Reviewed for Code Compliance
Inspections Division
Approved with Conditions
Date: 05/21/17

## EXHAUST FAN INFORMATION – Job#2905587

| FAN UNIT NO. | TAG | FAN UNIT MODEL # | CFM | ESP. | RPM | H.P. | B.H.P. | Ø | VOLT | FLA | WEIGHT (LBS.) | SONES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | DU33HFA | 800 | 0.350 | 1270 | 0.333 | 0.1390 | 1 | 115 | 5.6 | 113 | 8.4 |

## FAN OPTIONS

| FAN UNIT NO. | TAG | OPTION (Qty. – Descr.) |
|---|---|---|
| 1 | | 1 – Grease Box |
| | | 1 – Full Grating For Exhaust Fans |
| | | 1 – 3 Year Extended Motor Warranty |
| | | 1 – Fan Base Ceramic Seal – For Grease Ducts |

## FAN ACCESSORIES

| FAN UNIT NO. | TAG | EXHAUST | | | SUPPLY | | | |
|---|---|---|---|---|---|---|---|---|
| | | GREASE CUP | GRAVITY DAMPER | WALL MOUNT | SIDE DISCHARGE | GRAVITY DAMPER | MOTORIZED DAMPER | WALL MOUNT |
| 1 | | YES | | | | | | |

## CURB ASSEMBLIES

| NO. | ON FAN | WEIGHT | ITEM | SIZE |
|---|---|---|---|---|
| 1 | # 1 | 34 LBS | Curb | 19.500"W x 19.500"L x 24.000"H 3.000:12.000 Pitch Vented Hinged |

## FAN SOUND INFORMATION

| FAN UNIT NO. | MOTOR | RPM | LWA | SONES | DBA | DISTANCE FT | OCTAVE 1 | OCTAVE 2 | OCTAVE 3 | OCTAVE 4 | OCTAVE 5 | OCTAVE 6 | OCTAVE 7 | OCTAVE 8 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Exhaust | 1270 | 69.2 | 8.4 | 57.7 | 5 | 68.2 | 73.4 | 71.9 | 65.3 | 62 | 60.7 | 53.9 | 42.9 |

FAN #1 DU33HFA – EXHAUST FAN

FEATURES:

- DIRECT DRIVE CONSTRUCTION (NO BELTS/PULLEYS)
- ROOF MOUNTED FANS
- RESTAURANT MODEL
- 18 7KS AND 18 7KP
- VARIABLE SPEED CONTROL
- INTERNAL WIRING
- WEATHERPROOF DISCONNECT
- THERMAL OVERLOAD PROTECTION (SINGLE PHASE)
- HIGH HEAT OPERATION 300°F (149°C)
- GREASE CLASSIFICATION TESTING

NORMAL TEMPERATURE TEST
EXHAUST FAN MUST OPERATE CONTINUOUSLY WHILE EXHAUSTING AIR AT 300°F (149°C) UNTIL ALL FAN PARTS HAVE REACHED THERMAL EQUILIBRIUM, AND WITHOUT ANY DETERIORATING EFFECTS TO THE FAN WHICH WOULD CAUSE UNSAFE OPERATION.

ABNORMAL FLARE-UP TEST
EXHAUST FAN MUST OPERATE CONTINUOUSLY WHILE EXHAUSTING BURNING GREASE VAPORS AT 400°F (204°C) FOR A PERIOD OF 15 MINUTES WITHOUT THE FAN BECOMING DAMAGED TO ANY EXTENT THAT COULD CAUSE AN UNSAFE CONDITION.

OPTIONS

GREASE BOX
FULL GRATING FOR EXHAUST FANS
3 YEAR EXTENDED MOTOR WARRANTY
FAN BASE CERAMIC SEAL – FOR GREASE DUCTS

PITCHED CURBS ARE AVAILABLE FOR PITCHED ROOFS.

SPECIFY PITCH:
EXAMPLE: 7/12 PITCH = 30° SLOPE

ROOF PITCH FOR CURB(S) MUST BE SPECIFIED PRIOR TO RELEASING ORDER
___12

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 # 3 | DRAWN BY BFC-21 |
| REV. | SCALE 3/8" = 1'-0" |