

HOOD INFORMATION - Job#2941439

HOOD NO.	TAG	MODEL	LENGTH	MAX. COOKING TEMP.	TOTAL EXH. CFM	EXHAUST FLENUM RISER(S)				HOOD CONSTRUCTION	HOOD CONFIG.			
						WIDTH	LENG.	HEIGHT	DIA.		CFM	S.P.	END TO END	ROW
1		2812 BLL	11' 3.00"	600 Deg.	1901	7'	10'	4'		950	-0.429"	304 SS	ALONE	ALONE

HOOD INFORMATION

HOOD NO.	TAG	FILTER(S)				LIGHT(S)			UTILITY CABINET(S)			ELECTRICAL	SWITCHES	FIRE SYSTEM	HOOD HANGING WGT		
		TYPE	QTY.	HEIGHT	LENGTH	EFFICIENCY @ 9 MICRONS	QTY.	TYPE	WIRE GUARD	LOCATION	SIZE					TYPE	SIZE
1		SS Baffle with Handles	8	10"	16'	30%	0			Wall Mnt	12"x36"x24"	Ansul R102	3.0/3.0/3.0			YES	206 LBS

HOOD OPTIONS

HOOD NO.	TAG	OPTION
1		BACKSPASH 112.00" High X 208.00" Long 304 SS Vertical
		OPTIONS ONLY: FIELD WRAPPER 22.50" High x 60.00" Long Left 304 SS
		OPTIONS ONLY: FIELD WRAPPER 22.50" High x 60.00" Long Right 304 SS
		OPTIONS ONLY: FIELD WRAPPER 22.50" High x 60.00" Long Left 304 SS
		OPTIONS ONLY: FIELD WRAPPER 22.50" High x 60.00" Long Right 304 SS
		OPTIONS ONLY: FIELD WRAPPER 37.00" High x 60.00" Long Front 304 SS
		OPTIONS ONLY: FIELD WRAPPER 37.00" High x 60.00" Long Front 304 SS
2		OPTIONS ONLY: WRAPPER CHANNEL - 19.00" Long
		OPTIONS ONLY: WRAPPER CHANNEL - 19.00" Long
		OPTIONS ONLY: WRAPPER CHANNEL - 19.00" Long
		OPTIONS ONLY: WRAPPER CHANNEL - 19.00" Long
		OPTIONS ONLY: WRAPPER CHANNEL - 28.00" Long
		OPTIONS ONLY: WRAPPER CHANNEL - 28.00" Long

All enclosure panels 60" tall with vertical grain

BLL Series Specification

The BLL series hood is a low proximity passover type hood. Hood shall have size, shape and performance specified on drawings.

Construction shall be type 430 stainless steel with #3 or #4 polish where exposed. All seams shall be welded and have stainless steel on exposed surfaces. Unexposed surfaces shall be constructed of aluminized steel. Individual component construction shall be determined by manufacturer and ETL. Construction shall be dependent on the structural application to minimize distortion and other defects. All seams, joints and penetrations of the hood enclosure to its lower outermost perimeter that directs and captures grease-laden vapor and exhaust gases shall have a liquid-tight continuous external weld in accordance with NFPA 96. Hood shall be wall type with provisions to screw to back wall.

Ventilator shall be furnished with UL classified aluminum baffle filters, supplied in size and quantity as required by venting. The filters shall extend the full length of the hood and the filter panels shall not be more than 6" in width.

The hood manufacturer shall supply complete computer generated submittal drawings including hood section view(s) and hood plan view(s). These drawings must be available to the engineer, architect and owner for their use in construction, operation and maintenance.

Exhaust duct collar to be 4" high with 1" flange. Duct sizes, CFM and static pressure requirements shall be as shown on drawings. Static pressure requirements shall be precise and accurate; air velocity and volume information shall be accurate within 1-ft increments along the length of the ventilator.

The hood shall have:
-A sloped grease drain system which shall be an enclosed integral part of the hood back with an exposed, removable 1/2 pint grease cup to facilitate cleaning.
-Low profile design to allow plate shelf and passover design.

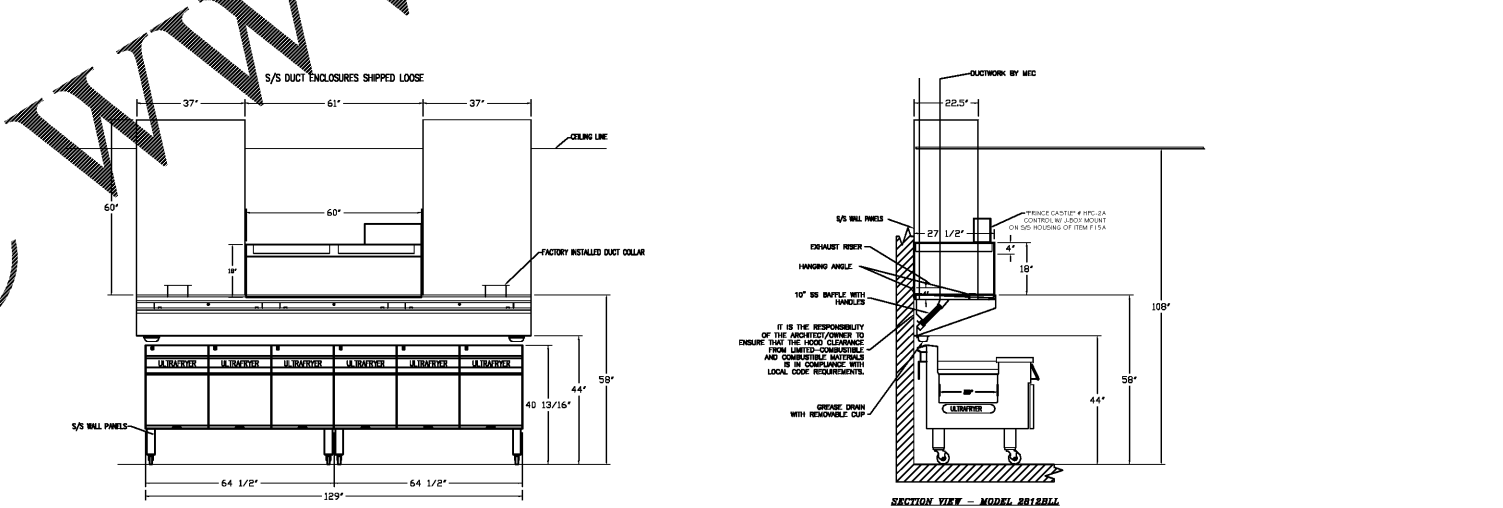
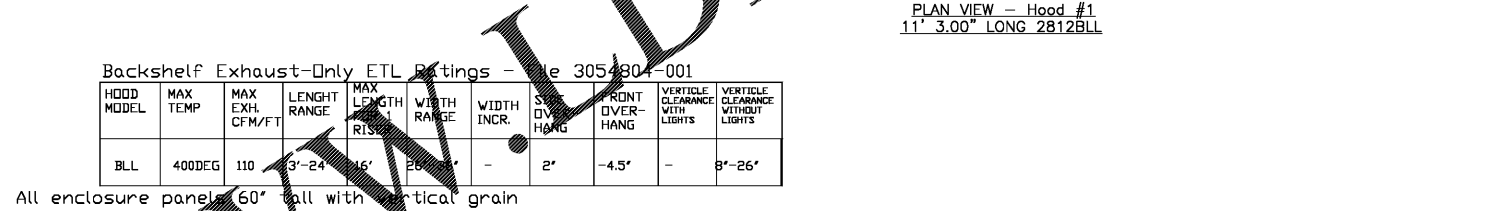
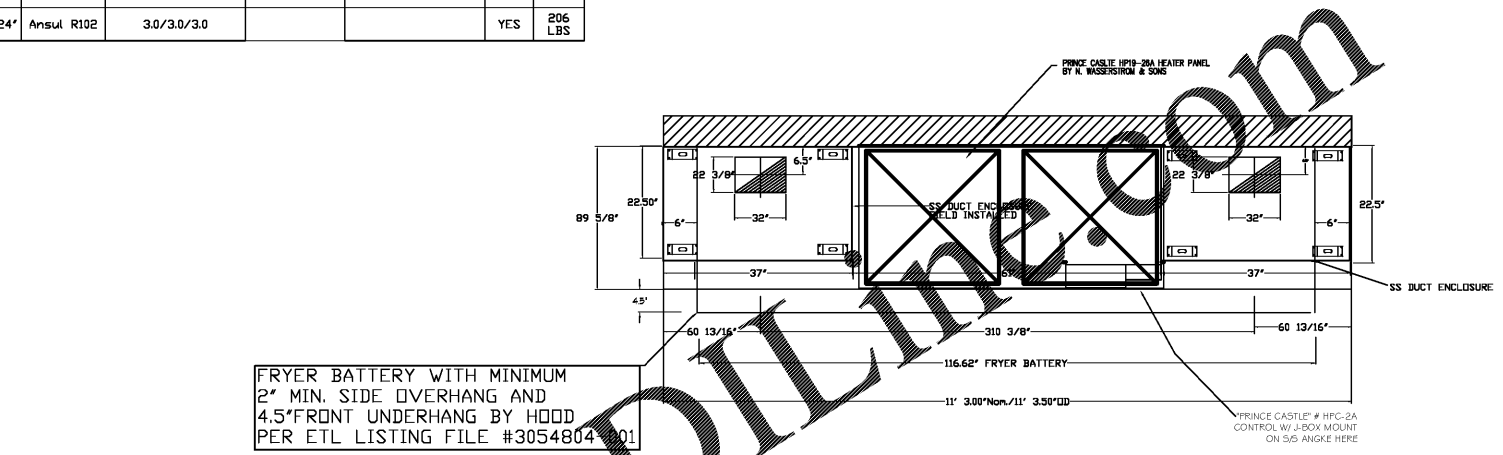
The hood shall be ETL Listed as "Exhaust Hood Without Exhaust Damper", ETL Sanitation Listed and built in accordance with NFPA 96. The hood shall be listed for 400° F cooking surfaces at 110 CFM/ft.

System Design Verification (SDV)

If ordered, CAS Service will perform a System Design Verification (SDV) once all equipment has had a complete start up per the Operation and Installation Manual. Typically, the SDV will be performed after all inspections are complete.

Any field related discrepancies that are discovered during the SDV will be brought to the attention of the general contractor and corresponding trades on site. These issues will be documented and forwarded to the appropriate sales office. If CAS Service has to resolve a discrepancy that is a field issue, the general contractor will be notified and billed for the work. Should a return trip be required due to any field related discrepancy that cannot be resolved during the SDV, there will be additional trip charges.

During the SDV, CAS Service will address any discrepancy that is the fault of the manufacturer. Should a return trip be required, the general contractor and appropriate sales office will be notified. There will be no additional charges for manufacturer discrepancies.



Backshelf Exhaust-Only ETL Ratings - File 3054804-001

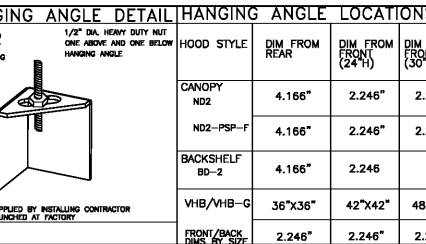
HOOD MODEL	MAX TEMP	MAX EXH. CFM/FT	LENGTH RANGE	MAX LENGTH RISK	WIDTH RANGE	WIDTH INCR.	SW. OVER-HANG	FRONT OVER-HANG	VERTICLE CLEARANCE WITH LIGHTS	VERTICLE CLEARANCE WITHOUT LIGHTS
BLL	400DEG	110	3'-24"	16'	26 1/2"	-	2"	-4.5"	-	8'-26"

All enclosure panels 60" tall with vertical grain

GENERAL NOTES

- INSTALLATION**
- ALL ELECTRICAL "FIELD" CONNECTIONS AND RELATED INTERCONNECTIONS BY ELECTRICAL CONTRACTORS.
 - ALL PLUMBING "FIELD" CONNECTIONS AND RELATED INTERCONNECTIONS BY PLUMBING CONTRACTORS.
 - HANGING BRACKETS LOCATED AND WELDED AS SHOWN ON PLANS. ALL OTHER HANGING MATERIALS PROVIDED BY INSTALLING CONTRACTORS.
 - ALL CONNECTIONS FROM CAPTIVE-AIR DUCT PER MECHANICAL CONTRACTOR'S PLANS.
 - COOKING EQUIPMENT TO SHOOTER IN EVENT OF FIRE.
 - DONALD FANS TO TURN ON IN EVENT OF FIRE.
 - ALL LIGHTS FUTURE SHOWN INSTALLED BY CAPTIVE-AIR HOODS AND TO SWITCHES BY ELECTRICAL CONTRACTORS.
 - LAMPS FOR LIGHT FIXTURES BY MECHANICAL CONTRACTORS.
 - SEIZING RESISTANTS ARE RESPONSIBILITY OF INSTALLING CONTRACTOR.
 - INSTALLING CONTRACTOR SHALL BE RELATED FOR PROTECTION OF THE HOOD. HOOD SHALL BE ACCURATELY POSITIONED IN ACCORDANCE WITH LOCAL CODE REQUIREMENTS PRIOR TO RELEASE FOR CONSTRUCTION.
- ADDITIONAL**
- WRITTEN HOOD DIMENSIONS HAVE PRECEDENCE OVER SCALE.
 - SHOWN AND "APPROVED" COPIES OF THIS DOCUMENT MUST BE RECEIVED BY THE FACTORY PRIOR TO COMMENCEMENT OF FABRICATION.

FRYER BATTERY WITH MINIMUM 2" MIN. SIDE OVERHANG AND 4.5" FRONT UNDERHANG BY HOOD PER ETL LISTING FILE #3054804-001



CALCULATIONS UTILIZED

EXHAUST CFM=LENGTH OF HOOD X CFM/LIN.FT. (LAWD)
SUPPLY CFM=EXHAUST CFM X PERCENTAGE REQUIRED
TOTAL DUCT AREA=144 X CFM
DUCT LENGTH= TOTAL DUCT AREA / DUCT DEPTH

CLEARANCE TO COMBUSTIBLES

CAPTIVE-AIR HOODS HAVE OPTIONAL CLEARANCE REDUCTION SYSTEMS AVAILABLE AS FOLLOWS:

MATERIAL	CLEARANCE REDUCTION SYSTEM
NON-COMBUSTIBLE	NONE REQUIRED
LIMITED-COMBUSTIBLE	3" UNINSULATED STANDOFF
COMBUSTIBLE	1" INSULATED STANDOFF

HOOD AND NUTS TO BE SUPPLIED BY INSTALLING CONTRACTOR. HANGING ANGLE IS PRE-FINISHED AT FACTORY.

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LOUISIANA PROFESSIONAL SEAL
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 B. SCOTT COUNTY, NC
 08-14-2020

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ISSUANCE
 PERMIT SUBMITTAL 08/14/2020

REVISIONS
 NO. DATE DESCRIPTION

FILE NUMBER 86560010
 PROJECT MANAGER BSC
 PROFESSIONAL BSC
 DRAWN BY JSC
 CHECKED BY BSC

HOOD DETAILS
M3