



Product Advisory Insight II Flame Scanner

ATTENTION:

This advisory applies to the Insight II Flame Scanner for all models and all versions built before May 23, 2014 (Date Code 1421 or earlier) with an Engineering Code of 08 or earlier.

During manual configuration the highest three flame frequency bands **164hz, 171hz and 179 hz must not be used.** These three frequencies, if set in combination with manually adjusted high user gains and/ or lowered switching thresholds may simulate the presence of flame where there is no flame. These bands are available only if you are manually setting your flame scanner. This combination of settings may cause your scanner to indicate a false flame condition, which could cause the accumulation of unburned fuel and create the potential for an explosion.

Follow the guidelines in the product manual CU-113 that describes the proper set up procedure for the Insight II flame scanner: A section from that manual is detailed below:

	<p>CAUTION: After selecting Sensor TYPES used, Sensor BANDS, Sensor GAINS, and Flame Relay ON & OFF Thresholds, proper flame detection and flame discrimination must be verified by starting and stopping the burner several times. The flame relay must reliably de-energize for all flame out conditions. This testing should be done with various adjacent burners on and off, and at various load levels. This is a requirement for proper operation.</p>
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It is safety critical that this caution in the product manual be followed as described above and that the flame relay is tested to de-energize for all flame out conditions.

Sincerely

John Devine
General Manager