CITY OF PORTLAND, MAINE
RESURGAM
Reviewed for Code Compliance
Inspections Division
Approved with Conditions
Date: 05/21/17

## HOOD INFORMATION – Job#2905587

| HOOD NO. | TAG | MODEL | LENGTH | MAX. COOKING TEMP. | EXHAUST PLENUM TOTAL EXH. CFM | RISER(S) WIDTH | LONG. | HEIGHT | DIA. | CFM | S.P. | HOOD CONSTRUCTION | HOOD CONFIG. END TO END | ROW |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 5424 ND-2 | 4' 0.00" | 600 Deg. | 800 | | | 4' | 12" | 800 | -0.310" | 430 SS 100% | ALONE | ALONE |

## HOOD INFORMATION

| HOOD NO. | TAG | FILTER(S) TYPE | QTY | HEIGHT | LENGTH | EFFICIENCY @ 9 MICRONS | LIGHT(S) QTY | TYPE | WIRE GUARD | UTILITY CABINET(S) LOCATION | SIZE | FIRE SYSTEM TYPE | SIZE | ELECTRICAL MODEL # | SWITCHES QUANTITY | FIRE SYSTEM PIPING | HOOD HANGING WGHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | Captrate Solo Filter | 2 | 20" | 16" | 85% See Filter Spec. | 2 | Screw In Compact | NO | | | | | | | NO | 230 LBS |

## HOOD OPTIONS

| HOOD NO. | TAG | OPTION |
|---|---|---|
| 1 | | LEFT QUARTER END PANEL 23" Top Width, 0" Bottom Width, 23" High 430 SS |
| | | RIGHT QUARTER END PANEL 23" Top Width, 0" Bottom Width, 23" High 430 SS |

## 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 90% 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.

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

## 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.

## PATENT NUMBERS

Exhaust Hoods ND-2/BD-2/END-2 (Canada) – CA Patent 2503435 C

CUSTOMER APPROVAL TO MANUFACTURE:

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

CAPTIVEAIRE

| | |
|---|---|
| JOB A&C Grocer | |
| LOCATION Biddeford, ME, | |
| DATE 3/9/2017 | JOB # 2905587 |
| DWG # 1 | DRAWN BY BFC-21 |
| REV. | SCALE 3/8" = 1'-0" |