



FAN #1 EABDU30HP - EXHAUST FAN (KEF-1)

**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.
- 2 YEAR PARTS WARRANTY.

**EXHAUST FAN INFORMATION**

FAN UNIT NO	TAG	QTY	FAN UNIT MODEL #	MANUFACTURER	CFM	ESP	RPM	MOTOR ENCL	HP	BHP	PHASE	VOLT	FLA	DISCHARGE VELOCITY	WEIGHT (LBS)	SONES
1	KEF-1	1	EABDU30HP	ECON-AIR	6300	1,500	776	ODP, PREMIUM	3,000	2,5400	3	208	8.7	981 FPM	434	15.1

**MUA FAN INFORMATION**

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)	SONES
2	KSF-1	1	EA-A1-G10	G10	A1	-	2520	0.500	877	ODP	1,500	0,8140	3	208	4.6	5.8A	15A	328	18.5
3	KSF-2	1	EA-A1-G10	G10	A1	-	2520	0.500	877	ODP	1,500	0,8140	3	208	4.6	5.8A	15A	328	18.5

**FAN OPTIONS**

FAN UNIT NO	TAG	QTY	DESCRIPTION
1	KEF-1	1	GREASE BOX.
1	KEF-1	1	2 YEAR PARTS WARRANTY.
2	KSF-1	1	2 YEAR PARTS WARRANTY.
3	KSF-2	1	2 YEAR PARTS WARRANTY.

**FAN ACCESSORIES**

FAN UNIT NO	TAG	EXHAUST	SUPPLY
1	KEF-1	GREASE CUP	GRAVITY DAMPER
2	KSF-1	YES	
3	KSF-2		

**CURB ASSEMBLIES**

NO	ON FAN	TAG	WEIGHT	ITEM	SIZE
1		KEF-1	45 LBS	EXHAUST ADAPTER	FROM 48,500"SQ TO 38,500"SQ X 9,000"H.
2	# 2		10 LBS	RAIL	4,000"W X 4,000"L X 36,000"H ALONG LENGTH, RIGHT.
3	# 3		10 LBS	RAIL	4,000"W X 4,000"L X 36,000"H ALONG LENGTH, RIGHT.
4		KSF-1	39 LBS	SUPPLY ADAPTER	FROM 49,000"SQ TO 31,500"SQ X 6,000"H.
5		KSF-2	39 LBS	SUPPLY ADAPTER	FROM 49,000"SQ TO 31,500"SQ X 6,000"H.



**DAMMON ENGINEERING, INC.**  
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NEW EXHAUST FAN  
**HONEY ISLAND ELEMENTARY**  
 500 S MILITARY ROAD  
 SLIDELL, LA 70461

JOB #:	2452	DATE:	11-17-2021
DRAWN BY:	CKD	CHECKED BY:	BAM

CHIEF ENGINEER: BRIAN A. MISTICH, P.E.  
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**MIOI**