Item No. _____

Project _____

Quantity _____

Canopy Ventless Hoods

Models: ❑ LVC-46 ❑ LVC-46X

Model LVC-46 shown

SHORT/BID SPECIFICATION

Fire Protection – LVC hoods are ANSUL® ready and include heat sensors and an ANSUL nozzle in the plemium. The LVC-46 includes on-board, self-contained fire prevention including the ANSUL tank, and is ready for the ANSUL representative to provide the sopanifier, nitrogen catridge and to activate and tag the system. The LVC-46X is designed to be connected to an external ANSUL system (not included). A manual fire-pull may be provided by a licensed ANSUL representative and mounted at point of egress. Side access is provided for easy 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).

STANDARD PRODUCT WARRANTY

- Limited two year, parts & labor

SPECIFICATIONS

- **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 Lang or other manufacturers. Appliances must be installed as per manufacturers instructions and controlled thru the hood equipment shut-off interface through a customer supplied contactor 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 directed horizontally or vertically and is field convertible. Typical airflow is 850 CFM. A minimum of 150 cubic feet of fresh air per minute is required both in and out of the cooking areas to ensure the dilution of cooking aromas.

STANDARD FEATURES

- Completely self-contained, 4-stage filtration system
- LVC-46 includes a completely self-contained ANSUL fire prevention system
- LVC-46X is designed to be connected to an external ANSUL system (not included) if desired
- Wall or ceiling mounted
- Adjustable height as required
- Very quiet with only 42 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
- Stainless steel construction for strength, durability and ease of cleaning
- Fits through a 36" wide door opening
- Canopy style systems are movable making them ideal for leased properties
- Available in 208/240V, 1Ø

OPTIONS & ACCESSORIES

- Pre-filters
- HEPA / carbon-charcoal filter packs
- Round exhaust duct adapter for remote exhaust flue
- Optional self-contained ANSUL fire protection system

Intertek Intertek

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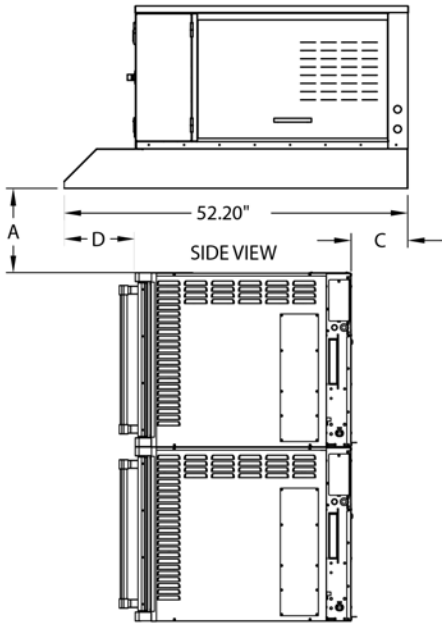
LANG MANUFACTURING • 10 SUNNEN DR. ST. LOUIS, MO 63143
Phone: 314-678-6315 • FAX: 314-781-3636 • www.langworld.com

Canopy Ventless Hoods

Models: ❑ LVC-46 ❑ LVC-46X

COVERAGE PARAMETERS / APPLIANCE TYPE	MAXIMUM KW/FT	MAX COOKING TEMPERATURE	MAXIMUM SINGLE COOKING AREA (FT^3)	DIM A MINIMUM NOTE (1)	DIM A MAXIMUM NOTE (2)	DIM B MINIMUM NOTE (3)	DIM C MINIMUM NOTE (4)	DIM D MINIMUM NOTE (5)
DOUBLE STACK OVEN	N/A	550	19	1"	6"	3"	0"	8"
CONVECTION OVEN	N/A	550	19	1"	6'	3"	0"	8"

1. DIM "A" MINIMUM DISTANCE FROM THE LOWER EDGE OF THE HOOD SKIRT AND THE TOP OF THE APPLIANCE.
2. DIM "A" MAXIMUM DISTANCE FROM THE LOWER EDGE OF THE HOOD SKIRT AND THE TOP OF THE APPLIANCE.
3. DIM "B" MINIMUM OVERHANG BETWEEN THE HOOD SIDE SKIRT AND THE APPLIANCE SIDE.
4. DIM "C" MINIMUM SPACE BETWEEN THE HOOD REAR SKIRT AND THE BACK PANEL OF THE APPLIANCE.
5. DIM "D" MINIMUM OVERHANG BETWEEN THE FRONT LOWER EDGE OF THE HOOD TO THE OVEN'S HEATED SURFACE.



THE HOOD AND ALL UNDER HOOD APPLIANCES MUST BE INSTALLED IN ACCORDANCE WITH THE STANDARD FOR VENTILATION CONTROL AND FIRE PROTECTION OF COMMERCIAL COOKING OPERATIONS NFPA 96, THE NATIONAL ELECTRIC CODE NFPA 70 AND ALL LOCAL CODES WHERE APPLICABLE.

ALL UNDER HOOD APPLIANCES MUST BE CONTROLLED BY THE EQUIPMENT SHUTOFF INTERFACE. SEE OWNERS MANUAL AND WIRE DIAGRAM IN SUPPLY CONNECTION BOX. ONLY ELECTRICALLY HEATED APPLIANCES ARE ACCEPTABLE FOR INSTALLATION. APPLIANCE OPERATION REQUIRES THE FIRE SUPPRESSION SYSTEM BE SETUP, CHARGED AND CERTIFIED BY AN AUTHORIZED ANSUL ® DISTRIBUTOR. THE AIRFLOW MONITORING SYSTEM WILL PREVENT APPLIANCE OPERATION IF INSUFFICIENT AIRFLOW IS DETECTED OR ALL FILTERS ARE NOT IN PLACE. THE SERVICE PANEL MUST BE IN PLACE FOR BLOWER OPERATION.

MODEL NO: WVC-46(X),
LOWER AIR FLOW LIMIT: (625 CFM)
MAXIMUM MEASURED GREASE EMISSIONS: 0.0003 LB/HR/FT
ANSI-UL710B RECIRCULATING SYSTEM

Model	Width x Depth x Height (with standard legs)	Voltage	Horse Power	Amps 1 Phase	Typical Airflow	Max Grease Emissions	Weight Shipping
LVC-46 With Self Contained Fire System	46.0" x 52.33" x 27.72" 1,168mm x 1,329mm x 704mm	208/240V	1/2	4.3	850 CFM	.0003 LB/HR/FT	675 lbs. | 355 kg
LVC-46X	46.0" x 52.33" x 27.72" 1,168mm x 1,329mm x 704mm	208/240V	1/2	4.3	850 CFM	.0003 LB/HR/FT	675 lbs. | 355 kg

CAD SYMBOLS & PRICING

The KCL CADalog AutoQuotes

Due to continuous improvements, specifications subject to change without notice.

Lang World Class Cooking Solutions

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