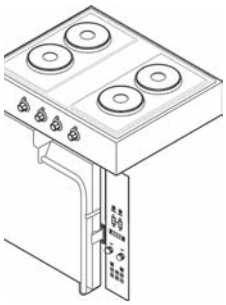
Job_____ Item No. _____

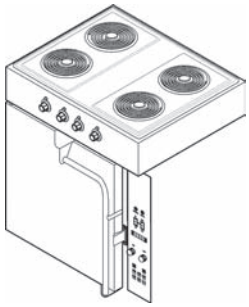
VCS 2000 - Ventless Cooking Systems
Convection Oven Base and Hot Plate Cook Tops

MODELS ❑ WVO4HF ❑ WVO4HS

Model WVO4HS SHOWN



Model WVO4HF



Model WVO4HS

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. VCS models are integrated with hood and cooking equipment in one, ready to use package.

SPECIFICATIONS

Fire Protection – Completely self contained ANSUL® R-102 system includes ANSUL® tank, nitrogen cartridge, ANSUL® sopanifier, piping, fusible links, 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. 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. VCS includes a fully self-contained 4-stage air filtration system including a stainless steel grease baffle filter with grease cup, a fire-rated fiberglass pre-filter, a 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 – Cooking equipment is included and integrated in all VCS models. Both the WVO4HF and WVO4HS include a convection oven base featuring solid-state programmable controls and two-speed fan. The WVO4HF also includes four French style hot plates while the WVO4HS includes four spiral style hot plates. Hot plates are independently regulated by infinite controls with positive-off positions.

Exhaust and Air Flow – Exhaust air is vertical discharge. Typical airflow is 800 CFM. A minimum of 400 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
❑ Interior incandescent light in protected glass globe improves visibility
❑ Stainless steel construction for strength, durability and ease of cleaning
❑ Fits through a 36" wide door opening
❑ Two each adjustable 6" to 8" front legs and 2 each 6" rear mounted rigid casters standard
❑ VCS are movable, making them ideal for leased spaces
❑ Convection oven base features stainless steel exterior and interior, full-insulation, two-speed fan, ergo metric handle, five HD oven racks and solid state temperature and timer controls with five easy-to-use programmable menu keys
❑ WVO4HF is available in 208V 1Ø or 3Ø @ 11.5KW or 240V 1Ø or 3Ø @14.1KW with 4 each 9" French style hot plate elements
❑ WVO4HS is available in 208V 3Ø @ 13.3KW with 4 each 8" spiral style hot plate elements
❑ 6-Foot cords & plugs provided on all 3Ø models

OPTIONS & ACCESSORIES

❑ Pre filter # 22618
❑ HEPA/carbon charcoal filter pack # 22619
❑ Rear leg kit #22649 (set of two)
❑ Caster set – two rigid rear casters # 22650
❑ Oven racks for convection oven # 21376

CERTIFICATIONS

Certified to ANSI4

E146882

WELLS-WVO-4H-04/2018

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Specifications are subject to change without notice and are not intended for installation purposes. See installation instructions prior to installing the unit.

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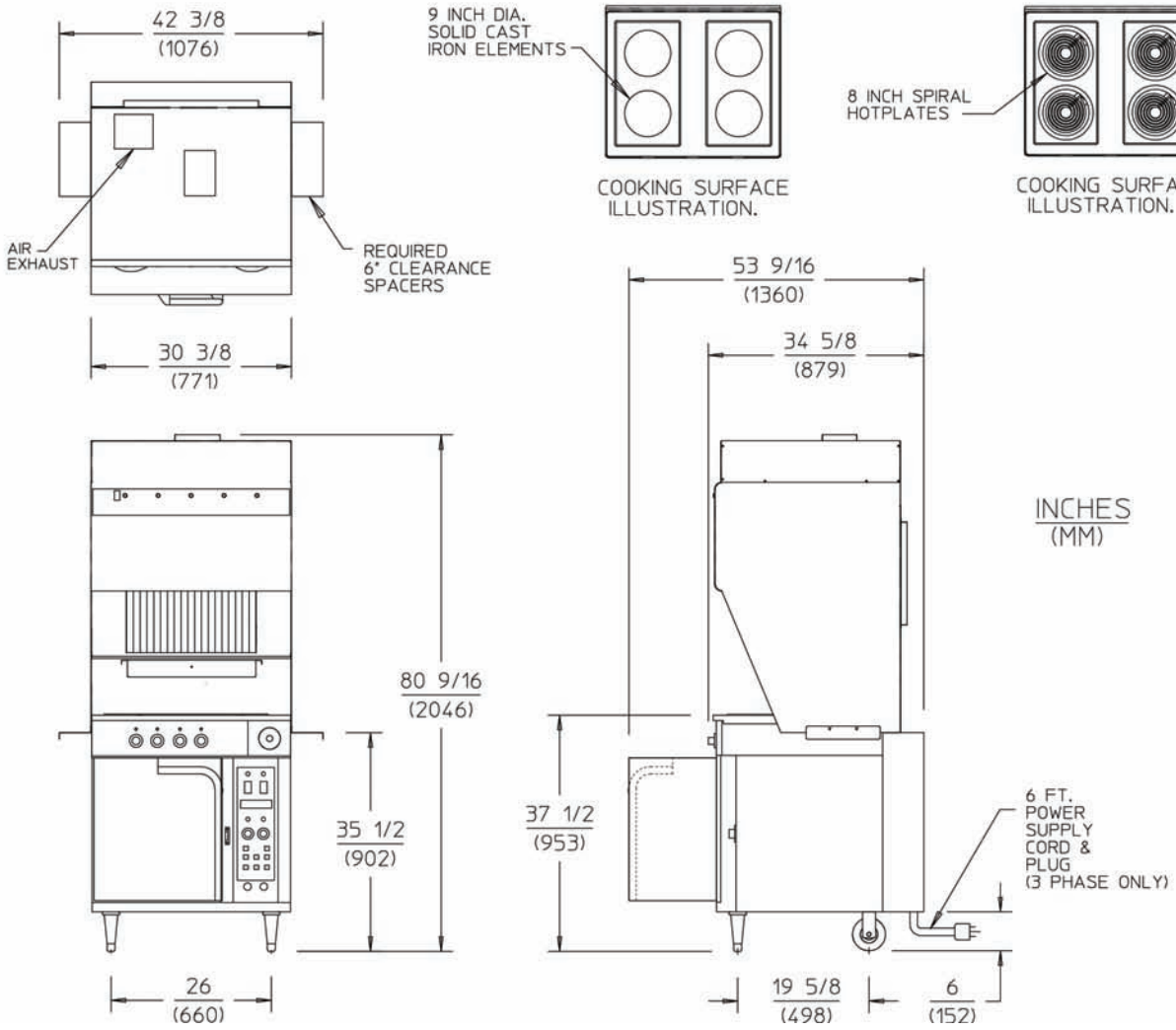
MODELS ❑ WVO4HF ❑ WVO4HS

MINIMUM CLEARANCE REQUIRED FROM UNIT TO THE NEAREST COMBUSTIBLE OBJECT.			
BACK NA NA	SIDE See required spacers	BOTTOM 6 (152)	TOP 19 (483)

NOTE: Specifications are subject to change without notice.

SPECIAL ENVIRONMENTAL NOTICE: The hood system is designed to reduce odor emissions but will not eliminate odors. Air exchange at the installation site must comply with requirements of the local jurisdictional authority. To ensure dilution of odor build-up, minimum recommendation is 400 cubic feet of fresh air per minute both in and out of the area.



Model Number	W x D x H	Voltage & Phase	Watts	Amps Single Phase	Amps Per Line 3Phase L1 L2 L3	NEMA (3 phase only)	Weight (Shipping)
WVO4HF	42-3/8" x 34-5/8" x 80-9/16" 1076mm x 879mm x 2046mm	208V 1Ø or 3Ø 240V 1Ø or 3Ø	11,500 14,100	55 59	36 28 37 38 30 39	NEMA 15-60P NEMA 15-60P	680 680
WVO4HS	42-3/8" x 34-5/8" x 80-9/16" 1076mm x 879mm x 2046mm	208V 3Ø	13,300	N/A	36 35 34	NEMA 15-60P	677

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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