

EXHAUST FAN INFORMATION - Job#2658653

FAN UNIT NO.	TAG	FAN UNIT MODEL #	CFM	ESP.	RPM	H.P.	B.H.P.	Ø	VOLT	FLA	WEIGHT (LBS.)	SDNES
1		NCA16FA	1854	1.250	1077	1.500	0.7970	1	230	6.8	204	12.7

MUA FAN INFORMATION - Job#2658653

FAN UNIT NO.	TAG	FAN UNIT MODEL #	BLOWER	HOUSING	CFM	ESP.	RPM	H.P.	B.H.P.	Ø	VOLT	FLA	WEIGHT (LBS.)	SDNES	BURNER EFFICIENCY(%)
2		A1-D.250-G10	G10D	A1-D.250	1187	0.350	1174	1.000	0.2390	1	230	6.1	646	22	92

GAS FIRED MAKE-UP AIR UNIT(S)

FAN UNIT NO.	TAG	INPUT BTUs	OUTPUT BTUs	TEMP. RISE	REQUIRED INPUT GAS PRESSURE	GAS TYPE
2		98934	91019	71 deg F	7 in. w.c. - 14 in. w.c.	Natural

FAN OPTIONS

FAN UNIT NO.	TAG	OPTION (Qty. - Descr.)
1		1 - Grease Box
		1 - Full Crating For Exhaust Fans
		1 - 3 Year Extended Motor Warranty
		1 - Extra Set of Belts
2		1 - Fan Base Ceramic Seal - For Grease Ducts
		1 - AC Interlock Relay - 24VAC Coil
		1 - Motorized Backdraft Damper for A1-D Housing
		1 - Full Crating For Commercial Heater
		1 - Low Fire Start
		1 - Inlet Pressure Gauge, 0-35'
		1 - Manifold Pressure Gauge, -5 to 15' wc
	1 - ECM Wiring Package For Heated Make Up Air Units - Manual Speed Control.	
	1 - 3 Year Extended Motor Warranty	

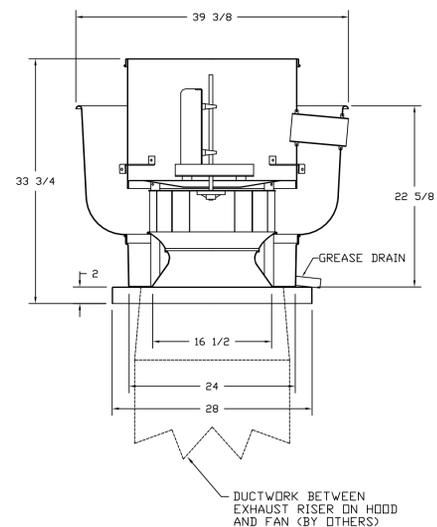
FAN ACCESSORIES

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

CURB ASSEMBLIES

NO.	DN FAN	WEIGHT	ITEM	SIZE
1	# 1	34 LBS	Curb	26.500"W x 26.500"L x 24.000"H 3.000:12.000 Pitch Vented Hinged
2	# 2	74 LBS	Curb	21.000"W x 71.000"L x 24.000"H 3.000:12.000 Pitch Along Width, Right Insulated

FAN #1 NCA16FA - EXHAUST FAN



FEATURES:

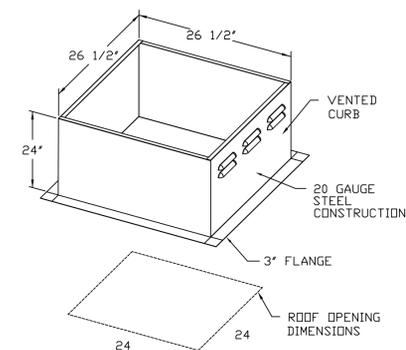
- ROOF MOUNTED FANS
- RESTAURANT MODEL
- UL705 AND UL762
- AMCA SOUND AND AIR CERTIFIED
- WIRING FROM MOTOR TO DISCONNECT SWITCH
- WEATHERPROOF DISCONNECT
- HIGH HEAT OPERATION 300°F (149°C)
- GREASE CLASSIFICATION TESTING

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
- FULL CRATING FOR EXHAUST FANS
- 3 YEAR EXTENDED MOTOR WARRANTY
- EXTRA SET OF BELTS
- FAN BASE CERAMIC SEAL - FOR GREASE DUCTS

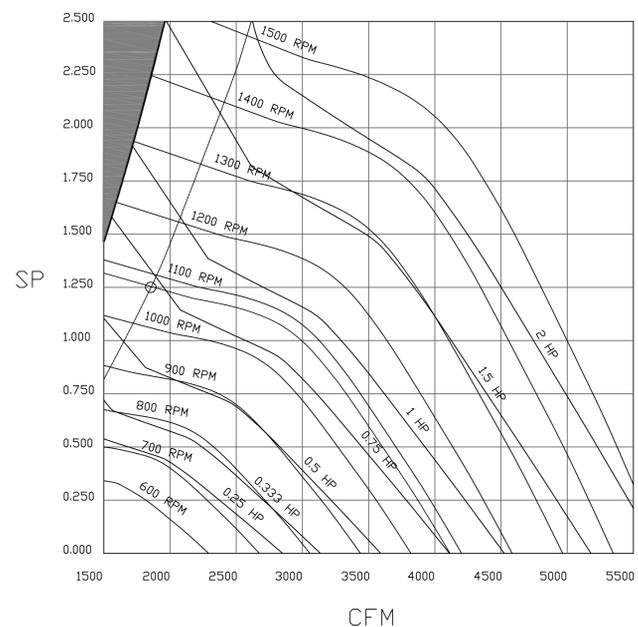


PITCHED CURBS ARE AVAILABLE FOR PITCHED ROOFS.

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

FAN#1 - EXHAUST PERFORMANCE CURVES.

1854 CFM, 1.25 SP @ 1077 RPM and 0.797 BHP at 86 feet and 70 deg F
* Please note that these curves were adjusted for job specific temperature and altitude.



REVISIONS

DESCRIPTION	DATE

CAPTIVE
MAINE OFFICE
www.captivefans.com
www.captivefans.com
PO Box 86, 179 South Rd., Topsham, ME 04490 PHONE: (207) 796-2590 FAX: (919) 227-5946 EMAIL: rsg2@captivefans.com

Tin Pan Bakery
897 Brighton Ave,
PORTLAND, ME, 04102

DATE: 5/16/2016
DWG.#: 2658653
DRAWN BY: BFC-21
SCALE: 3/4" = 1'-0"
MASTER DRAWING

SHEET NO. 4