

EXHAUST FAN INFORMATION - Job#3864344

FAN UNIT NO.	TAG	FAN UNIT MODEL #	CFM	ESP.	RPM	H.P.	B.H.P.	Ø	VOLT	FLA	DISCHARGE VELOCITY	WEIGHT (LBS.)	SONES
1		DU50HFA	900	1.100	1500	0.500	0.3680	3	208	2.0	342 FPM	87	15.9
2		DU180HFA	1812	1.150	1062	1.000	0.5440	3	208	3.8	418 FPM	148	12.4

CONDENSER DETAILS

FAN UNIT NO.	TAG	FAN UNIT MODEL #	CONDENSER NO.	TONNAGE	VOLTAGE	PHASE	FREQUENCY	MCA	RLA	MAX. FUSE SIZE	MIN. WIRE SIZE	SEER
3		A1-15D-MPU	1	2.5	208-230	3 PHASE	60 Hz	11.2 Amps	9.07 Amps	20 Amps	14 AWG	14
			2	2.5	208-230	3 PHASE	60 Hz	11.2 Amps	9.07 Amps	20 Amps	14 AWG	14

MUA FAN INFORMATION - Job#3864344

FAN UNIT NO.	TAG	FAN UNIT MODEL #	BLOWER	HOUSING	MIN CFM	DESIGN CFM	ESP.	RPM	H.P.	B.H.P.	Ø	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
3		A1-15D-MPU	15MF-1-MOD	A1	-	2170	0.575	2168	2.000	1.4340	3	208	6.1	100.0°F	65.0°F	73.2°F	55.9°F	54.1 MBH	54.1 MBH	0.0 MBH	1238	31

FAN OPTIONS

FAN UNIT NO.	TAG	OPTION (Qty. - Descr.)
1		1 - Grease Box
		1 - Fan Base Ceramic Seal - Ship Loose - For Grease Ducts
		1 - Grease Box
3		1 - 5 Ton 2 Circuit (2.5/2.5) Modular Packaged Cooling Option for Size 1 MUA (1,800 to 3,000 cfm), 208V/230V, 3 phase, Cooling Thermostat or Programmable Stat Required for Proper Operation.
		1 - Insulated Blower Section Size 1-2 Commercial
		1 - Mod Package Unit AC Controls for Untempered Fans
		1 - Condenser Support for Size 1 Mod Package Unit
		1 - Motorized Backdraft Damper for Size 1 Housing
		1 - Condenser Sled Option for size 1 double condenser MPUs.
		1 - Condensing Unit Locking Caps For Double Condenser Units.
		1 - Separate 120V Wiring Package (Required and used only for DCV or Prewire with VFD) - Three Phase Only

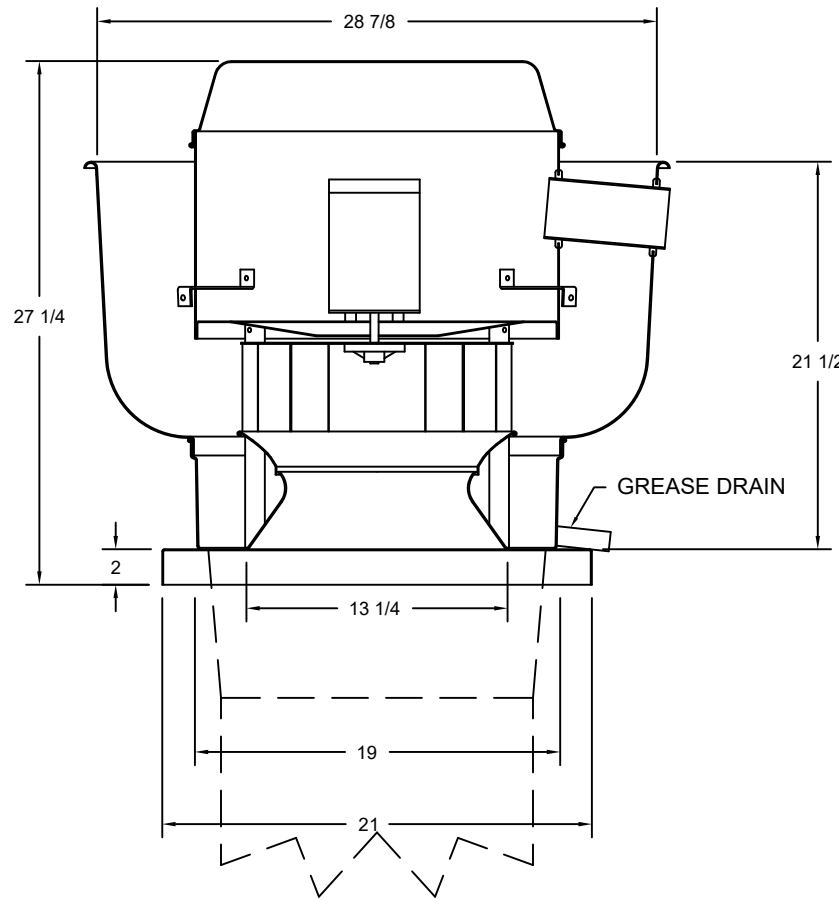
FAN ACCESSORIES

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	53 LBS	Curb	19.500"W x 19.500"L x 24.000"H Vented Hinged 16 Gauge
2	# 2	92 LBS	Curb	26.500"W x 26.500"L x 20.000"H Vented Hinged 16 Gauge
3	# 3	186 LBS	Rail	6.000"W x 21.000"L x 15.000"H
	# 3		Rail	6.000"W x 21.000"L x 15.000"H
	# 3		Rail	6.000"W x 21.000"L x 15.000"H
	# 3		Rail	6.000"W x 21.000"L x 15.000"H
3	# 3	186 LBS	Curb	21.000"W x 21.000"L x 15.000"H 16 Gauge

FAN #1 DU50HFA - EXHAUST FAN



FEATURES:

- DIRECT DRIVE CONSTRUCTION (NO BELTS/PULLEYS)
- ROOF MOUNTED FANS
- RESTAURANT MODEL
- UL705 AND UL762 AND ULC-S645
- VARIABLE SPEED CONTROL
- INTERNAL WIRING
- WEATHERPROOF DISCONNECT
- THERMAL OVERLOAD PROTECTION (SINGLE PHASE)
- HIGH HEAT OPERATION 300°F (149°C)
- GREASE CLASSIFICATION TESTING

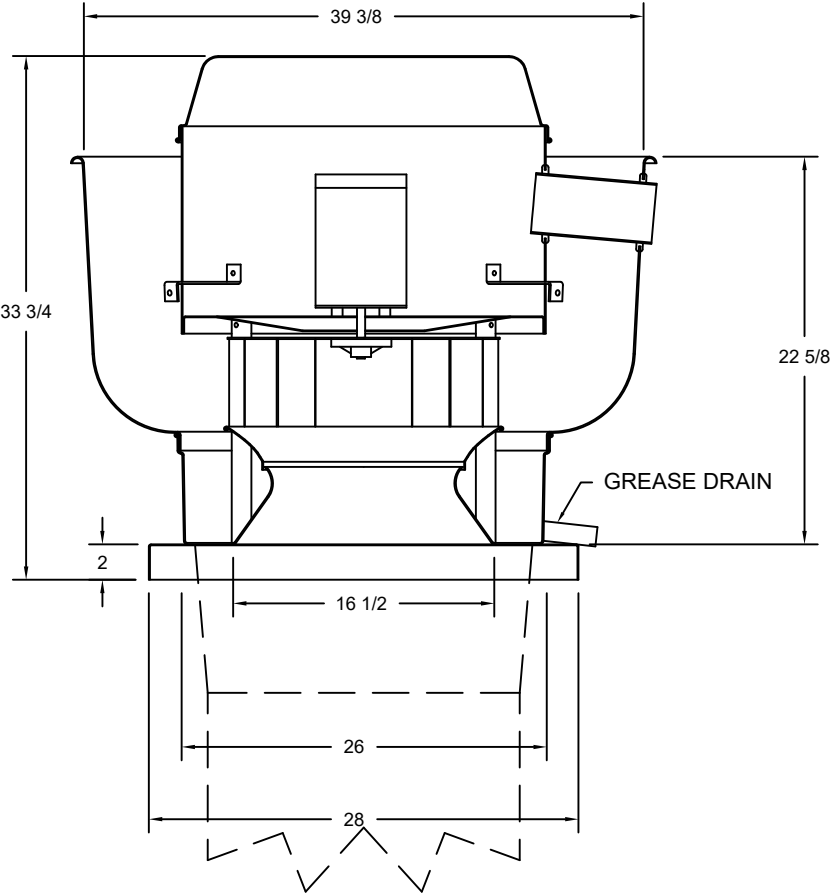
**NORMAL TEMPERATURE TEST**  
EXHAUST FAN MUST OPERATE CONTINUOUSLY WHILE EXHAUSTING AIR AT 300°F (149°C) UNTIL ALL FAN PARTS HAVE REACHED THERMAL EQUILIBRIUM, AND WITHOUT ANY DETERIORATING EFFECTS TO THE FAN WHICH WOULD CAUSE UNSAFE OPERATION.

**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.  
FAN BASE CERAMIC SEAL - SHIP LOOSE - FOR GREASE DUCTS.

FAN #2 DU180HFA - EXHAUST FAN



FEATURES:

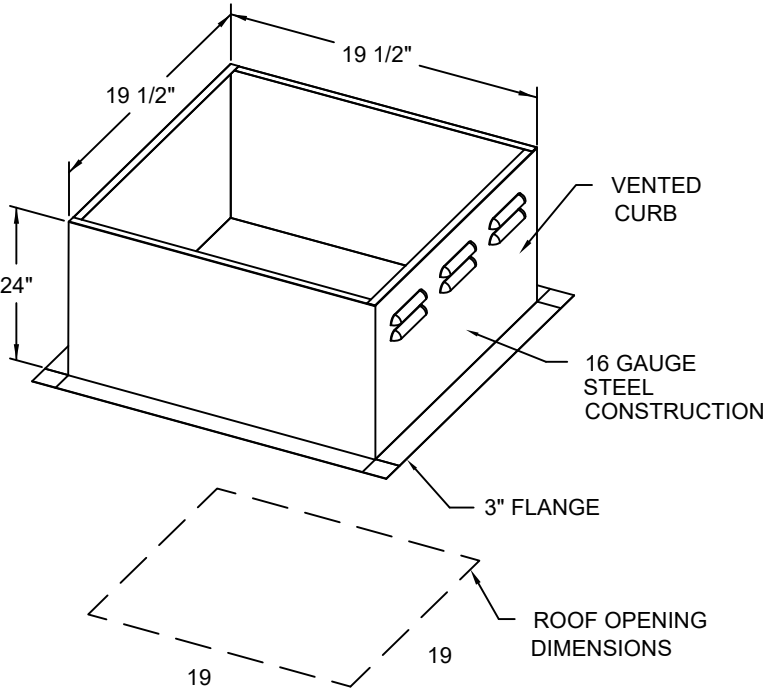
- DIRECT DRIVE CONSTRUCTION (NO BELTS/PULLEYS)
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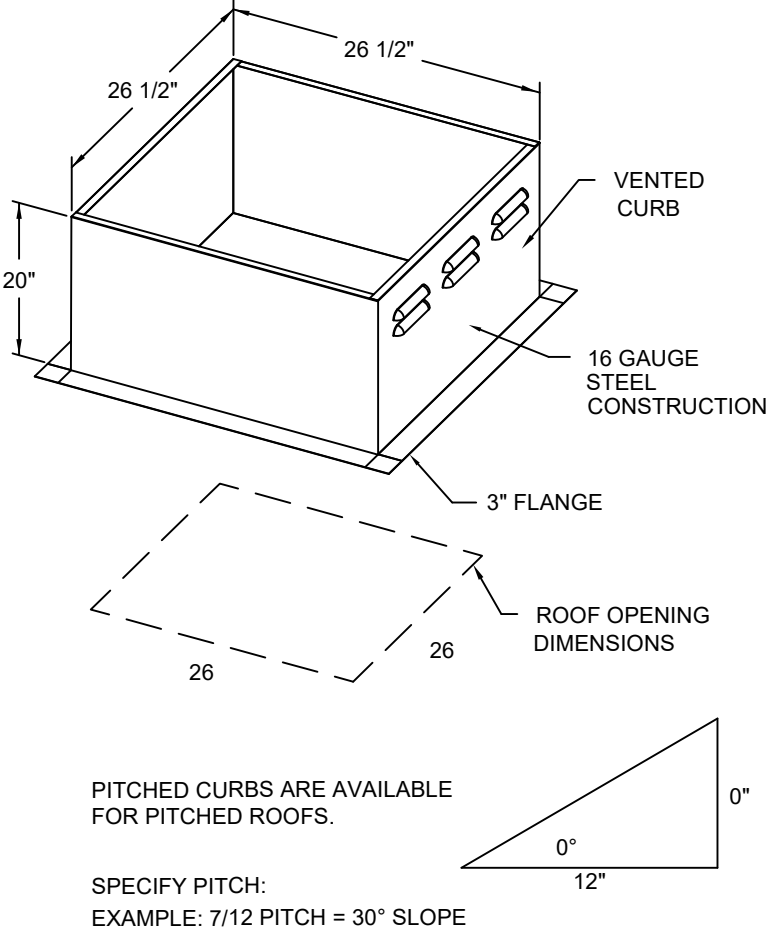
OPTIONS

GREASE BOX.



PITCHED CURBS ARE AVAILABLE FOR PITCHED ROOFS.

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

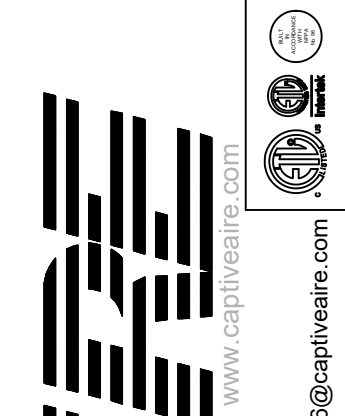


PITCHED CURBS ARE AVAILABLE FOR PITCHED ROOFS.

SPECIFY PITCH:  
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REVISIONS

DESCRIPTION	DATE:
Δ	
Δ	
Δ	
Δ	
Δ	



**CAPTIVE**  
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SNS LANCASTER, CA  
LANCASTER, CA, 93536

DATE: 6/11/2019

DWG.#:  
3864344

DRAWN BY:  
DCM-56

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

MASTER DRAWING

SHEET NO.  
4



TENANT IMPROVEMENT FOR



1966 WEST AVE. L  
LANCASTER, CA

4-24-18 BUILDING DEPT SUBMITTAL

1  
2  
3  
4

EXHAUST  
HOOD SHOP  
DRAWING

FS-5.4