



Technical Bulletin

Ref: TB 07001-A
2007

Issue date: February 13,

Product: INOcal[®] /INOvent[®]

Priority: Normal

Affected parts: CN Tubing Kit - PN 6002-0000-106

Classification: Information

Subject:

Monitor failure during High Calibration of the INOvent

There have been several reports of the water trap bottle becoming dislodged and monitoring failures occurring during the high calibration sequence for the INOvent delivery system. The cause of both issues has been found to be the result of the check valve on the CN Tubing kit being installed backwards. This causes the pressure in the sample system to rise above 70 cm H₂O resulting in dashes on the screen and a subsequent monitoring failure alarm, or in some cases dislodging the water trap. Should either condition be encountered during the high calibration, inspect the CN Tubing kit for the proper placement of the check valve. (See the diagrams below).

The purpose of the check valve, under normal operating conditions, is to vent excess flow and pressure from the sample system and prevent the aspiration of room air in to the cal gas sample.

To correct the problem, remove the check valve from the tubing and reinstall in the proper direction as indicated by the diagram imprinted on the check valve. Keep in mind the direction of gas flow.

Corrective actions have been put in place by the manufacturer to prevent any further assembly issues.

