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TFK Engineering, Inc.
CofA# 5206 exp 6/2012
02/15/12

HOOD SYSTEM BASED ON CAPTIVEAIRE EQUIPMENT

HOOD INFORMATION

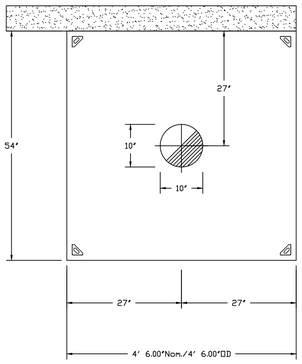
HOOD NO.	MODEL	LENGTH	MAX. COOKING TEMP.	EXHAUST PLENUM RISER(S) TOTAL EXH. CFM	WIDTH	LENG.	DIA.	CFM	S.P.	SUPPLY PLENUM RISER(S) TOTAL SUP. CFM	WIDTH	LENG.	DIA.	CFM	S.P.	HOOD CONSTRUCTION	HOOD CONFIG. END TO END	ROW
1	5424 VHB-ND	4' 6.00"	700 Deg.	675			10"	675	-0.114"	0						430 SS 100%	ALONE	ALONE

HOOD INFORMATION

HOOD NO.	FILTER(S) TYPE	QTY.	HEIGHT	LENGTH	LIGHT(S) QTY.	TYPE	WIRE GUARD	UTILITY CABINET(S) LOCATION	FIRE SYSTEM TYPE	FIRE SYSTEM SIZE	ELECTRICAL MODEL #	SWITCHES QUANTITY	SWITCHES LOCATION	FIRE SYSTEM PIPING	HOOD HANGING WGHT
1					0									NO	236 LBS

HOOD OPTIONS

HOOD NO.	OPTION
1	FIELD WRAPPER 18.00" High Front, Left, Right
	BACKSPLASH 80.00" High X 54.00" Long 430 SS
	RIGHT QUARTER END PANEL 23" Top Width, 0" Bottom Width, 23" High 430 SS
	LEFT QUARTER END PANEL 23" Top Width, 0" Bottom Width, 23" High 430 SS

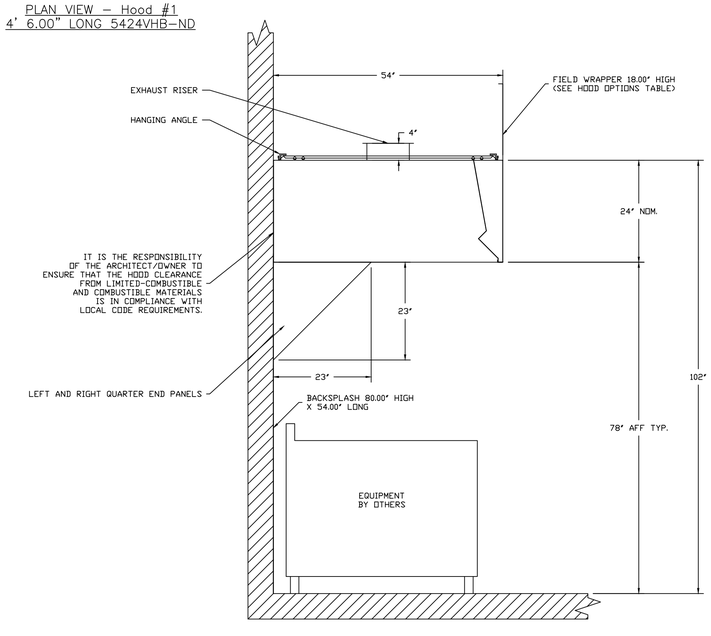


PLAN VIEW – Hood #1
4' 6.00" LONG 5424VHB–ND

CAPTIVE-AIRE HOODS ARE BUILT IN COMPLIANCE WITH UL 710 AND NFPA 96 AND ARE RECOGNIZED BY ONE OR MORE OF THE FOLLOWING:

ETL SANITATION LISTED

ETL LISTED FILE# 3054804-001



SECTION VIEW – MODEL 5424VHB–ND

VHB Series Specification

The VHB 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 430 stainless steel with a #3 or #4 polish where exposed. Hood shall be wall or island type with fully welded 10 gauge corner hanging angles. Corner hanging angles have a .625 x 1.500 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 views(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 recognized by NSF.

EXHAUST FAN INFORMATION

FAN UNIT NO.	FAN UNIT MODEL #	MODEL	TAG	CFM	S.P.	RPM	H.P.	ø	VOLT	FLA	WEIGHT (LBS.)
1	NCABFA	NCABFA	KEF-1	675	0.650	1257	0.333	1	115	7.0	90.23

FAN OPTIONS

FAN UNIT NO.	OPTION (Qty. – Descr.)
1	1 – SCR-11 Bird Screen
	1 – I 15-BDD Damper

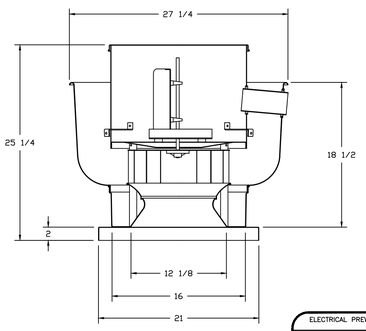
CURB ASSEMBLIES

NO.	ON FAN	ITEM	SIZE
1	# 1	Curb	19.500"W x 19.500"L x 20.000"H

ELECTRICAL PACKAGES

NO.	TAG	PACKAGE #	LOCATION	SWITCHES LOCATION	SWITCHES QUANTITY	ROOFTOP STARTERS	OPTION	FANS CONTROLLED TYPE	ø	H.P.	VOLT	FLA
1		110010FQ	Wall Mount In SS Box	SS Wall Mount Box	1 Fan		Fans On/Off Thermostatically Controlled	Exhaust	1	0.333	115	7.0

FAN #1 NCABFA – EXHAUST FAN

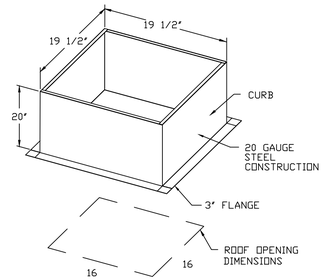


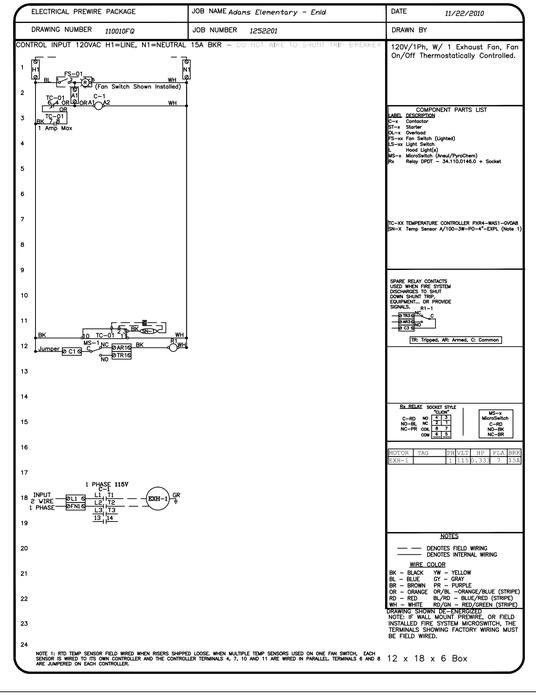
FEATURES:

- ROOF MOUNTED FANS
- UL705
- AMCA SOUND AND AIR CERTIFIED
- INTERNAL WIRING
- WEATHERPROOF DISCONNECT
- THERMAL OVERLOAD PROTECTION (SINGLE PHASE)

OPTIONS:

SCR-11 BIRD SCREEN
I 15-BDD DAMPER





Easley Associates Architects
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Enid, OK

2012 ALTERATIONS TO
MONROE ELEMENTARY SCHOOL
400 WEST COTTONWOOD

INDEPENDENT SCHOOL DISTRICT NO. 57
500 SOUTH INDEPENDENCE ENID, OKLAHOMA

ENID PUBLIC SCHOOLS
Excellence. Pride. Success.

DATE: 02/09/2012
REV.:

M5.3
OF 11