

## Star International Holdings Inc.

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Listed below are the ANSI, NFPA, and EPA standards the Wells Ventless Cooking Systems have been evaluated to, approved to, or designed to comply with.

### **UL 197 Commercial Electric Cooking Appliances**

These requirements cover commercial electric cooking appliances rated 600 volts or less, intended for indoor use, and intended for use in accordance with the National Electrical Code, NFPA 70. UL 197 is the primary standard covering commercial electric cooking appliances and is the basic standard covering the Wells Ventless Cooking Systems.

### **UL 710B, Standard for Recirculating Systems**

Wells Ventless Cooking Systems are approved to UL710B, which is the appropriate standard for cooking appliance with recirculating ventilation systems. Here is the link to UL showing our listing under UL710B

[http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/showpage.html?name=KNKG.E146882&ccnshorttitle=Commercial+Cooking+Appliances+with+Integral+Recirculating+Ventilation+Systems&objid=1074015228&cfqid=1073741824&version=versionless&parent\\_id=1073989146&sequence=1](http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/showpage.html?name=KNKG.E146882&ccnshorttitle=Commercial+Cooking+Appliances+with+Integral+Recirculating+Ventilation+Systems&objid=1074015228&cfqid=1073741824&version=versionless&parent_id=1073989146&sequence=1)

### **UL 1889 Commercial Filters for Cooking Oil**

These requirements cover commercial filters for cooking oil for equipment rated 600 volts or less and intended for use in accordance with the National Electrical Code, NFPA 70. These requirements cover both portable filters and fixed filters intended to be used with a specific fryer or fryers or with any fryer or fryers. Sections of UL 1889 are evaluated as part of our approval to UL710B.

### **EPA Test Method 202, Determination of Condensable Particulate Emissions from Stationary Sources**

EPA 202 is a standardized test that measures condensable particulate from the filtering system. This test method is part of the UL710B approval.

### **UL 1046, Standard for Safety Grease Filters for Exhaust Ducts**

UL 1046 covers the grease filter itself, and this evaluation is included as part of UL710B. This means that a grease filter in a hood complying with UL710B does comply with the UL1046 standard.

### **NFPA 96, Standard for Ventilation Control and Fire Protection of Commercial Cooking Operations**

Our hoods are designed to comply with the applicable requirements of NFPA 96, but this standard is not evaluated by third party approval agencies (i.e. UL or ETL), but instead is determined by the authority having jurisdiction. This means that the local authority should inspect the installation and determine compliance to NFPA 96.



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NFPA 96 section 1.3.2 states:

*"The authority having jurisdiction shall determine compliance with this standard and authorize equivalent deviations from it in all applications."*

### **NSF/ANSI 4, "Commercial Cooking, Rethermalization and Hot Food Holding and Transport Equipment**

This is the basic standard used in the evaluation of commercial cooking equipment, packaging, equipment, utensils, and the constituent components and materials for food safety and quality.

In addition to the standards listed above, ICC Evaluation Service, Inc. has evaluated the Wells Ventless Cooking Systems and determined they do comply with the International Mechanical Code.

Let me know if you need any additional information.

**Mike Huegerich**  
**Director of Engineering**



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