

FAN #7 DUS9EA - EXHAUST FAN (UL-705)

28 7/8"
21"
27 1/4"
2"
13 1/4"
19"
21"
18" MINIMUM CLEARANCE TO COMBUSTIBLES
18" MINIMUM CLEARANCE TO COMBUSTIBLES
TOP VIEW

FAN #8 DUS9EA - EXHAUST FAN (UL-705)

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FEATURES:

- DIRECT DRIVE CONSTRUCTION (NO BELTS/PULLEYS).
- ROOF MOUNTED FANS.
- RESTAURANT MODEL.
- UL-705 AND UL-762 AND UL-C-5645.
- VARIABLE SPEED CONTROL.
- INTERNAL WIRING.
- THERMAL OVERLOAD PROTECTION (SINGLE PHASE).
- HIGH HEAT OPERATION 300°F (149°C).
- GREASE CLASSIFICATION TESTING.
- NEMA 3R SAFETY DISCONNECT SWITCH.

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 DETRIMENTAL EFFECTS TO THE FAN WHICH WOULD CAUSE UNSAFE OPERATION.

ABNORMAL FLAME-UP TEST:
EXHAUST FAN MUST OPERATE CONTINUOUSLY WHILE EXHAUSTING BURNING GREASE VAPORS AT 600°F (315°C) FOR A PERIOD OF 15 MINUTES WITHOUT THE FAN BECOMING DAMAGED TO ANY EXTENT THAT COULD CAUSE AN UNSAFE CONDITION.

OPTIONS:

- GREASE BOX.
- ECM WIRING PACKAGE - PWM SIGNAL FROM ECM03 PREWIRE (TELECO MOTOR), LOW NOTATION.
- 2 YEAR PARTS WARRANTY.

GREASE BOX INSTALLATION

CLOSED POSITION

OPEN POSITION

PARTS INCLUDED

- GREASE BOX.
- GREASE BOX COVER.
- GREASE PIPE.
- SHEET METAL SCREWS 3 - LONG (3/4" LG.).

GREASE BOX FIELD INSTALLATION

STEP 1)
ATTACH GREASE BOX COVER TO THE CURB. HOLD 3" DIMENSION AS SHOWN ON PIC. 1. SCREW GREASE BOX COVER TO CURB USING (3) LONG (3/4" LG.) SCREWS AS SHOWN ON PIC. 2.

STEP 2)
ATTACH GREASE BOX TO GREASE BOX COVER, SLIDE AND DROP AS SHOWN ON PIC. 3.

STEP 3)
INSTALL GREASE PIPE AS SHOWN ON PIC. 4.

PIC. 1
CURB.

PIC. 2
GREASE BOX COVER.

PIC. 3
GREASE BOX.

PIC. 4
GREASE PIPE.

***NOTE: UL 705 INSTALL.**

GREASE BOX INSTALLATION

***NOTE: UL 762 INSTALL.**

econ·air

Peekskill Firehouse Kitchen Incubator R2
701 Washington Street,
Peekskill, NY, 10566

DATE: 7/30/2024
DWG.#: 6784502
DRAWN BY: billy.gast
SCALE: N.T.S.
MASTER DRAWING

SHEET NO.
5

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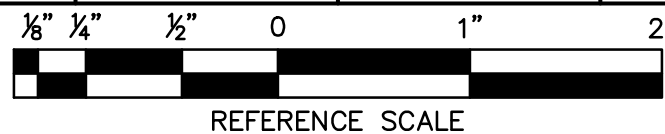
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DESIGNED BY: RW
DRAWN BY: JCL
APPROVED BY: EDF
FE PROJECT #: 23-369



PEEKSKILL FIREHOUSE KITCHEN INCUBATOR

City of Peekskill (Owner)
701 Washington Street
Peekskill, New York 10566
S-B-L: 32-20-9-1
City of Peekskill - Westchester County

DRAFT CONSTRUCTION DOCUMENT - NOT FOR PERMIT OR CONSTRUCTION

Date: September 17, 2024
Revisions:

H4.05

JTA
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ERIC D. FELLENER, P.E.
NY PROFESSIONAL ENGINEER
NO. 073044-1
ISSUED 1995 EXP. 8/25