

HOOD NO.	TAG	MODEL	LENGTH	MAX. COOKING TEMP.	TOTAL EXH. CFM	EXHAUST PLENUM RISER(S)				TOTAL SUP. CFM	SUPPLY PLENUM RISER(S)				HOOD CONSTRUCTION	HOOD CNFIG.	
						WIDTH	LENG.	DIA.	CFM		S.P.	WIDTH	LENG.	DIA.		CFM	S.P.
1	K20	5424 ND-2-PSP-F	9' 6.00'	450 Deg.	1900	10'	18"		1900	-0.920"	1520				304 SS	ALONE	ALONE
2	K30	5424 ND-2-PSP-F	5' 1.00'	450 Deg.	1017	10'	9"		1017	-0.743"	814			304 SS	ALONE	ALONE	
3	K90	4224 VHB-G	3' 6.00'	700 Deg.	525			10'	525	-0.069"	0			304 SS	ALONE	ALONE	

HOOD NO.	FILTER(S)				LIGHT(S)			UTILITY CABINET(S)				FIRE SYSTEM PIPING	HOOD HANGING WGT	
	TYPE	QTY.	HEIGHT	LENGTH	QTY.	TYPE	WIRE GUARD	LOCATION	TYPE	FIRE SYSTEM SIZE	ELECTRICAL MODEL #			SWITCHES QUANTITY
1	Captrate Solo Filter	2	16"	16"	3	Incandescent Light Fxt	NO						YES	585 LBS
2	Captrate Solo Filter	4	16"	20"	2	Incandescent Light Fxt	NO	Right					YES	415 LBS
3		3	16"	20"	0								NO	159 LBS

HOOD NO.	OPTION
1	FIELD WRAPPER 16.00' High Front, Left, Right
	BACKSPLASH 82.00' High X 117.00' Long 304 SS
	RIGHT SIDESPLASH 82.00' High X 54.00' Long 304 SS
	RIGHT END STANDOFF (FINISHED) 3' Wide
	BACKSPLASH - INSIDE CORNER 82.00' High X 4.00' Long 304 SS
2	FIELD WRAPPER 16.00' High Front, Left, Right
	BACKSPLASH 82.00' High X 76.00' Long 304 SS
	LEFT SIDESPLASH 82.00' High X 54.00' Long 304 SS
	LEFT END STANDOFF (FINISHED) 3' Wide
	BACKSPLASH - INSIDE CORNER 82.00' High X 4.00' Long 304 SS
3	FIELD WRAPPER 16.00' High Front, Left, Right

HOOD NO.	POS.	LENGTH	WIDTH	HEIGHT	TYPE	RISER(S)				
						WIDTH	LENG.	DIA.		
1	Front	117'	14'	6'	MJA			12"	380	0.175'
								12"	380	0.175'
								12"	380	0.175'
								12"	380	0.175'
2	Front	76'	14'	6'	MJA	12'	20'	12"	814	0.298'

ND-2 Series with PSP Accessory Specification

The ND-2 series hood with PSP accessory is a compensating canopy hood system rated for all types of cooking equipment. The hood shall have the size, shape and performance specified on drawings.

Construction shall be type 430 stainless steel with a #3 or #4 polish where exposed. Individual component construction shall be determined by the 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 the 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 fully welded 10 gauge corner hanging angles. Corner hanging angles have a 625 x 1500 slot pre-punched at the factory, allowing hanging rods to be used for quick and safe installations. Hanging rod and connect is provided by and installed by others.

Ventilator shall be furnished with UL classified aluminum baffle filters, supplied in size and quantity as required by ventilator. 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 +/- increments along the length of the ventilator.

UL incandescent light fixtures and globes shall be installed and pre-wired to a junction box. The light fixtures shall be installed with a maximum of 4' spacing on center and allow up to a 100 watt standard light bulb.

The hood shall have:
 - A double wall insulated front to eliminate condensation and increase rigidity. The insulation shall have a flexural modulus of 475 EI, meet UL 181 requirements and be in accordance with NFPA 90A and 90B.
 - An integral front baffle to direct grease laden vapors toward the exhaust filter bank.
 - A built-in wiring chase provided for outlets and electrical controls on the hood face and shall not penetrate the capture area or require an external chaseway.
 - Low velocity make-up air (up to 90%) provided through front and side plenums (PSP accessory).
 - A removable grease cup for easy cleaning.

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 450°F cooking surfaces at 150 CFM/Ft, 600°F cooking surfaces at 200 CFM/Ft, and 700°F cooking surfaces at 250 CFM/Ft.

VHB-G Series Specification

The VHB-G series heat/condensate hood is a single wall vent hood used in non-grease applications for the removal of heat, vapor etc. Hood shall have the size, shape and performance specified on the drawings.

Construction shall be type 304 stainless steel with a #3 or #4 polish where exposed. Hood shall have a full perimeter gutter with a 1/2" OD Bolt thread drain connection. Hood shall be wall or island type with fully welded 10 gauge corner hanging angles. Corner hanging angles have a 625 x 1500 slot pre-punched at the factory, allowing hanging rods to be used for quick and safe installations. Hanging rod and connection is provided by and installed by others.

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

Exhaust duct collar to be 4" high with 1" flanges. Duct sizes, CFM and static pressure requirements shall be as shown on the drawings. Hood shall be ETL Sanitation listed.

REVISIONS	
DESCRIPTION	DATE

CAPTIVE

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VACanteen
Reno, NV

DATE: 12/13/2011
 DWG.#: 1462290
 DRAWN BY: DRS-84
 SCALE: N.T.S.
 MASTER DRAWING

SHEET NO. 1

CONSULTANTS:

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Drawing Title
FS 4.1 VA - CANTEN
EXHAUST HOOD DETAILS

Approved Project Director

Project Title
VA SIERRA NEVADA HEALTH CARE
SYSTEM - CANTEN RELOCATION
DESIGN - , RENO, NEVADA

Location
975 KIRMAN AVE, RENO, NEVADA 89502

Date
ISSUE DATE: 01/06/2012

Checked
J.T.

Drawn
V.M.

Project Number
654-11-227

Building Number
1

Drawing Number
FS4.1

Dwg. 6 of 12

Office of
Construction
and Facilities
Management

Department of
Veterans Affairs

three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot

A
B
C
D
E
F