



Job \_\_\_\_\_ Item No. \_\_\_\_\_

# Universal Ventless Hood

MODEL □ WVU-48



Model WVU-48

## DESCRIPTION

Wells Universal hoods are Certified Type-1 compliant, UL710B approved recirculation hood systems and feature completely self-contained air filtration and fire-suppression systems. They do not require venting outside making it possible to cook in non-traditional locations or when traditional Type-1 hoods and duct-work are impractical, restricted or too expensive. Operators can mix and match various electric cooking equipment under the hood such as fryers, ovens, griddles, steamers and more - providing greater flexibility and through-put.

## SPECIFICATIONS

**Fire Protection** – Completely self contained ANSUL® R-102 system includes ANSUL® tank, nitrogen cartridge, ANSUL® sponanifier, piping, heat sensors, ANSUL® drops, nozzles, and movable manual pull station. Manual pull can be relocated to the egress position or an additional station can be added by an authorized ANSUL® representative. Front access for easy fire system maintenance. Fire protection system meets NFPA 96 Chapter 13. Fire protection system must be charged and certified by ANSUL® Authorized distributor after installation and before first use (operator's responsibility).

**Filtration** – Completely self-contained filtration process reduces emissions below that allowed in NFPA 96 and ANSI UL710B using the EPA 202 test method and includes stainless steel grease baffle filter with grease cup, fiberglass pre-filters, HEPA (High-Efficiency Particulate Air) filter/ carbon-charcoal filter pack. All filters are easily removable with out tools. Air flow sensors continually monitor air flow optimizing performance and grease removal while an interlock system will not allow cooking appliances to function if filters are missing, clogged or in the event of a fire.

**Cooking Appliances** – Only electrically heated appliances are acceptable for installation. Cooking equipment is optional from Wells or other manufacturers. Appliances must be installed as per manufacturers instructions and controlled thru the hood equipment shut-off interface through a customer supplied contractor which will disable cooking equipment in the event of fire or hood malfunction. For size, temperature and KW limits see back page or manual.

**Exhaust and Air Flow** – Exhaust air may be horizontal or vertical. Hoods are shipped for horizontal discharge and are field convertible for vertical discharge. Typical airflow is 1,500 CFM. A minimum of 800 cubic feet of fresh air per minute is recommended both in and out of the cooking area to ensure the dilution of cooking aromas.

## STANDARD FEATURES

- Completely self-contained, 4-stage filtration system
- Completely self-contained fire protection system
- Very quiet with only 68 dBA average
- Interlock system will disable cooking appliances if filters are missing, clogged or in the event of a fire
- Airflow sensors continually monitor airflow for optimizing performance and grease removal
- Illuminated early-warning system to monitor filter replacement
- Completely self-contained filtration process reduces emissions below that allowed in NFPA 96 and ANSI UL710B using the EPA 202 test method
- Three LED lights producing 495 lumens each for improved visibility - light color temperature (cool white): 6000K
- Stainless steel construction for strength, durability and ease of cleaning
- Fits through a 36" wide door opening
- 6" to 8" adjustable legs (adjustable by 2" for leveling)
- Universal systems are movable making them ideal for leased properties
- Available in 208/240V, 1Ø
- **Limited one-year parts and one year labor warranty**
- **Two-year parts and labor warranty when purchased with approved Southbend-Star electric equipment (some restrictions apply)**

## OPTIONS & ACCESSORIES

- Pre-filters
- 10" to 12" adjustable legs (adjustable by 2" for leveling)
- HEPA / carbon-charcoal filter packs
- Round exhaust duct adapter for remote exhaust flue

## CERTIFICATIONS



NSF/ANSI 2



UL710B

UL710B CATEGORY YZCT  
RECIRCULATING SYSTEM  
FILE NO. MH48408

WELLS-WVU-48-01/19



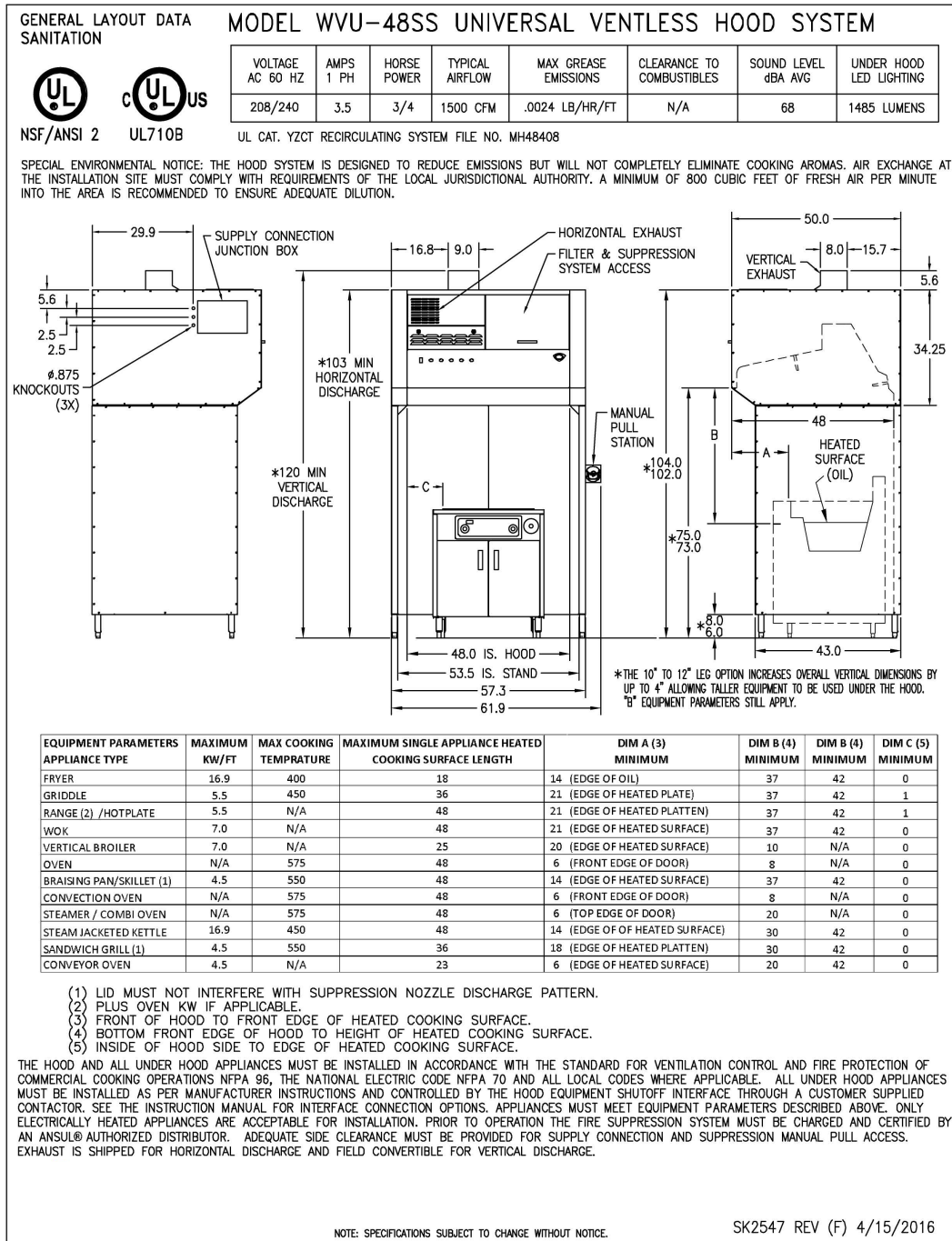
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Weights				Shipping Information						Crate Size	
Shipping Weight		Installed Weight		Carton Dimensions							
Pounds	KG	Pounds	KG	Width	Depth	Height				Cubic Feet	Cubic Meters
				inches	mm	inches	mm	inches	mm		
1189	541	798	363	60	1524	70	1778	55.5	1410	179	5.06

Due to periodic changes in designs, methods, procedures, policies and regulations, the specifications contained in this sheet are subject to change without notice. While Wells exercises good faith efforts to provide information that is accurate, we are not responsible for errors or omissions in information provided or conclusions reached as a result of using the specifications. By using the information provided, the user assumes all risks in connection with such use.



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