

**HOOD INFORMATION - Job#3590126**

HOOD NO.	TAG	MODEL	LENGTH	MAX. COOKING TEMP.	TOTAL EXH. CFM	EXHAUST PLENUM RISER(S)					MUA CFM	AC CFM	HOOD CONSTRUCTION	HOOD CONFIG.			
						WIDTH	LENG.	HEIGHT	DIA.	CFM				VEL.	S.P.	END TO END	ROW
1		5430 ND-2-ACPPSP-F	11' 2"	450 Deg.	2937			4"	14"	1468	1373	-0.656"	2350	777	430 SS Where Exposed	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 SOLO FILTER**

THE CAPTRATE GREASE-STOP SOLO 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.

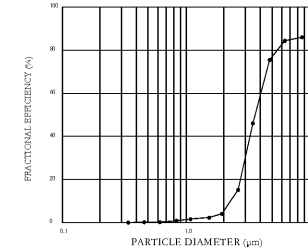
FILTER IS STAINLESS STEEL CONSTRUCTION, AND SIZED TO FIT INTO STANDARD 2-INCH DEEP HOOD CHANNEL(S).

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

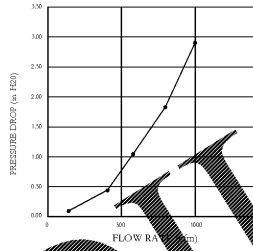
GREASE EXTRACTION EFFICIENCY PERFORMANCE SHALL REMOVE AT LEAST 75% OF GREASE PARTICLES FIVE MICRONS IN SIZE, AND 85% GREASE PARTICLES SEVEN MICRONS IN SIZE AND LARGER, WITH A CORRESPONDING PRESSURE DROP NOT TO EXCEED 1.0 INCHES OF WATER GAUGE.

THE CAPTRATE GREASE-STOP SOLO 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-5649



**HOOD INFORMATION**

HOOD NO.	TAG	FILTER(S)				LIGHT(S)				UTILITY CABINET(S)				FIRE SYSTEM PIPING	HOOD HANGING WGT		
		TYPE	QTY.	HEIGHT	LENGTH	EFFICIENCY @ 7 MICRONS	QTY.	TYPE	WIRE GUARD	LOCATION	SIZE	FIRE SYSTEM	SIZE			ELECTRICAL	SWITCHES
1		Captrate Solo Filter	8	20"	16"	85% See Filter Spec.	4	L55 Series E26	NO	Left	12"x54"x30"	Ansl R102	3.0/3.0	DCV-2111	1 Light 1 Fan	YES	918 LBS

**HOOD OPTIONS**

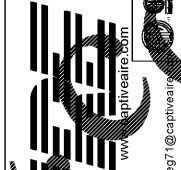
HOOD NO.	TAG	OPTION
1		FIELD WRAPPER 12.00" High Front, Left BACKSPLASH 80.00" High X 147.00" Long 430 SS Vertical LEFT SIDESPLASH 120.00" High X 18.00" Long 430 SS Vertical RIGHT SIDESPLASH 120.00" High X 18.00" Long 430 SS Vertical RIGHT SIDESPLASH 80.00" High X 54.00" Long 430 SS Vertical RIGHT END STANDOFF (FINISHED) 1" Wide 54" Long Insulated LEFT QUARTER END PANEL 23" Top Width, 0" Bottom Width, 23" High 430 SS STRUCTURAL FRONT PANEL RISER SENSOR INSTALL 6IN PLEN RIGHT WALL AS END PANEL

**PERFORATED SUPPLY PLENUM(S)**

HOOD NO.	TAG	POS.	LENGTH	WIDTH	HEIGHT	RISER(S)					
						TYPE	WIDTH	LENG.	DIA.	CFM	S.P.
1		Front	147"	26"	6"	MUA	14"	335	0.102"		
						MUA	14"	335	0.102"		
						MUA	14"	335	0.102"		
						MUA	14"	335	0.102"		
						MUA	14"	335	0.102"		
						MUA	14"	335	0.102"		
						MUA	14"	335	0.102"		
						AC	8"	111	0.039"		
						AC	8"	111	0.039"		
						AC	8"	111	0.039"		
						AC	8"	111	0.039"		
						AC	8"	111	0.039"		
						AC	8"	111	0.039"		

**REVISIONS**

DESCRIPTION	DATE

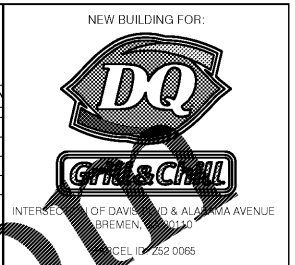


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DATE: 10/22/2018  
 DWG.#: 3590126  
 DRAWN BY: jsievers  
 SCALE: 3/4" = 1'-0"  
 MASTER DRAWING

SHEET NO.  
 1



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 HOOD SHOP  
 DRAWINGS

SHEET NUMBER:  
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