

EXHAUST FAN INFORMATION - Job#3801812

FAN UNIT NO.	TAG	FAN UNIT MODEL #	CFM	ESP.	RPM	HP.	BHP.	#	VOL.T	FLA	DISCHARGE VELOCITY	WEIGHT (LBS.)	SIZE
1	HEF1	EAB80S	1800	1.000	1185	0.750	0.5470	1	115	6.8	570 FPM	170	18.6
2	HEF-2	1A33HFA	800	0.625	1460	0.333	0.2109	1	115	4.4	396 FPM	104	11.1

**FAN OPTIONS**

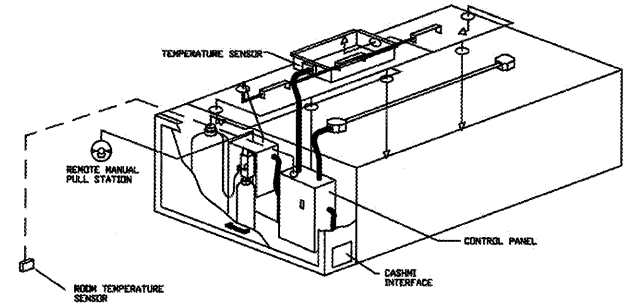
FAN UNIT NO.	TAG	OPTION (Qty. - Descr.)
1	HEF1	1 - Grease Box 1 - Full Crating For Exhaust Fans
2	HEF-2	1 - Grease Box 1 - Full Crating For Exhaust Fans 1 - ECM Wiring Package-Exhaust - Manual or 0-10VDC Reference Speed Control OHDC Motor?

**FAN ACCESSORIES**

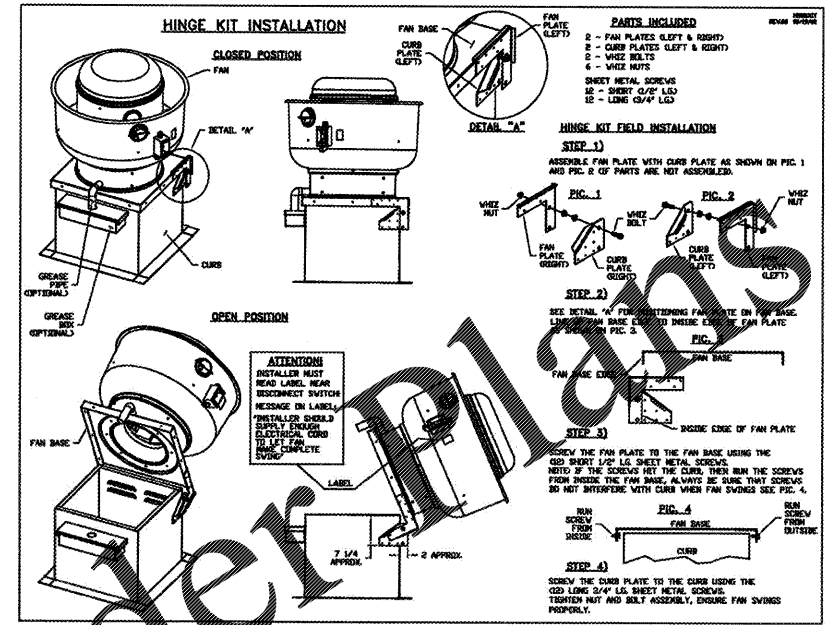
FAN UNIT NO.	TAG	EXHAUST	SUPPLY
		GREASE GRAVITY WALL SIDE GRAVITY MOTORIZED WALL	CLIP DAMPER MOUNT DISCHARGE DAMPER DAMPER MOUNT
1	HEF1	YES	
2	HEF-2	YES	

**CURB ASSEMBLIES**

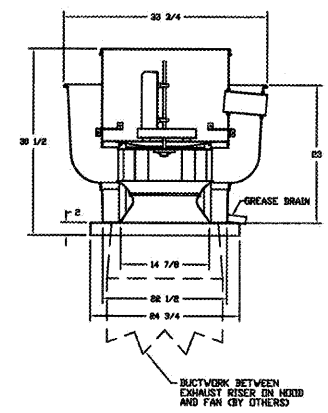
NO.	ON FAN	TAG	WEIGHT	ITEM	SIZE
1	1	HEF1	44 LBS	Curb	23.000" W x 23.000" L x 26.000" H Vented Hinged
2	2	HEF-2	40 LBS	Curb	19.500" W x 19.500" L x 22.000" H Vented Hinged



TYPICAL CONTROL CENTER INSTALLATION



FAN #1 LEARNER - EXHAUST FAN (HEF1)



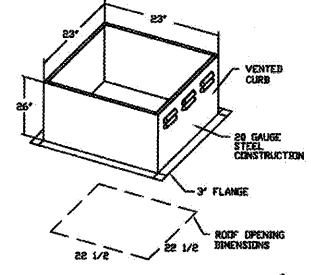
**FEATURES:**

- RSP HEATED FANS
- RESTAURANT MODEL
- UL700 AND UL629 AND ILC-2645
- AMCA 2000 AND AIR CERTIFIED
- VIBRATION FROM MOTOR TO DISCONNECT SWITCH
- WEATHERPROOF DISCONNECT
- HIGH HEAT OPERATION 300°F (150°C)
- GREASE CLASSIFICATION TESTING

**NORMAL TEMPERATURE TEST:** EXHAUST FAN MUST OPERATE CONTINUOUSLY WHILE EXHAUSTING AIR AT 300°F (150°C) UNTIL ALL FAN PARTS HAVE REACHED THERMAL EQUILIBRIUM, AND WITHOUT ANY DEGENERATING 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 30 MINUTES WITHOUT THE FAN BEING DAMAGED TO ANY EXTENT THAT WOULD CAUSE AN UNSAFE CONDITION.

**RETIERS:** GREASE BOX FULL CRATING FOR EXHAUST FANS.



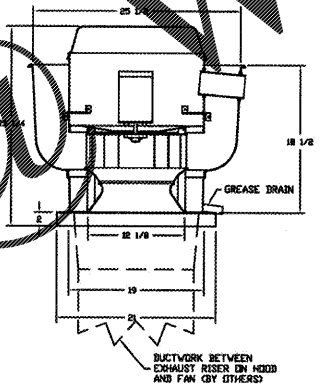
PITCHED CURBS ARE AVAILABLE FOR PITCHED ROOFS.

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

**\*\*\* NOTE \*\*\***

ALL WALLS THAT COME WITHIN 18" OF HOOD MUST BE METAL STUDS AND SHEETROCK. WOOD STUDS NOT ALLOWED.

FAN #2 LEARNER - EXHAUST FAN (HEF-2)



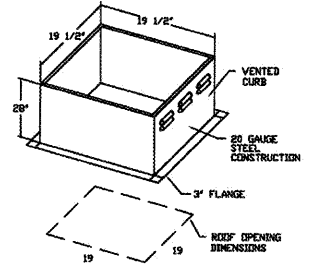
**FEATURES:**

- DIRECT DRIVE CONSTRUCTION AND BELTS/PULLEYS
- RSP HEATED FANS
- RESTAURANT MODEL
- UL700 AND UL629 AND ILC-2645
- VARIABLE SPEED CONTROL
- INTERNAL VIBRATION
- WEATHERPROOF DISCONNECT
- THERMAL OVERLOAD PROTECTION (CONSOLE PHASE)
- HIGH HEAT OPERATION 300°F (150°C)
- GREASE CLASSIFICATION TESTING

**NORMAL TEMPERATURE TEST:** EXHAUST FAN MUST OPERATE CONTINUOUSLY WHILE EXHAUSTING AIR AT 300°F (150°C) UNTIL ALL FAN PARTS HAVE REACHED THERMAL EQUILIBRIUM, AND WITHOUT ANY DEGENERATING 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 30 MINUTES WITHOUT THE FAN BEING DAMAGED TO ANY EXTENT THAT WOULD CAUSE AN UNSAFE CONDITION.

**RETIERS:** GREASE BOX FULL CRATING FOR EXHAUST FANS. ECM WIRING PACKAGE-EXHAUST - MANUAL OR 0-10VDC REFERENCE SPEED CONTROL. OHDC MOTOR.



PITCHED CURBS ARE AVAILABLE FOR PITCHED ROOFS.

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

FOR QUESTIONS, CALL THE PIERMONT NORTH CAROLINA OFFICE LONNIE GRANT (REGIONAL MANAGER) PHONE: 336-996-0484, FAX: 336-996-0418 EMAIL: reg30@captiveaire.com

CAPTIVE-AIRE HOODS ARE BUILT IN COMPLIANCE WITH

Inter-tek NFPA #96 NSF UL 710 & ULC710 STANDARDS E.T.L. LISTED 3054804-001

REVISIONS

NO.	DESCRIPTION	DATE
1		
2		
3		

**CAPTIVE-AIRE**

KRISPY KREME (270) CONCORD, NC

DATE: 10/31/2018

DWG. NO: KK270R-19

DRAWN BY: LAG

SCALE: NTS

FANS

SHEET NO. 2

project no. | KRKDS0003

owner



project info

CONCORD NORTH CAROLINA

**issue dates**

Submission:	Date
OWNER/ALL REVIEW	11/01/2018
BID SET	11/01/2018
PERMIT SET	11/01/2018

**revisions:**

#	Description	Date

FOR REFERENCE ONLY

sheet info

CAPTIVE-AIRE DRAWINGS

**M702**