

## Amerex Corporation

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**Subject: Applebee's IABR-36 Steakhouse Broiler/Smoke Box**  
**Date: February 5, 2018**  
**File: 0011.1.B\_Applebees Steakhouse Broiler with Smoke Box**  
**System: KP RFSS**

To Whom It May Concern:

The Steakhouse Broiler/Smoker Box from Imperial IABR-36 should be protected using 1 - P/N 11983 nozzle for a cooking surface module size of 28.5" x 24". The nozzle will be positioned anywhere along or within the perimeter of the appliance and be aimed at the center of the module. Additional P/N 11983 nozzles will be needed if the appliance exceeds the module surface area coverage of 684 in<sup>2</sup>. The outlined coverage is listed in our KP manual P/N 20150 on page 3-17. This recommendation is made to cover both the cooking surface and the smoker box below and is only applicable if the appliance meets the requirements of NFPA 96 section 14.3.4 2014 edition.

Amerex maintains the position that if the design of this appliance changes in such a way that the wood holder cannot be protected from above, this recommendation is no longer valid, and the appliance coverage would need to be re-evaluated.

Amerex has used its wet chemical fire suppression system for similar installations both here in the USA and in Canada. There is no UL fire test for this specific appliance and to perform such a test for every model of broiler would be cost prohibitive; therefore, we must rely on our industry expertise and live fire test results. This manufacturer's recommendation is sound fire protection based on knowledge gained from extensive fire testing.

If you have any further questions, please feel free to contact me at (205) 655-3271.

Sincerely,  
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