

FAN UNIT NO.	TAG	FAN UNIT MODEL #	CFM	ESP.	RPM	H.P.	B.H.P.	Ø	VOLT	FLA	WEIGHT (LBS.)	SDNES
1		NCA16FA	3450	1.250	1230	2.000	1.3820	3	208	5.9	184	17.9
2		NCA16FA	3450	1.250	1230	2.000	1.3820	3	208	5.9	184	17.9
3		DD7FA	450	0.250	1134	0.250	0.0850	1	115	4.8	89	6.3

FAN UNIT NO.	TAG	FAN UNIT MODEL #	BLOWER	HOUSING	DESIGN CFM	ESP.	RPM	H.P.	B.H.P.	#	VOLT	FLA	COOLING COIL ENTERING DB TEMP.	COOLING COIL ENTERING WB TEMP.	COOLING COIL LEAVING DB TEMP.	COOLING COIL LEAVING WB TEMP.	COOLING COIL TOTAL CAPACITY	COOLING COIL SENSIBLE CAPACITY	COOLING COIL LATENT CAPACITY	WEIGHT (LBS.)	SONES
4		A3-G18	G18-PB	A3	5520	0.750	620	3.000	1.7960	3	208	8.7	95.0°F	78.0°F	81.9°F	72.9°F	120.0 MBH	77.9 MBH	42.1 MBH	1006	17.2

FAN UNIT NO.	TAG	OPTION (Qty. - Descr.)
1		1 - Grease Box 1 - Upblast Fan Wheel Access Port
2		1 - Grease Box 1 - Upblast Fan Wheel Access Port
3		1 - 1 15-BDD Damper
4		1 - 10 Ton, 2 Circuit, 208/230V 3 Phase Condenser Kit. 4-6 week lead time. 1 - DX Coil Module -3,000 to 7,000 CFM (10 Ton 2 Circuit Coil) 1 - DXM 3-1 Refrigeration Parts Kit - R410A 1 - Cooling Thermostat, 2 Stage, 10 degree differential. Ships Loose With Untempered Fan.

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					

NO.	DN FAN	WEIGHT	ITEM	SIZE	
1	# 1	34 LBS	Curb	26.500"W x 26.500"L x 24.000"H	Vented Hinged
2	# 2	34 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	48 LBS	Curb	35.000"W x 35.000"L x 20.000"H	
	# 4		Rail	6.000"W x 35.000"L x 20.000"H	

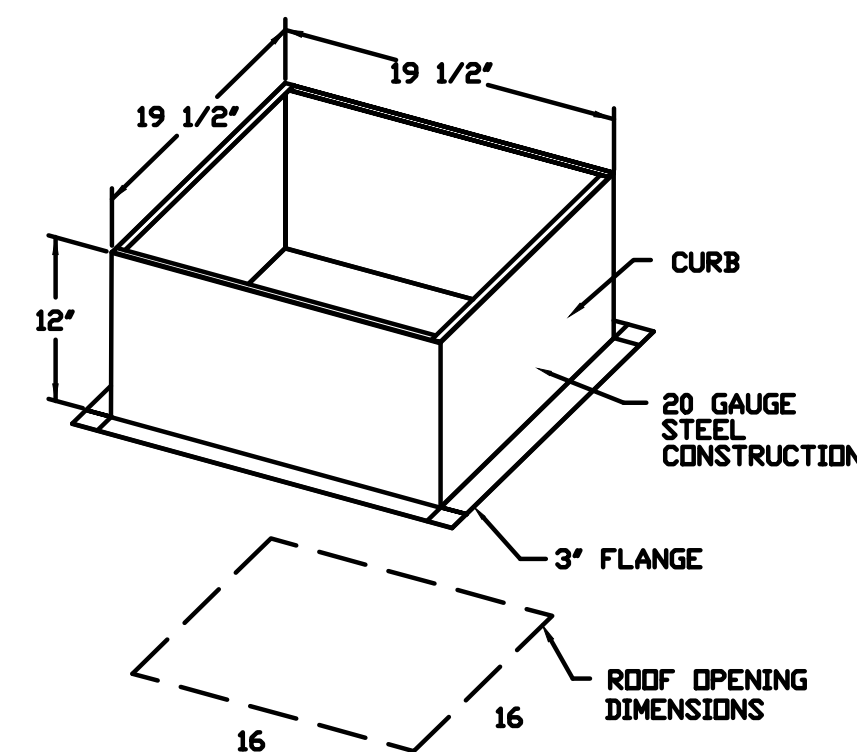
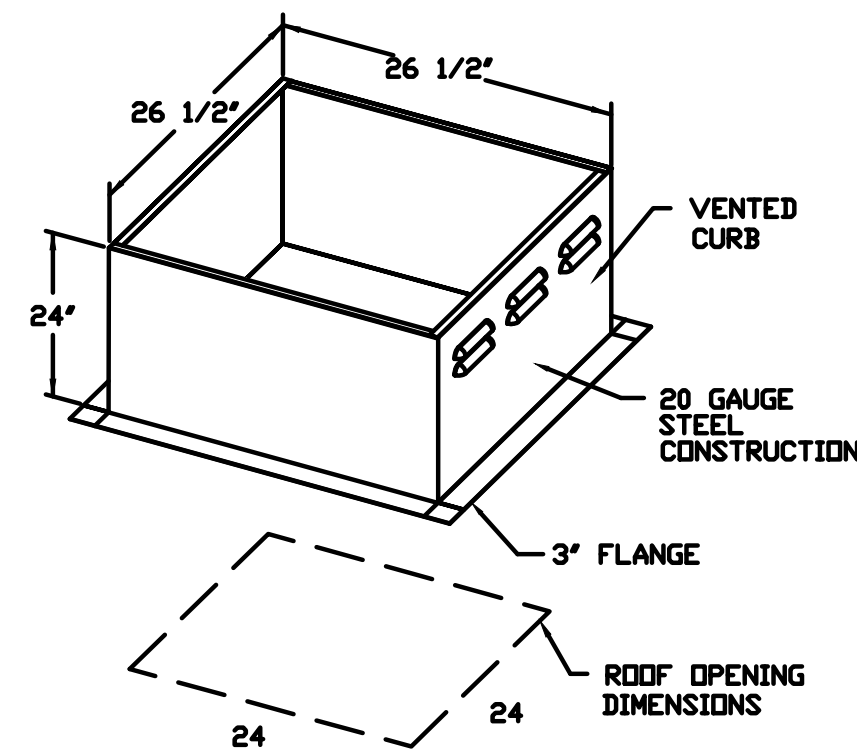
Technical drawing of a hood and fan assembly. The drawing shows a side view of the hood and a top view of the fan assembly. Dimensions are provided in inches and fractions of an inch. The hood has a total width of 39 3/8 inches and a height of 33 3/4 inches. The fan assembly has a total width of 22 5/8 inches and a height of 2 inches. The fan assembly is mounted on a base with a width of 16 1/2 inches. The base has a total width of 24 inches and a total height of 28 inches. A label 'GREASE DRAIN' points to a feature on the side of the hood. A label 'DUCTWORK BETWEEN EXHAUST RISER DN HOOD AND FAN (BY OTHERS)' points to the ductwork connecting the hood to the fan assembly.

- 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.

GREASE BOX  
UPBLAST FAN WHEEL ACCESS PORT



A cross-sectional diagram of a roof opening. A horizontal line represents the roof surface. Below it, a rectangular structure represents the backdraft damper. An arrow labeled "AIR FLOW" points upwards from the damper. The damper is labeled "BACKDRAFT DAMPER". Below the damper, a trapezoidal shape represents the roof opening, labeled "16 (ROOF OPENING)".

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1st	ISSUE FOR PERMIT	01-11-17

PANDA PROJECT #: S8-17-D5197  
ARCH PROJECT #: 1701

Project No.  
PE1701

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01/11/17

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HOOD DETAIL PLAN