

HOOD INFORMATION - Job#3767192

HOOD NO.	TAG	MODEL	LENGTH	MAX. COOKING TEMP.	EXHAUST PLENUM RISER(S)					MUA CFM	AC CFM	HOOD CONSTRUCTION	HOOD CONFIG.				
					TOTAL EXH. CFM	WIDTH	LENG.	HEIGHT	DIA.				CFM	VEL.	S.P.	END TO END	ROW
1	LEFT	5424 ND-2-ACSP-F	9' 9"	450 Deg.	1950			4'	14'	1950	1824	-0.782'	1650	500	430 SS Where Exposed	LEFT	ALONE
2	CENTER	5424 ND-2-ACSP-F	9' 9"	450 Deg.	1950			4'	14'	1950	1824	-0.782'	1650	500	430 SS Where Exposed	MIDDLE	ALONE
3	RIGHT	5424 ND-2-ACSP-F	9' 9"	450 Deg.	1950			4'	14'	1950	1824	-0.782'	1700	500	430 SS Where Exposed	RIGHT	ALONE
4	FRYER	3650 BD-2	3' 4"	450 Deg.	600			4'	8"	600	1719	-0.568'	0	0	430 SS Where Exposed	ALONE	ALONE
5	DISH	4824 VHB-G	6' 0"	700 Deg.	900			4'	12"	900	1146	-0.105'	0	0	430 SS 100%	ALONE	ALONE

PATENT NUMBERS

AC-PSP (United States) - US Patent 7963830 B2
 AC-PSP Wall (Canada) - CA Patent 2820509
 AC-PSP Island (Canada) - CA Patent 2520330

SPECIFICATION: CAPTRATE® GREASE-STOP® SOLID FILTER

THE CAPTRATE GREASE-STOP SOLID FILTER IS A SINGLE-STAGE FILTER FEATURING A UNIQUE S-BAFFLE DESIGN IN CONJUNCTION WITH A SLOTTED REAR BAFFLE DESIGN, TO DELIVER EXCEPTIONAL FILTRATION EFFICIENCY.

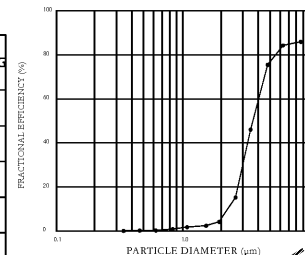
FILTER IS STAINLESS STEEL CONSTRUCTION, AND SIZED TO FIT INTO STANDARD 2-INCH DEEP HOOD CHANNEL(S).

UNITS SHALL INCLUDE STAINLESS STEEL HANDLES AND A FASTENING DEVICE TO SECURE THE TWO COMPONENTS WHEN ASSEMBLED.

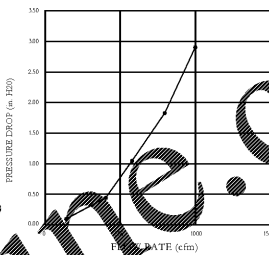
GREASE EXTRACTION EFFICIENCY PERFORMANCE SHALL REMOVE AT LEAST 75% OF GREASE PARTICLES FIVE MICRONS IN SIZE, AND 85% GREASE PARTICLES SEVEN MICRONS IN SIZE AND LARGER, WITH A CORRESPONDING PRESSURE DROP NOT TO EXCEED 1.0 INCHES OF WATER GAUGE.

THE CAPTRATE GREASE-STOP SOLID WAS TESTED TO ASTM STANDARD ASTM F2519-05.

EFFICIENCY VS. PARTICLE DIAMETER



PRESSURE DROP VS. FLOW RATE



CAPTRATE FILTERS ARE BUILT IN COMPLIANCE WITH:
 NFPA #96
 NSF STANDARD #2
 UL STANDARD #1046
 INT. MECH. CODE (IMC)
 ULC-S649



HOOD INFORMATION

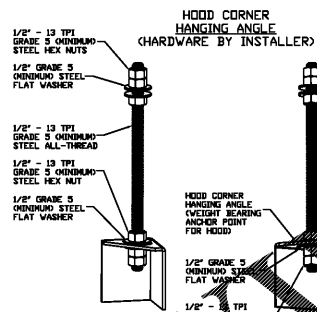
HOOD NO.	TAG	TYPE	FILTER(S)		LIGHT(S)		UTILITY CABINET(S)			FIRE SYSTEM PIPING	HOOD HANGING WGT					
			QTY.	HEIGHT	LENGTH	EFFICIENCY @ 7 MICRONS	QTY.	TYPE	WIRE GUARD			LOCATION	SIZE	ELECTRICAL MODEL #	SWITCHES QUANTITY	
1	LEFT	Captrate Solo Filter	7	20"	16'	85% See Filter Spec.	5	Screw In 12W LED	ND			YES	598 LBS			
2	CENTER	Captrate Solo Filter	7	20"	16'	85% See Filter Spec.	5	Screw In 12W LED	ND			YES	597 LBS			
3	RIGHT	Captrate Solo Filter	7	20"	16'	85% See Filter Spec.	5	Screw In 12W LED	ND	Right	20"x54"x24" Ansul R102	3.0/3.0/3.0	DCV-4111	1 Light 1 Fan	YES	871 LBS
4	FRYER	Captrate Solo Filter	2	16"	16'	85% See Filter Spec.	2	Screw In 12W LED	ND				YES	163 LBS		
5	DISH						0						NO	188 LBS		

HOOD OPTIONS

HOOD NO.	TAG	OPTION
1	LEFT	LEFT END STANDOFF (FINISHED) 1' Wide 54" Long Insulated GFCI DUPLEX OUTLET, 20A 125V - Hood Front Left - Horizontal - Dist from End: 62.50 Dist from Bottom: 7.50 GFCI DUPLEX OUTLET, 20A 125V - Hood Front Left - Horizontal - Dist from End: 68.00 Dist from Bottom: 7.50 GFCI DUPLEX OUTLET, 20A 125V - Hood Front Left - Horizontal - Dist from End: 73.50 Dist from Bottom: 7.50
2	CENTER	GFCI DUPLEX OUTLET, 20A 125V - Hood Front Left - Horizontal - Dist from End: 18.50 Dist from Bottom: 7.50 GFCI DUPLEX OUTLET, 20A 125V - Hood Front Right - Horizontal - Dist from End: 13.00 Dist from Bottom: 7.50 GFCI DUPLEX OUTLET, 20A 125V - Hood Front Right - Horizontal - Dist from End: 18.50 Dist from Bottom: 7.50
3	RIGHT	GFCI DUPLEX OUTLET, 20A 125V - Hood Front Left - Horizontal - Dist from End: 40.00 Dist from Bottom: 7.50 GFCI DUPLEX OUTLET, 20A 125V - Hood Front Left - Horizontal - Dist from End: 45.50 Dist from Bottom: 7.50 GFCI DUPLEX OUTLET, 20A 125V - Hood Front Left - Horizontal - Dist from End: 51.00 Dist from Bottom: 7.50 RIGHT WIDE VERTICAL END PANEL 42" Top Width, 36" Bottom Width, 80" High Insulated 430 SS
4	FRYER	FIELD WRAPPER 20.00" High Front, Left, Right LEFT QUARTER END PANEL 26" Top Width, 0" Bottom Width, 26" High 430 SS RIGHT QUARTER END PANEL 26" Top Width, 0" Bottom Width, 26" High 430 SS RISER SENSOR INSTALL 6IN PLEN
5	DISH	LEFT QUARTER END PANEL 23" Top Width, 0" Bottom Width, 23" High 430 SS

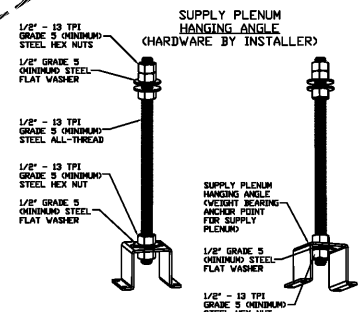
PERFORATED SUPPLY PLENUM(S)

HOOD NO.	TAG	POS.	LENGTH	WIDTH	HEIGHT	RISER(S)					
						TYPE	WIDTH	LENG.	DIA.	CFM	S.P.
1	LEFT	Front	118"	26"	6"	MUA	12"	28"		825	0.218"
						MUA	12"	28"		825	0.218"
						AC			8"	125	0.049"
						AC			8"	125	0.049"
						AC			8"	125	0.049"
2	CENTER	Front	117"	26"	6"	MUA	12"	28"		825	0.218"
						MUA	12"	28"		825	0.218"
						AC			8"	125	0.049"
						AC			8"	125	0.049"
						AC			8"	125	0.049"
3	RIGHT	Front	137"	26"	6"	MUA	12"	28"		849	0.213"
						MUA	12"	28"		849	0.213"
						AC			8"	125	0.049"
						AC			8"	125	0.049"
						AC			8"	125	0.049"



ASSEMBLY INSTRUCTIONS

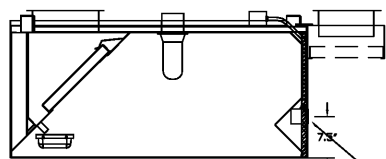
HANGING ANGLE MUST BE SUPPORTED WITH 1/2" - 13 TPI GRADE 5 (MINIMUM) ALL-THREAD, SANDWICH HANGING ANGLES AND CEILING ANCHOR POINTS WITH 1/2" GRADE 5 (MINIMUM) STEEL FLAT WASHERS AND 1/2" - 13 TPI GRADE 5 (MINIMUM) HEX NUTS AS SHOWN. MUST USE DOUBLED HEX NUT CONFIGURATION BENEATH HOOD HANGING ANGLES AND ABOVE CEILING ANCHORS. MAINTAIN 1/4" OF EXPOSED THREADS BENEATH BOTTOM HEX NUT. TORQUE ALL HEX NUTS TO 57 FT-LBS.



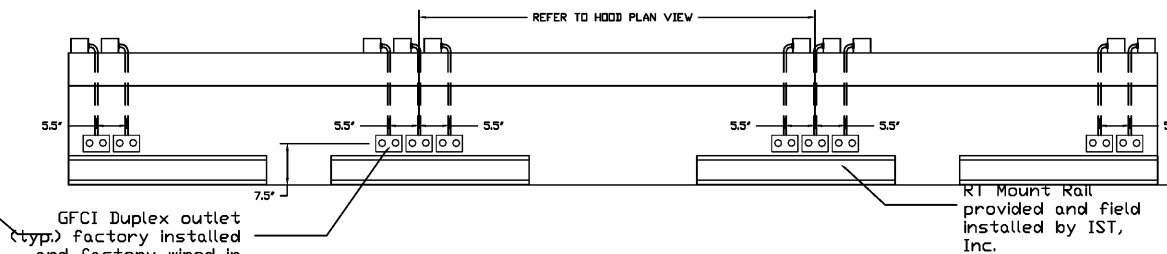
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HANGING ANGLE MUST BE SUPPORTED WITH 1/2" - 13 TPI GRADE 5 (MINIMUM) ALL-THREAD, SANDWICH HANGING ANGLES AND CEILING ANCHOR POINTS WITH 1/2" GRADE 5 (MINIMUM) STEEL FLAT WASHERS AND 1/2" - 13 TPI GRADE 5 (MINIMUM) HEX NUTS AS SHOWN. MUST USE DOUBLED HEX NUT CONFIGURATION ABOVE CEILING ANCHORS. SINGLE HEX NUT BENEATH HANGING ANGLE IS ACCEPTABLE FOR PSP HANGING ANGLES. MAINTAIN 1/4" OF EXPOSED THREADS BENEATH BOTTOM HEX NUT. TORQUE ALL HEX NUTS TO 57 FT-LBS.

SECTION VIEW



ELEVATION VIEW



Refer to architectural drawings for further KDS installation details.

Generic Outlet Detail for use with KDS for general reference only

Not to scale- refer to hood plan view drawings

REVISIONS

NO.	DESCRIPTION	DATE

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IHOP Owensboro KY
 DALLAS, TX, 75229

DATE: 4/1/2019
 DWG.#: 3767192
 DRAWN BY: CJP-REG45
 SCALE: 3/4" = 1'-0"
 MASTER DRAWING

SHEET NO. 1