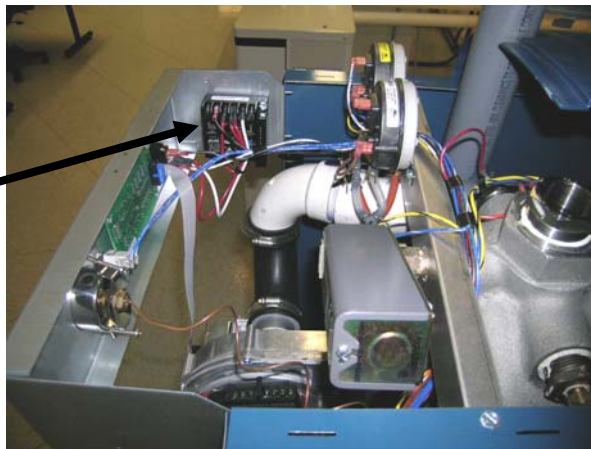


PHOTO 2

RIGHT SIDE VIEW OF BOILER
WITH FRONT PANEL REMOVED