

EXHAUST FAN INFORMATION – JOB#4748429

FAN UNIT NO	TAG	QTY	FAN UNIT MODEL #	MANUFACTURER	CFM	ESP	RPM	MOTOR ENCL	HP	BHP	PHASE	VOLT	FLA	DISCHARGE VELOCITY	WEIGHT (LBS)	SDNES
1		1	EABDU18	ECON-AIR	3450	1.250	1230	DDP	2.000	1.3820	3	208	5.9	797 FPM	184	17.9
2		1	EABDU18	ECON-AIR	3450	1.250	1230	DDP	2.000	1.3820	3	208	5.9	797 FPM	184	17.9
3		1	EABDCR7	ECON-AIR	450	0.250	1134	DDP	0.250	0.0850	1	115	4.8		90	6.3

CONDENSER DETAILS

FAN UNIT NO	TAG	FAN UNIT MODEL #	CONDENSER NO	TONNAGE	VOLTAGE	PHASE	FREQUENCY	MCA	RLA	MAX FUSE SIZE	MIN WIRE SIZE	SEER
4		EA-A3-G18-MPU	1	5	208-230	3 PHASE	60 HZ	21.4 AMPS	17.4 AMPS	30 AMPS	10 AWG	14
			2	5	208-230	3 PHASE	60 HZ	21.4 AMPS	17.4 AMPS	30 AMPS	10 AWG	14

MUA FAN INFORMATION – JOB#4748429

FAN UNIT NO	TAG	QTY	FAN UNIT MODEL #	BLOWER	HOUSING	MIN CFM	DESIGN CFM	ESP	RPM	MOTOR ENCL	HP	BHP	PHASE	VOLT	FLA	MCA	MOCP	WEIGHT (LBS)	SDNES
4		1	EA-A3-G18-MPU	G18-PB	A3	3600	5520	0.750	618	DDP,PREMIUM	3.000	1.8160	3	208	8.7	10.9A	15A	1618	17.2

COILS – JOB#4748429

FAN UNIT NO	TAG	COIL TYPE	DESIGN CFM	COOLING										HEATING									
				ENTERING DB TEMP	ENTERING WB TEMP	LEAVING DB TEMP	LEAVING WB TEMP	ENTERING FLUID TEMP	LEAVING FLUID TEMP	FLUID FLOW RATE	PERCENT GLYCOL	TOTAL CAPACITY	SENSIBLE CAPACITY	LATENT CAPACITY	ENTERING DB TEMP	LEAVING DB TEMP	ENTERING FLUID TEMP	LEAVING FLUID TEMP	FLUID FLOW RATE	PERCENT GLYCOL	STEAM PRESSURE	TOTAL CAPACITY	SENSIBLE CAPACITY
4		DX	5520	78.0°F	78.0°F	72.8°F	72.8°F	---	---	---	---	119.6 MBH	30.8 MBH	88.8 MBH	---	---	---	---	---	---	---	---	---

FAN OPTIONS

FAN UNIT NO	TAG	QTY	DESCRIPTION
1		1	GREASE BOX.
		1	UPBLAST FAN WHEEL ACCESS PORT.
		1	2 YEAR PARTS WARRANTY.
2		1	GREASE BOX.
		1	UPBLAST FAN WHEEL ACCESS PORT.
		1	2 YEAR PARTS WARRANTY.
3		1	1 15-BDD DAMPER.
		1	2 YEAR PARTS WARRANTY.
4		1	10 TON 2 CIRCUIT (5/5) MODULAR PACKAGED COOLING OPTION FOR SIZE 3 MUA (3,600 TO 6,000 CFM), 208V/230V, 3 PHASE. COOLING THERMOSTAT OR PROGRAMMABLE STAT REQUIRED FOR PROPER OPERATION.
		1	MOD PACKAGE UNIT AC CONTROLS FOR UNTEMPERED FANS.
		1	INSULATED BLOWER SECTION SIZE 3 COMMERCIAL MODULAR.
		1	SHIP CONDENSERS LOOSE. TWO CONDENSERS, THREE PHASE. CONDENSER DISCONNECTS SHIPPED LOOSE.
		1	CONDENSER SUPPORT FOR SIZE 3 MOD PACKAGE UNIT.
		1	SEPARATE 120V WIRING PACKAGE (REQUIRED AND USED ONLY FOR DCV OR PREVIRE WITH VFD) - THREE PHASE ONLY.
		1	2 YEAR PARTS WARRANTY.

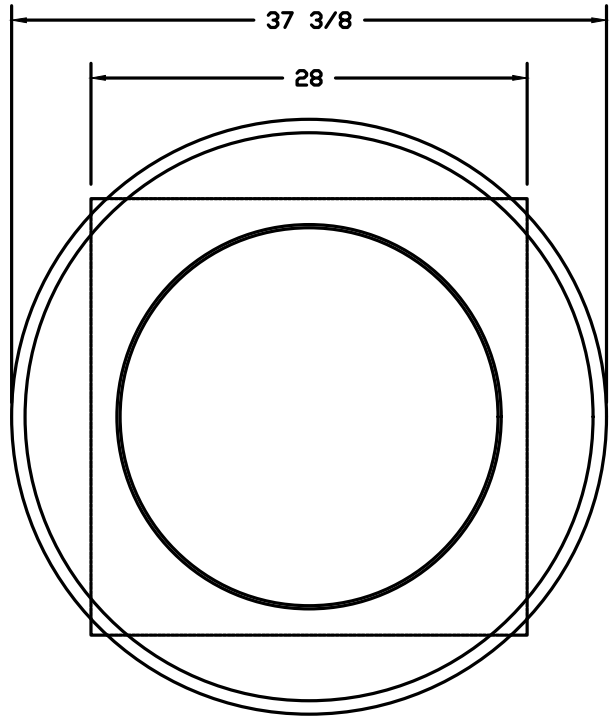
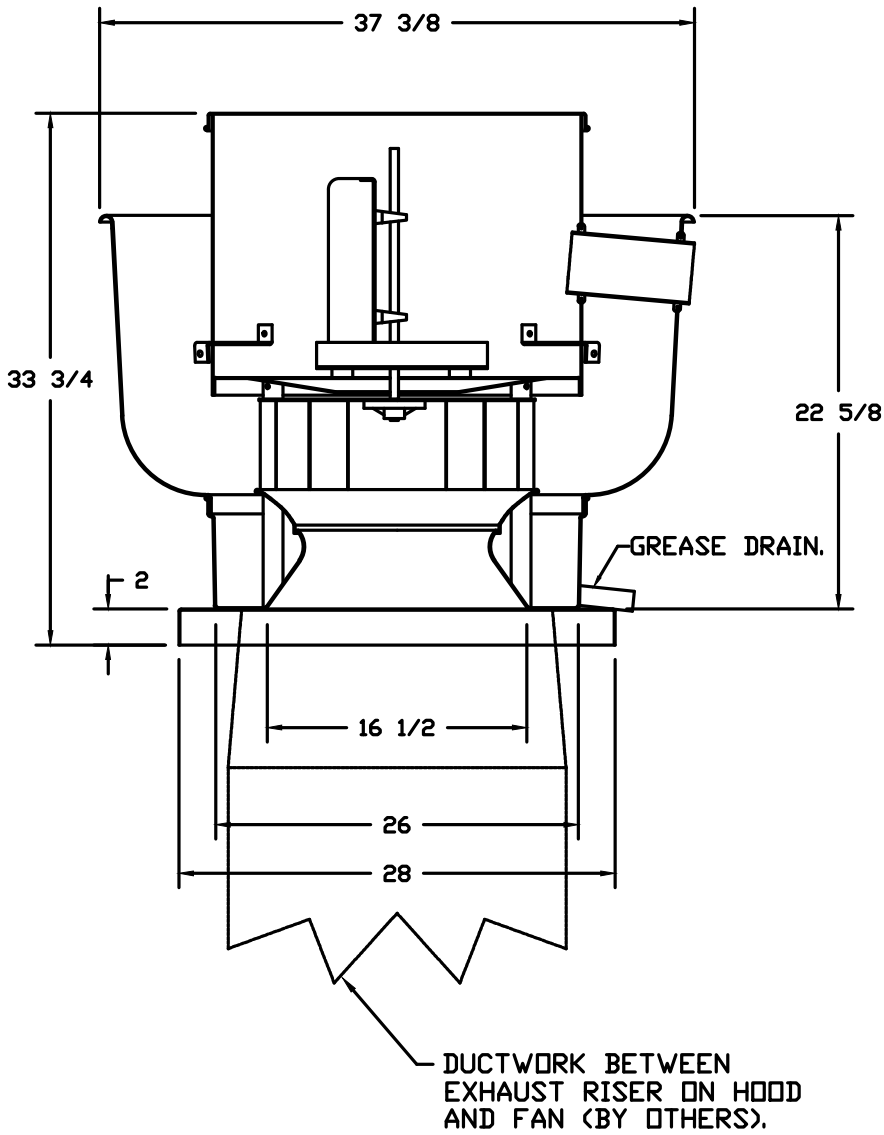
FAN ACCESSORIES

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

CURB ASSEMBLIES

NO	ON FAN	WEIGHT	ITEM	SIZE
1	# 1	38 LBS	CURB	26.500"W X 26.500"L X 24.000"H VENTED HINGED.
2	# 2	38 LBS	CURB	26.500"W X 26.500"L X 24.000"H VENTED HINGED.
3	# 3	18 LBS	CURB	19.500"W X 19.500"L X 12.000"H .
4	# 4	108 LBS	RAIL	6.000"W X 35.000"L X 20.000"H.
	# 4		RAIL	6.000"W X 35.000"L X 20.000"H.
4	# 4	108 LBS	CURB	35.000"W X 35.000"L X 20.000"H .

FANS #1, #2 – EABDU18 EXHAUST FAN



TOP VIEW

FEATURES:

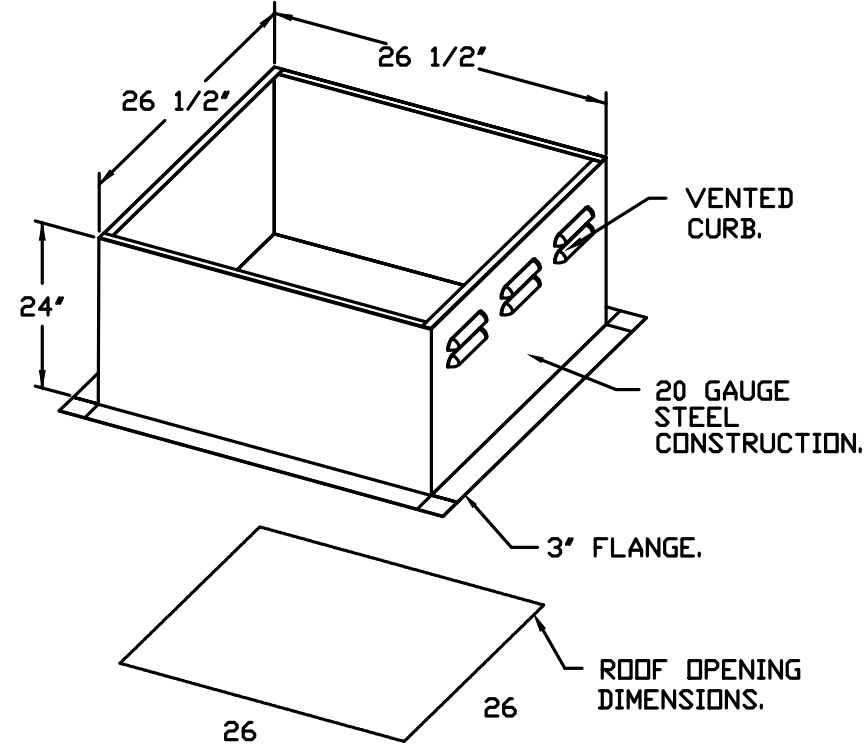
- ROOF MOUNTED FANS.
- RESTAURANT MODEL.
- UL705 AND UL762 AND ULC-S645.
- AMCA SOUND AND AIR CERTIFIED.
- WIRING FROM MOTOR TO DISCONNECT SWITCH.
- NEMA 3R SAFETY DISCONNECT SWITCH.
- HIGH HEAT OPERATION 300°F (149°C).
- GREASE CLASSIFICATION TESTING.

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 600°F (316°C) FOR A PERIOD OF 15 MINUTES WITHOUT THE FAN BECOMING DAMAGED TO ANY EXTENT THAT COULD CAUSE AN UNSAFE CONDITION.

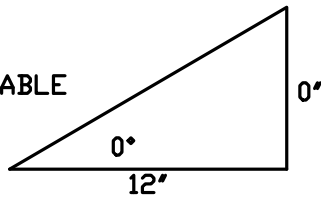
OPTIONS

- GREASE BOX.
- UPBLAST FAN WHEEL ACCESS PORT.
- 2 YEAR PARTS WARRANTY.



PITCHED CURBS ARE AVAILABLE FOR PITCHED ROOFS.

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



REVISIONS

DESCRIPTION	DATE



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Southern California Office

Panda Express – Tampa, FL (D8135)

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DATE: 2/18/2021

DWG.#: 4748429

DRAWN BY: AH-86

SCALE: 3/4" = 1'-0"

MASTER DRAWING

SHEET NO. 4



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REVISIONS:

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1	04.29.2021 ISSUE FOR PERMIT
2	06.04.2021 ISSUE FOR BID

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PANDA PROJECT #: - S8-22-D8135
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06.04.2021

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