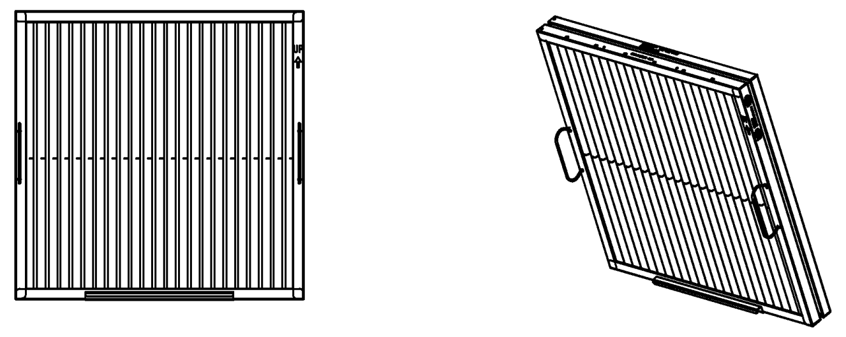
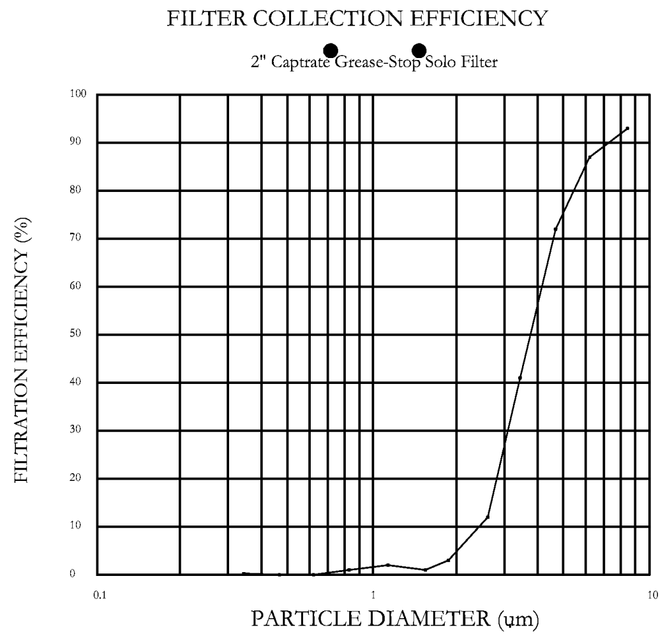
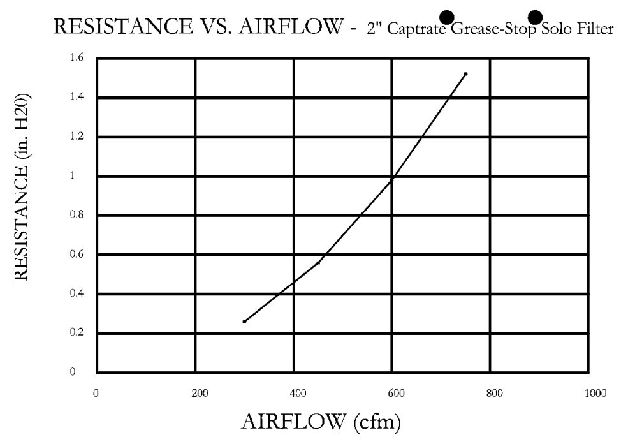






SPECIFICATION: CAPTRATE GREASE-STOP SOLO FILTER

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 CONSTRUCTED OF 430 STAINLESS STEEL, 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 90% GREASE PARTICLES SEVEN MICRONS IN SIZE AND LARGER, WITH A CORRESPONDING PRESSURE DROP NOT TO EXCEED 1.0 INCHES OF WATER GAUGE.

FILTER INFORMATION – CAPTRATE GREASE-STOP SOLO

NOMINAL SIZE (H x W)	ACTUAL DIMENSIONS (H x W x D)	FREE AREA (SQ. FEET)	WEIGHT (POUNDS)	VELOCITY (FEET PER MINUTE)	STATIC PRESSURE (WATER GAUGE)
20 x 20	19-5/8" x 19-5/8" x 1-7/8"	2.28	11	100	0.25
20 x 16	19-5/8" x 15-5/8" x 1-7/8"	1.78	8.9	125	0.35
16 x 20	15-5/8" x 19-5/8" x 1-7/8"	1.78	9.1	150	0.45
16 x 16	15-5/8" x 15-5/8" x 1-7/8"	1.39	7.4	175	0.75

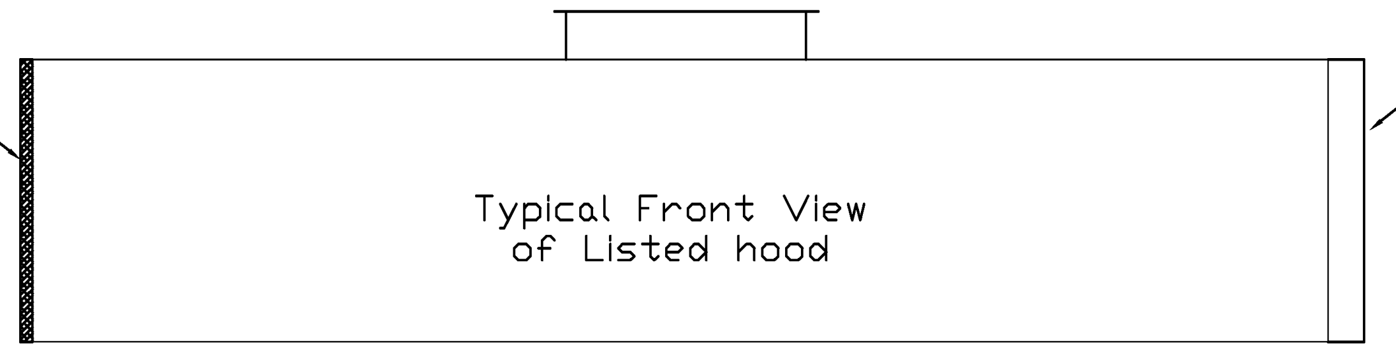
Top Clearance Reduction Options

1" layer of insulation factory installed on top of hood (optional)
Meets 0 inch requirements for clearance to combustible surfaces as outlined below

3" un-insulated airspace factory installed on top of hood (optional)
Meets NFPA96 requirements for clearance to limited combustible surfaces

End Clearance Reduction Options

1" layer of insulation factory installed on end of hood (optional)
Meets 0 inch requirements for clearance to combustible surfaces as outlined below



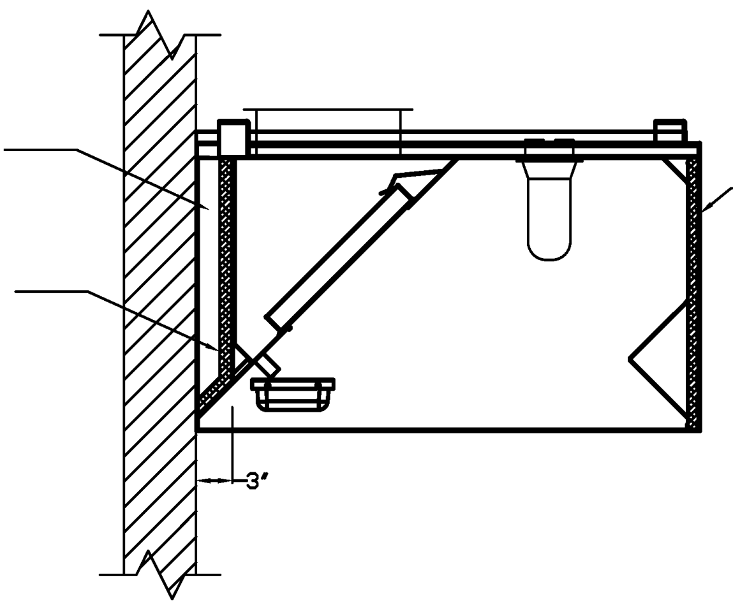
3" un-insulated airspace factory installed on end of hood (optional)
Meets NFPA96 requirements for clearance to limited combustible surfaces

Back & Front Clearance Reduction Options

3" un-insulated back standoff factory installed. Meets NFPA96 requirements for clearance to limited combustible surfaces

OR

1" layer of insulation factory installed in 3" standoff. Meets 0 inch requirements for clearance to combustible surfaces as outlined below



1" layer of insulation factory installed in front of hood
Meets 0 inch requirements for clearance to combustible surfaces as outlined below

Clearance Reduction Methods:

Clearance reduction methods have been evaluated and tested and are certified by ETL. The method of test was derived from UL 710 with temperature criteria taken from appropriate standards.

The hood may be installed with a 0 inch clearance to combustible materials per ETL if constructed in one of the following methods:

- 1 inch thick min. layer of insulation of type Owens Corning Type 475 or Johns Manville Type 475 or listed kitchen exhaust duct insulation.
- 1 inch thick min. insulated backsplash. Insulation of type listed above.
- Back Return (BR) supply plenum with 1 inch thick min. insulation of type listed above.

To comply with the ETL certification, the cooking appliance must be located:

- At least 6 inches from the rear wall.
- At least 24 inches below the bottom edge of the hood.
-

The hood may be installed with a 3 inch clearance to limited combustible materials per NFPA96 if constructed in one of the following methods:

- 3 inch factory installed rear un-insulated standoff.
- 3 inch factory installed top wrapper or enclosure panel system.
- 3 inch factory installed end standoff

CUSTOMER APPROVAL TO MANUFACTURE:

Approved as Noted ☐
Approved with NO Exception Taken ☐
Revise and Resubmit ☐
SIGNATURE ____________________
Your Title ____________________ Date __________

REVISIONS

	DESCRIPTION	DATE:
△		
△		
△		
△		

CAPTIVEAIRE
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Bowl Portland
Yarmouth, ME

DATE: 11/18/2009

DWG.#:
Fan-3-1054233

DRAWN BY:

SCALE:
Not To Scale

FAN

SHEET NO.
3