

DAMMON ENGINEERING, INC.

EMMETT DAMMON

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ARCHITECTURE

ENGINEERING

STUDIES

PLANNING

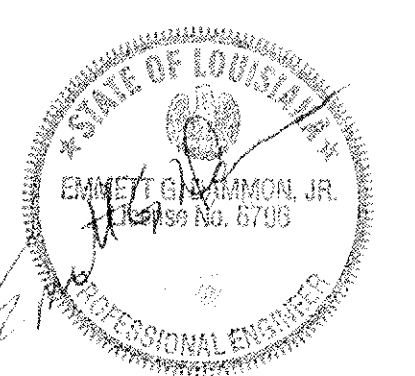
INVESTIGATION

EXPERT WITNESS

MARCO'S PIZZA TENANT BUILDOUT

2349 E. GAUSE BLVD
SUITE 1
SLIDELL, LA
70461

HOOD DETAILS



SCALE: AS NOTED

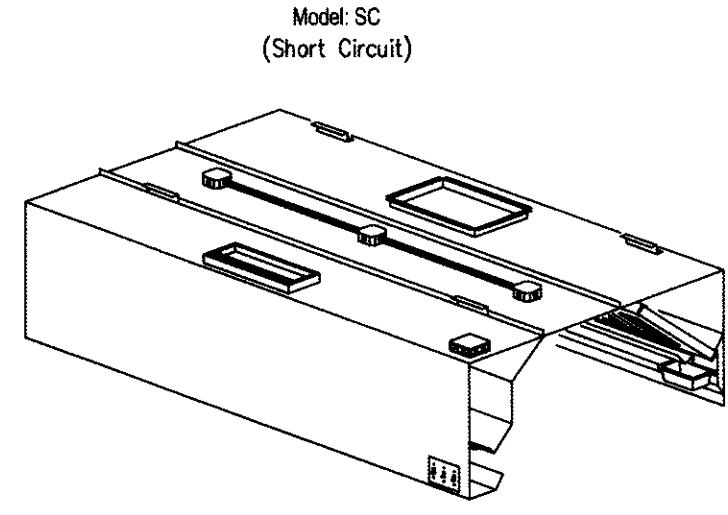
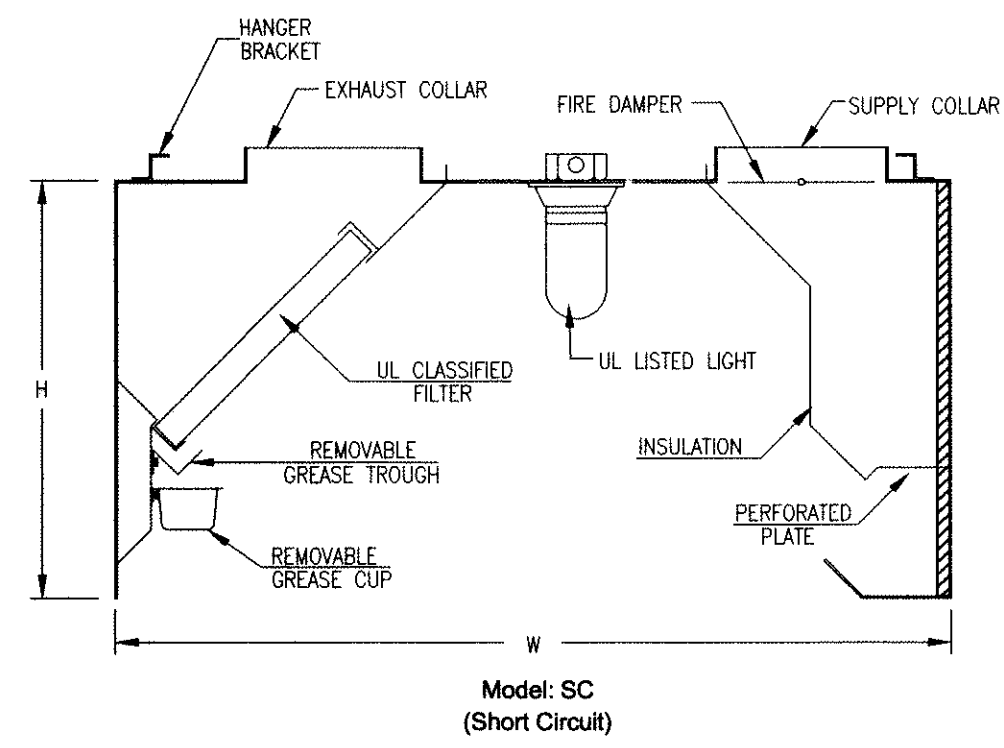
JOB#: 2082

DATE: 11-1-10

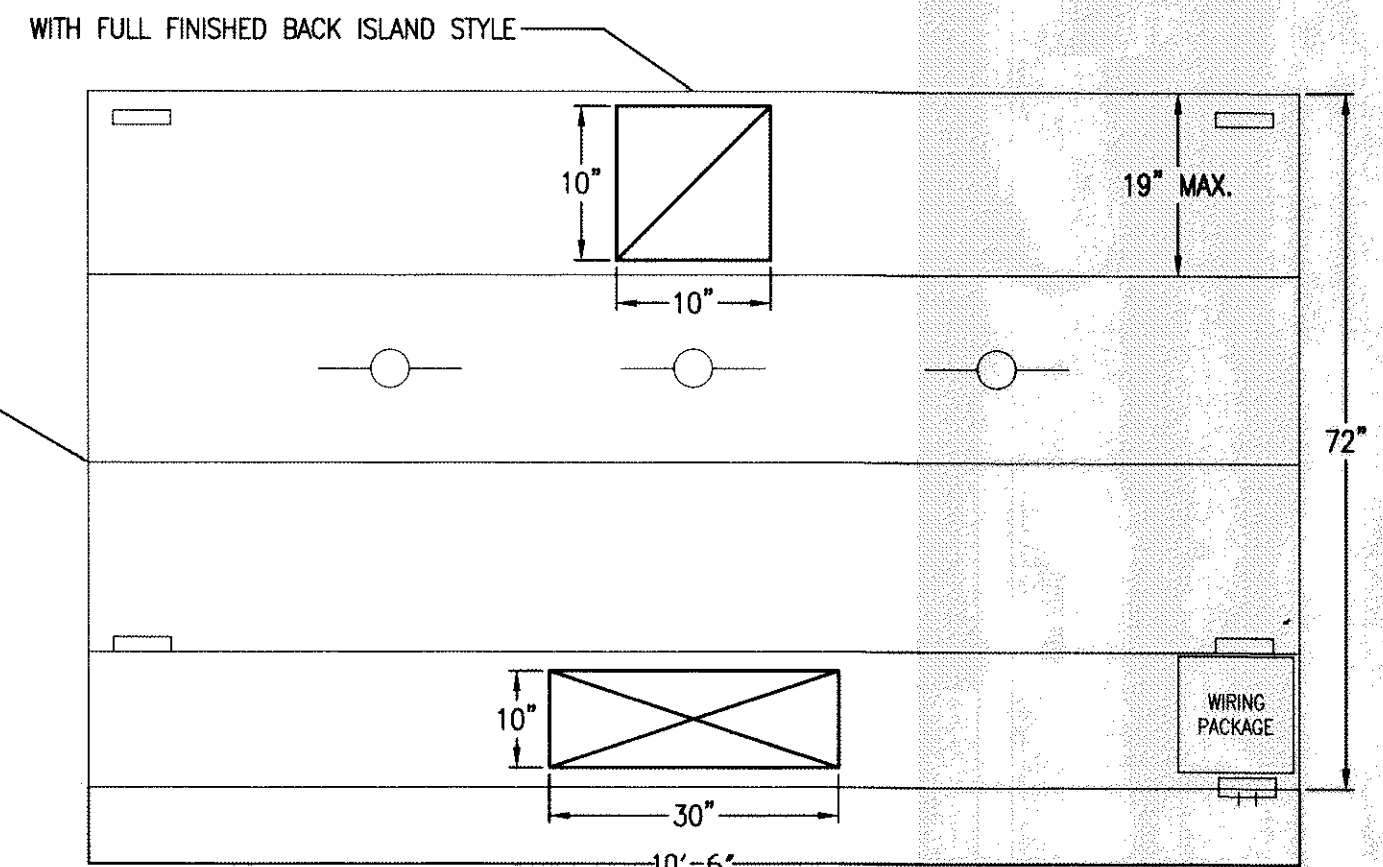
SHEET 6

M-2

OF 10



1/2 END CURTAINS ON BOTH LH AND RH END.



Specifications:

Hood shall be self-compensating type introducing make-up air inside the hood through a full length, self-balancing slot.

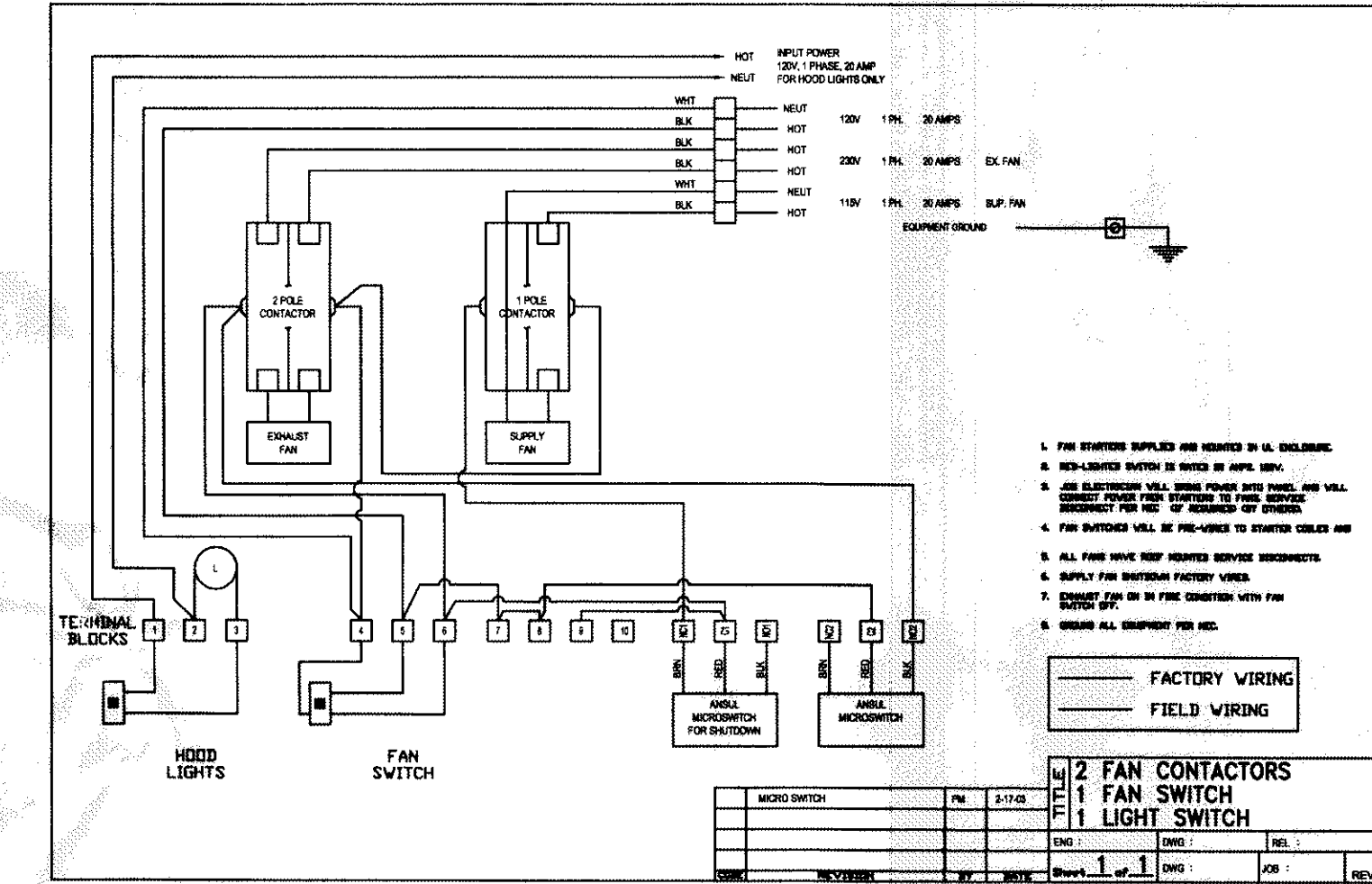
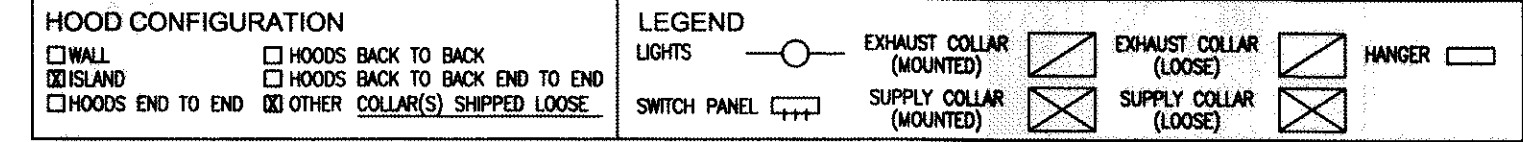
The hood shall be fabricated from Type 430 stainless steel, 18 & 20 gauge with #4 polish on all exposed surfaces, and 18 gauge aluminumized steel in concealed areas. The supply plenum shall be lined with 1" thick 3 lb. density foil back insulation, with a flame spread rating of 25 or less as tested by UL 723 to impede condensation from forming on hood surfaces. Supply air plenum shall contain a balancing plate for even distribution of air from one end of the supply slot to the other.

Hood shall be of double wall construction with seams and joints welded and sealed liquid tight, to conform to NFPA 96. Corners of hood shall be trimmed to give the hood a straight, crisp appearance free of warps. 12 gauge hanging brackets for hood shall be on each corner (more brackets as needed for longer hoods). Grease filters shall be UL classified, non-clogging, baffle type, and shall be easily removable for cleaning purposes.

All exhaust plenum surfaces and filters shall drain into a removable grease trough and be conveyed to a removable grease container. Lights shall be installed at approximately 3' intervals and shall be UL listed for use in exhaust hoods. Lights shall be completely pre-wired to a junction box located on top of the hood.

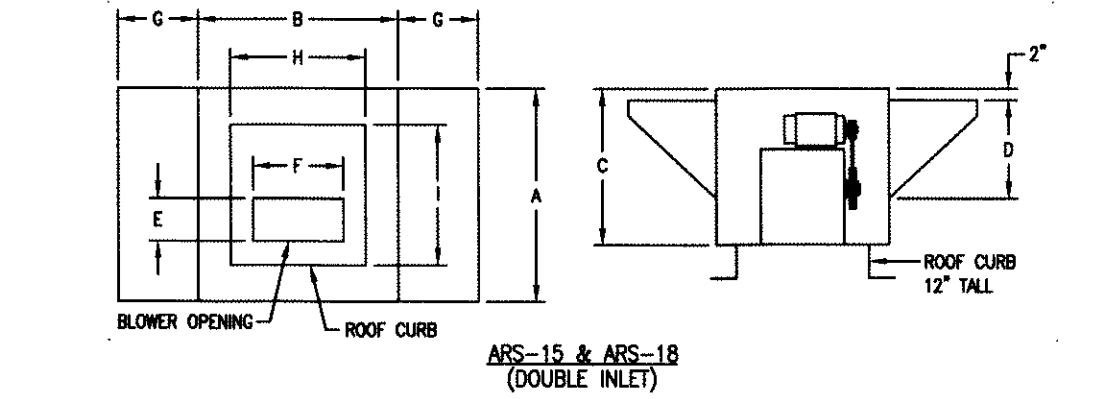
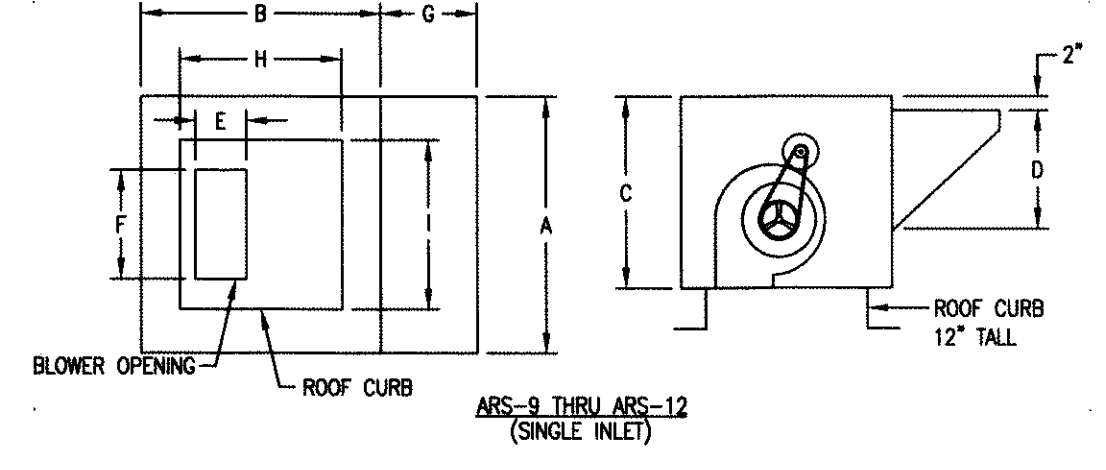
Exhaust collars shall be 16 gauge aluminumized steel and have a 3/4" welding flange for easy field connection. Supply air collar shall be 18 gauge galvanized steel and include a UL Listed fire damper. Control panels shall include on/off toggle type switches, for the control of hood lights and fans. Each fan switch shall have red pilot lights to handle for positive function status identification. Panel shall have stainless steel face plate with each switch identified. The hood shall be constructed in accordance with NFPA bear the NSF Seal of Approval, and be ETL Listed. Hood to be manufactured by LARKIN INDUSTRIES, INC. 1-800-322-4036.

HOOD 1



SUPPLY FAN

FEATURES: HEAVY GAUGE SCREWED TOGETHER HOUSING • EASILY REMOVABLE COVER • CONSTRUCTED OF GALVANIZED STEEL (PAINTING NOT REQUIRED) • DOUBLE INLET SUPPLY BLOWER, BELT DRIVEN, MOUNTED ON VIBRATION INSULATORS • CAST IRON MOTOR AND FAN DRIVES • FACTORY MOUNTED DISCONNECT SWITCH • PERMANENT LUBRICATED BEARINGS • CLEANABLE ALUMINUM MESH FILTERS • ETL LISTED



MARK	MODEL	FAN DIMENSIONAL DATA										CURB SIZE	FILTER SIZES
		A	B	C	D	E	F	G	H	I	J		
MK	ARS-9	24	24	30	25	10	1/4	11	13/16	18	23	23	(1) 20x20x1
MK	ARS-10	34	34	35	30	11	1/8	13	1/8	18	33	33	(2) 16x25x1
MK	ARS-12	34	34	35	30	13	7/16	15	5/8	18	33	33	(2) 16x25x1
MK	ARS-15	34	34	35	30	15	7/8	18	5/8	18	33	33	(4) 16x25x1
MK	ARS-18	42	42	43	30	18	7/8	21	7/8	18	41	41	(4) 20x25x1

MARK	MODEL	FAN INFORMATION				MOTOR INFORMATION				OPTIONAL ACCESSORIES			
		QTY.	TYPE	CFM	SP	RPM	HP	VOLTS	CYCLE	PH	TYPE	QTY.	
SF	ARS-10	1	10	2031	.50"	-	1/2	115	60	1	STD	G	-

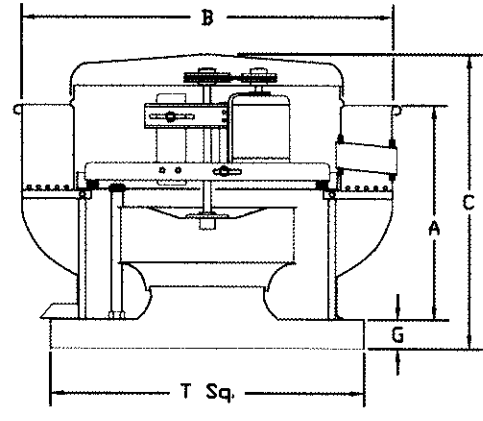
EXHAUST FAN

Larkin Industries, Inc. certifies that the XRUB shown herein are licensed to bear the AMCA Seal. The ratings shown are based on test and procedures performed in accordance with AMCA Publication #11 and AMCA Publication #11 and comply with the requirements of the AMCA Certified Ratings Program.

The Type XRUB is furnished standard with UL 762 listing (Power Ventilator for Restaurant Exhaust Appliances/ZHW) when furnished with factory supplied motor.

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SIZE	FAN INFORMATION				T SQ.	SHIP WT. LESS MOTOR	ROOF OPNG. SQUARE
	A	B	C	G			
098	17-3/8	24-7/8	28-1/4	1-3/4	19	58	16
101	17-3/8	24-7/8	28-1/4	1-3/4	19	58	16
121	17-3/8	24-7/8	28-1/4	1-3/4	19	66	16
131	17-3/8	24-7/8	28-1/4	1-3/4	19	66	16
141	19-3/8	28-7/8	29-3/4	1-3/4	22	84	19
161	19-3/8	28-7/8	29-3/4	1-3/4	22	87	19
180	21	35-3/8	28-5/8	1-3/4	30	126	27
200	21	35-3/8	28-5/8	1-3/4	30	142	27
220	25-1/2	42-3/4	33-7/8	1-3/4	34	174	31
240	25-1/2	42-3/4	33-7/8	1-3/4	34	175	31
300	29	50	36	1-3/4	40	313	37
360	29-3/8	58-5/8	39-1/8	1-3/4	42	440	43
420	35-1/4	65-3/8	44-3/4	1-3/4	52	578	49
480	36	74-3/16	48-1/4	1-3/4	58	675	55

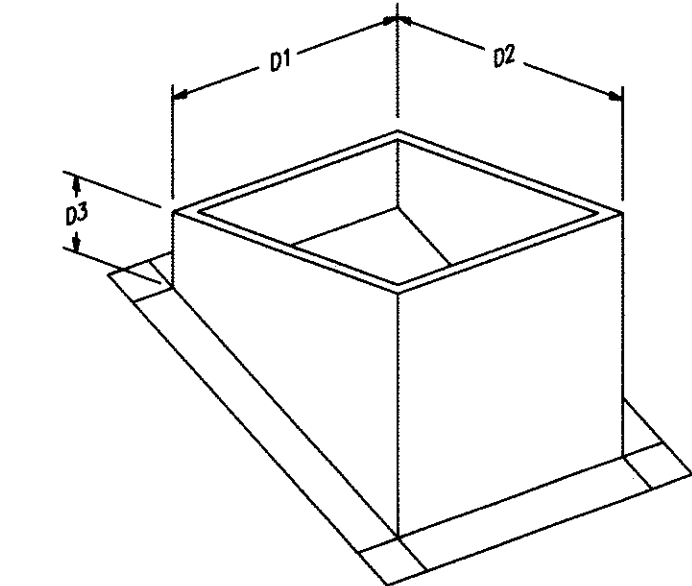


- LEGEND**
1. GALVANIZED CURB
 2. NEMA 3R DISCONNECT SWITCH
 3. EXTENDED VENTED BASE
 4. EXTENSION CURB
 5. HANGED BASE
 6. GREASE TRAP
 7. ALL STEEL CONSTRUCTION

ALL DIMENSIONS IN INCHES. WEIGHTS IN POUNDS.
ROOF OPENING SIZE FOR CURBS SUPPLIED BY COOK ONLY.

QTY.	MARK	CATALOG NUMBER	FAN INFORMATION			MOTOR INFORMATION			ACCESSORIES					
			CFM	SP	RPM	HP	VOLTS	HZ		PH	TYPE			
1	EF	XRUB-161	2709	.625"	-	3/4	230	60	1	STD	1	5	6	-

SLOPE ROOF CURBS FOR FANS



QTY.	FAN MODEL	DIMENSIONS		
		D1	D2	D3
1	161	21"	21"	24"
1	ARS-10	33"	33"	12"

HOOD INFORMATION TABLE

HOOD NO.	MODEL	LGTH	WTH	MAX. HOODING TEMP.	AIR REQUIREMENTS			EXHAUST COLLAR			SUPPLY COLLAR			HOOD CONSTRUCTION	HOOD CONFIGURATION			PLENUM		CEILING ENCLOSURE				
					QTY.	W	L	CFM	S.P.	QTY.	W	L	CFM		S.P.	QTY.	W	L	CFM		S.P.	QTY.	W	L
1	SC	10'-6"	72"	350 DEG.	1	16"	16"	2709	.625"	2709	1	10"	30"	2031	.25"	2031	430	S/S	-	-	-	-	-	-

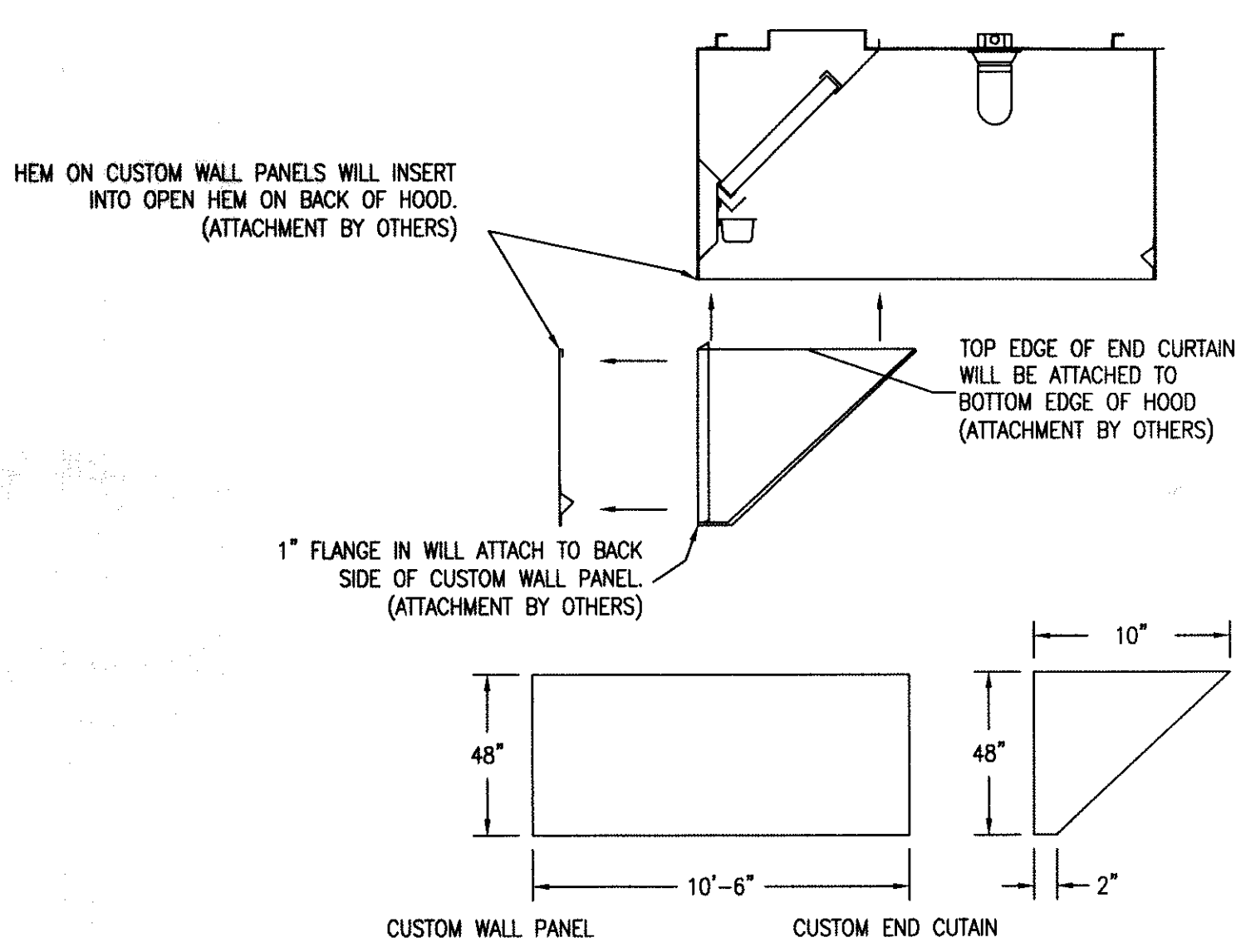
* ALL EXHAUST STATIC PRESSURES ARE @ COLLARS / DUCT SYSTEM NOT INCLUDED*

HOOD INFORMATION TABLE CONTINUED

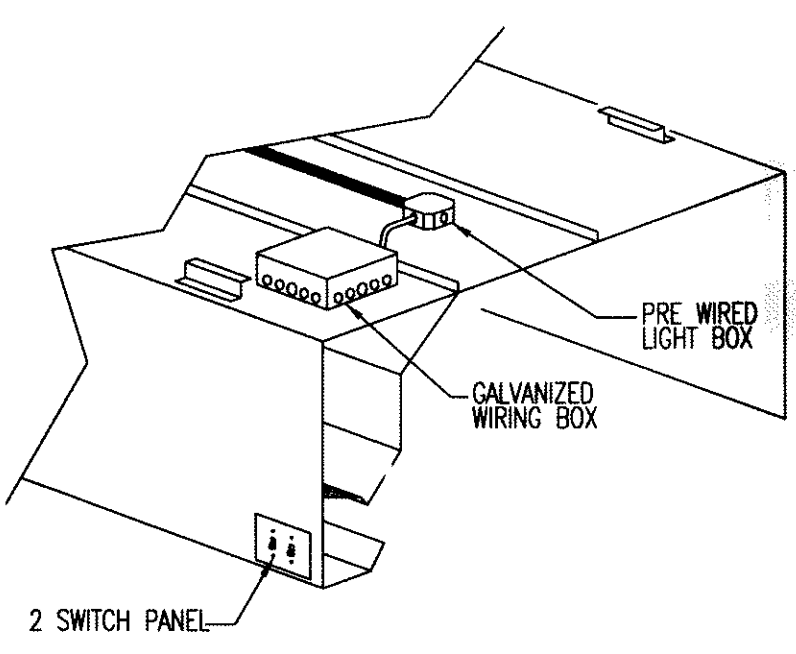
HOOD NO.	QTY.	HGT	LGTH	TYPE	QTY.	HGT	LGTH	TYPE	QTY.	WIRE GUARD	S/O	S/O	TYPE	SIZE	FIRE GALLON	CABINET	LOCATION	WEIGHT	HOOD SWITCHES		CONT.	FAN CNTRL.	LOCATION
																			STARTERS	STARTERS			
1	-	-	-	-	5	16"	25"	ALUM. Baffle	3	-	-	-	-	-	-	-	-	-	2	-	2	-	RH-END

* 48" TALL BACK WALL SPLASH PANEL PROVIDED WITH HOOD*

CUSTOM END CURTAINS AND WALL PANELS



HOOD MOUNTED PRE-WIRED PACKAGE



PRE WIRED ELECTRICAL BOX TO BE MOUNTED ON TOP OF HOOD AND FACTORY PRE WIRED TO A SWITCH PANEL ON FACE OF HOOD AND THE HOOD LIGHTS. WIRING BOX SHALL CONTAIN, AS REQUIRED, STARTERS WITH OVERLOADS, RELAYS, CONTACTORS, TERMINAL STRIPS AND WIRING DIAGRAM. WIRING FROM POWER SOURCE AND ROOFTOP FANS REQUIRES FIELD HOOKUP AS PER NATIONAL ELECTRICAL CODE. PRE WIRED BOXES AVAILABLE IN 115V, 208V, 230V, SINGLE PHASE, AND 208V, 230V, AND 480V THREE PHASE.

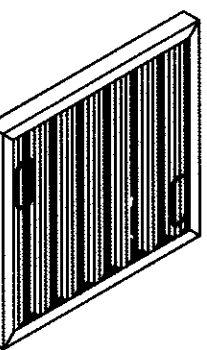
BAFFLE TYPE GREASE FILTERS

FEATURES:
• STAINLESS STEEL OR ALUMINUM CONSTRUCTION FOR TOUGH COMMERCIAL KITCHEN USE
• MODULAR, FRAMMANT PROTECTION AGAINST RUST AND CORROSION
• SAFE, REMOVABLE, POSITIVE FLAME BARRIER PROTECTION
• STAINLESS STEEL SURFACES PREVENT CONTAMINATION
• RUN-OFF INTO HOOD COLLECTION TROUGH
• DESIGNED TO REPLACE MESH TYPE FILTERS WITHOUT COSTLY HOOD MODIFICATIONS.

Air Flow Characteristics
CFM vs. Static Pressure

EFFECTIVE AREA
THE EFFECTIVE AREAS FOR THE FOLLOWING NOMINAL SIZE FILTERS ARE:

10" x 20" x 2"	1.00 SQUARE FEET
12" x 18" x 2"	0.97 SQUARE FEET
12" x 20" x 2"	1.25 SQUARE FEET
16" x 18" x 2"	1.36 SQUARE FEET
16" x 20" x 2"	1.75 SQUARE FEET
20" x 20" x 2"	2.25 SQUARE FEET
16" x 25" x 2"	2.24 SQUARE FEET
20" x 25" x 2"	2.88 SQUARE FEET



FEATURES

- HEATPROOF, GREASEPROOF, WATERPROOF.
- SPECIFICALLY DESIGNED FOR PREWIRED CANOPY HOODS.
- MOUNTS TO ANY 3 1/2" OR 4" STANDARD JUNCTION BOX.
- CAST ALUMINUM FIXTURES ARE PROVIDED WITH A BRUSHED TO MATCH STAINLESS STEEL HOOD INTERIORS.
- PROVIDED WITH PLASTIC COATED AND THERMAL SHOCK RESISTANT GLOBES.

SPECIFICATIONS

FIXTURE BODY: CAST ALUMINUM
SOCKET: PORCELAIN BODY WITH COPPER SHELL
WIRE LEADS: 6" LONG, 14 AWG
GASKETS: SILICONE
GLOBE: CLEAR THERMAL SHOCKPROOF GLASS & PLASTIC COATING.

NOTICE: Underwriters Laboratories standard #57 requires that fixtures in commercial cooking hoods must be mounted a minimum of 4 ft. above the cooking surface.

INCANDESCENT LIGHT FIXTURES

HOOD DETAILS BY

