

FOR QUESTIONS, CALL THE
Tulsa Office
REGION 80
PHONE: (918) 258 - 0291
EMAIL: reg80@captivaire.com

PATENT NUMBERS
EXHAUST HOODS ND-2/BD-2/SND-2 (CANADA) - CA PATENT 2520435 C.

HOOD INFORMATION - JOB#8170091

HOOD NO	TAG	MODEL	MANUFACTURER	LENGTH	MAX COOKING TEMP DEG	TYPE	APPLIANCE DUTY	DESIGN CFM/FT	TOTAL EXH CFM	EXHAUST PLENUM			HOOD CONSTRUCTION	HOOD CONFIG END TO END			
										RISER(S)	WIDTH	LENG			HEIGHT	DIA	CFM
1	ITEM-27	6624 ND-2	CAPTIVEAIRE	12' 6"	600	1	HEAVY	184	2300	4"	14"	2300	2152	-1356"	430 SS	ALONE	ALONE

HOOD INFORMATION

HOOD NO	TAG	TYPE	FILTER(S)			EFFICIENCY @ 7 MICRONS	QTY	LIGHT(S)			WIRE GUARD	AVERAGE FOOT CANDLE(S) @ 36" AFF	LOCATION	SIZE	TANK FS	UTILITY CABINET(S)		FIRE SYSTEM	FIRE SYSTEM PIPING	HOOD HANGING WEIGHT
			QTY	HEIGHT	LENGTH			TYPE	SIZE	ELECTRICAL MODEL #						SWITCHES QUANTITY	1 LIGHT			
1	ITEM-27	CAPT RATE SOLID FILTER	9	16"	16"	85% SEE FILTER SPEC	6	RECESSED ROUND	ND	50	RIGHT	12"x66"x24"	FS	4.0/4.0	SC-311110MA	1 LIGHT	1 FAN	YES	1242 LBS	

HOOD OPTIONS

HOOD NO	TAG	FIELD WRAPPER	18.00" HIGH	FRONT, LEFT, RIGHT, BACKSPLASH	122.00" HIGH X 165.00" LONG	430 SS VERTICAL.
		LEFT END STANDBUF (FINISHED)	1" WIDE	66" LONG	INSULATED.	
		INSULATION FOR TOP OF HOOD				
		STRUCTURAL FRONT PANEL.				
		INSULATION FOR BACK OF HOOD.				
		RIGHT VERTICAL END PANEL	27"	TOP WIDTH,	21" BOTTOM WIDTH,	80" HIGH INSULATED 430 SS.
		LEFT VERTICAL END PANEL	27"	TOP WIDTH,	21" BOTTOM WIDTH,	80" HIGH INSULATED 430 SS.

CLEARANCE TO COMBUSTIBLES

HOODS #	SURFACE	*CLEARANCE
1	TOP	0"
	FRONT	0"
	BACK	0"
	LEFT	0"
	RIGHT	0"

- *0" CLEARANCE TO COMBUSTIBLES CONFIRMS TO UL 710 STANDARD.
- HOOD MOUNTED UTILITY CABINETS REQUIRE 36" SERVICE CLEARANCE.

SPECIFICATION: CAPTRATE® GREASE-STOP® SOLID FILTER

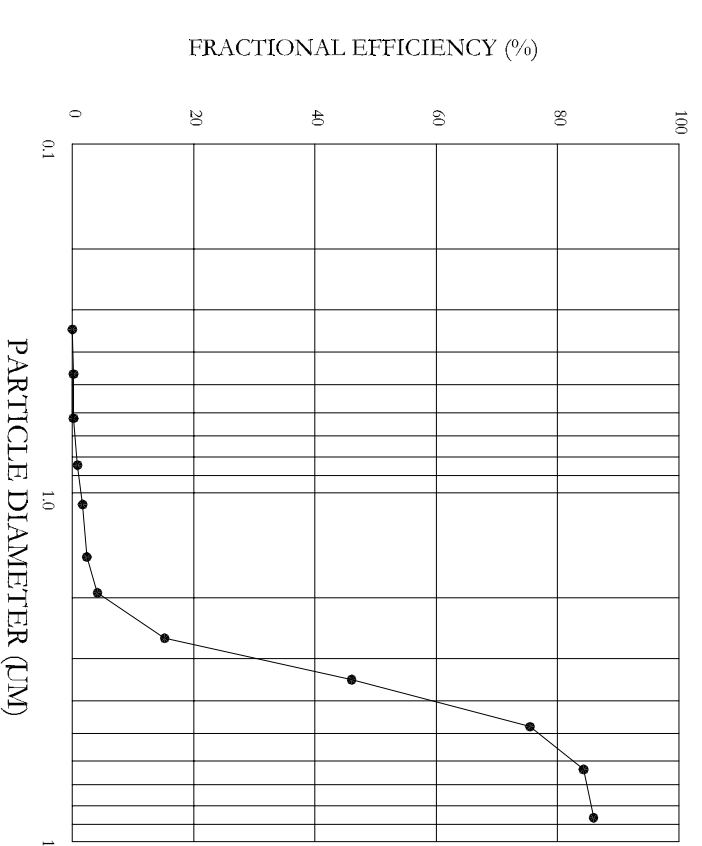
THE CAPTRATE GREASE-STOP SOLID FILTER IS A SINGLE-STAGE FILTER FEATURING A UNIQUE S-BAFFLE DESIGN IN CONJUNCTION WITH A SLOTTED REAR BAFFLE DESIGN, TO DELIVER EXCEPTIONAL FILTRATION EFFICIENCY.
FILTER IS STAINLESS STEEL CONSTRUCTION, AND SIZED TO FIT INTO STANDARD 2-INCH DEEP HOOD CHANNEL(S).

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

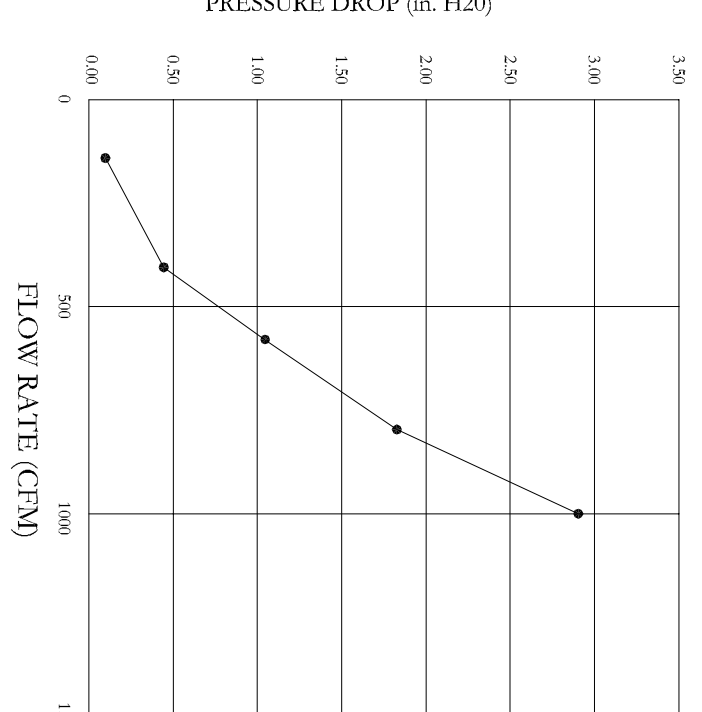
GREASE EXTRACTION EFFICIENCY PERFORMANCE SHALL REMOVE AT LEAST 75% OF GREASE PARTICLES FIVE MICRONS IN SIZE, AND 85% GREASE PARTICLES SEVEN MICRONS IN SIZE AND LARGER, WITH A CORRESPONDING PRESSURE DROP NOT TO EXCEED 1.0 INCHES OF WATER GAUGE.

THE CAPTRATE GREASE-STOP SOLID WAS TESTED TO ASTM STANDARD ASTM F2519-05. MANUFACTURER APPROVED FOR USE IN SOLID FUEL APPLICATIONS AS A SPARK ARRESTER.

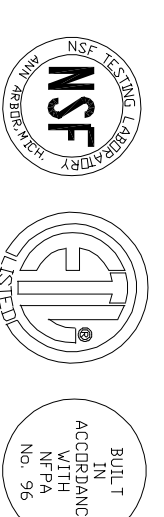
EFFICIENCY VS. PARTICLE DIAMETER



PRESSURE DROP VS. FLOW RATE



CAPT RATE FILTERS ARE BUILT IN COMPLIANCE WITH:
NFPA #96
NSF STANDARD #2
UL STANDARD #1045
INT. MECH. CODE (IMC)
ULC-S649.



REVISIONS

NO.	DESCRIPTION	DATE

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DATE: 8/12/2025	DWG.#: 8170091
DRAWN BY: RJH-80	SCALE: 3/4" = 1'-0"
MASTER DRAWING	SHEET NO. 1

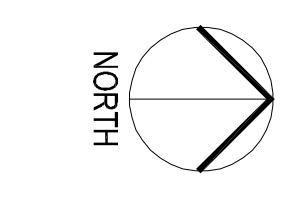
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