

EXHAUST FAN INFORMATION - JOB#4688340

FAN UNIT NO	TAG	QTY	FAN UNIT MODEL #	MANUFACTURER	CFM	ESP	RPM	MOTOR ENCL	HP	BHP	Ø	VOLT	FLA	DISCHARGE VELOCITY	WEIGHT (LBS)	SDNES
1	KEF-1	1	DUI80HFA	CAPTIVEAIRE	2475	1.750	1300	DDP,PREMIUM	2.000	1.5050	3	208	8.3	572 FPM	179	17.6
2	KEF-2	1	DUI80HFA	CAPTIVEAIRE	2475	1.750	1316	DDP,PREMIUM	2.000	1.5070	3	208	8.3	572 FPM	179	18.1

MUA FAN INFORMATION - JOB#4688340

FAN UNIT NO	TAG	QTY	FAN UNIT MODEL #	BLOWER	HOUSING	MIN CFM	DESIGN CFM	ESP	RPM	MOTOR ENCL	HP	BHP	Ø	VOLT	FLA	MCA	MDCP	WEIGHT (LBS)	SDNES
3	MUA-1	1	A2-D.500-200	20MF-2-MDD	A2-D.500	2500	4208	0.400	1549	DDP,PREMIUM	3.000	2.0220	3	208	9.5	11.9A	20A	698	15.3

GAS FIRED MAKE-UP AIR UNIT(S)

FAN UNIT NO	TAG	INPUT BTUs	OUTPUT BTUs	TEMP RISE	REQUIRED INPUT GAS PRESSURE	GAS TYPE	BURNER EFFICIENCY(%)
3	MUA-1	317066	291701	70°F	7 IN. W.C. - 14 IN. W.C.	NATURAL	92

FAN OPTIONS

FAN UNIT NO	TAG	QTY	DESCRIPTION
1	KEF-1	1	FAN BASE CERAMIC SEAL - INSTALLED AT PLANT - FOR GREASE DUCTS.
		1	EXHAUST FAN HEAT BAFFLE.
2	KEF-2	1	FAN BASE CERAMIC SEAL - INSTALLED AT PLANT - FOR GREASE DUCTS.
		1	EXHAUST FAN HEAT BAFFLE.
3	MUA-1	1	MOTORIZED BACKDRAFT DAMPER FOR A2-D HOUSING. MEETS AMCA CLASS 1A RATING.
		1	LOW FIRE START.
		1	INLET PRESSURE GAUGE, 0-35".
		1	MANIFOLD PRESSURE GAUGE, -5 TO 15" WC.
		1	SEPARATE 120V WIRING PACKAGE (REQUIRED AND USED ONLY FOR DCV OR PREWIRE WITH VFD) - THREE PHASE ONLY.

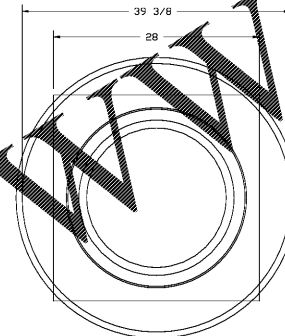
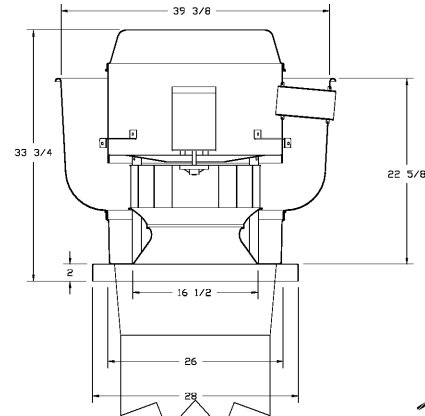
FAN ACCESSORIES

FAN UNIT NO	TAG	EXHAUST				SUPPLY		
		GREASE CUP	GRAVITY DAMPER	WALL MOUNT	SIDE DISCHARGE	GRAVITY DAMPER	MOTORIZED DAMPER	WALL MOUNT
1	KEF-1							
2	KEF-2							
3	MUA-1						YES	

CURB ASSEMBLIES

NO	DN FAN	TAG	WEIGHT	ITEM	SIZE
1	# 1	KEF-1	41 LBS	CURB	26.500"W X 26.500"L X 20.000"H VENTED HINGED.
2	# 2	KEF-2	41 LBS	CURB	26.500"W X 26.500"L X 20.000"H VENTED HINGED.
3	# 3	MUA-1	80 LBS	CURB	31.000"W X 79.000"L X 20.000"H INSULATED.

FANS #1, #KCF-1), #2, #KCF-2) - DUI80HFA EXHAUST FAN



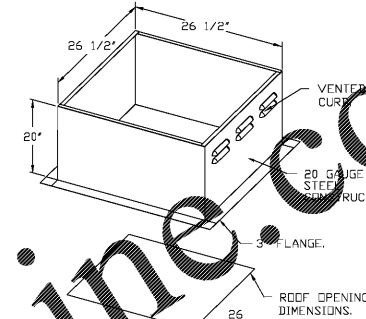
TOP VIEW

FEATURES:

- DIRECT DRIVE CONSTRUCTION (NO BELTS/PULLEYS).
- ROOF MOUNTED FANS.
- RESTAURANT MODEL.
- UL709
- VARIABLE SPEED CONTROL.
- INTERNAL WIRING.
- THERMAL OVERLOAD PROTECTION (SINGLE PHASE).
- HIGH HEAT OPERATION 300°F (149°C).
- 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 DEGRADING EFFECTS TO THE FAN WHICH WOULD CAUSE UNSAFE OPERATION.

FAN BASE CERAMIC SEAL - INSTALLED AT PLANT FOR GREASE DUCTS EXHAUST FAN HEAT BAFFLE.



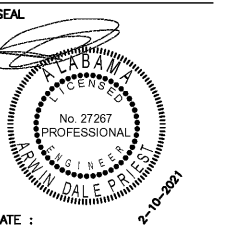
REVISIONS

DESCRIPTION	DATE

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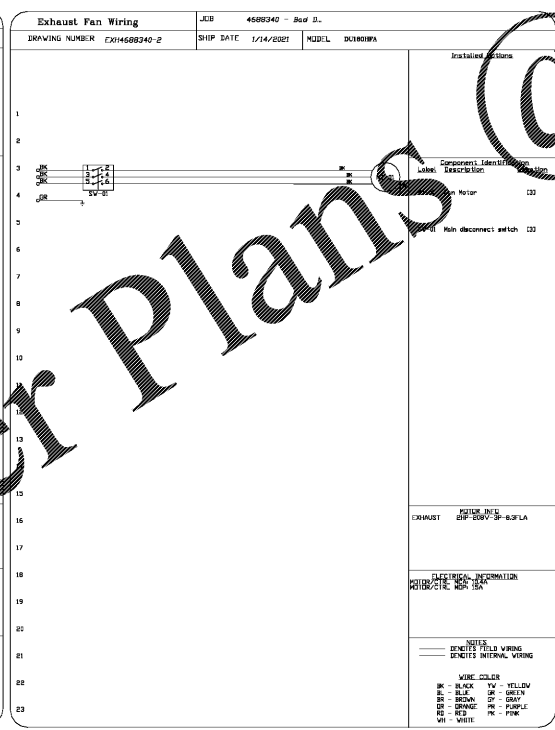
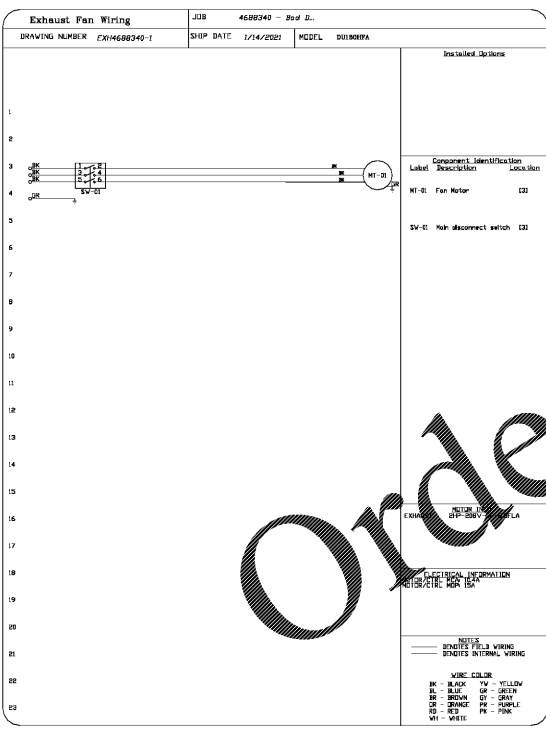
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 tel: (303) 384-1430

BAD DADDY'S BURGER BAR
 "EASTCHASE"
 MONTGOMERY, AL 36117

Issue Record:
 04.23.2019 FOR PLAN REVIEW
 02.10.2021 TO GO REVS

Drawn:
 DRAWN BY: E Long
 Checked:
 CHECKED BY: R Blank
 Project No.
 PROJECT#: 2019-029
 Customer:
 CAPTIVE AIRE HOOD DESIGN

H-4
 of 5



Order Plans @

THESE DRAWINGS WERE OBTAINED FROM CAPTIVE AIRE. VERIFY LATEST DRAWINGS PRIOR TO ORDERING EQMT