

FAN UNIT NO.	TAG	FAN UNIT MODEL #	CFM	ESP.	RPM	H.P.	B.H.P.	Ø	VOLT	FLA	DISCHARGE VELOCITY	WEIGHT (LBS.)	SONES
1		NCA16FA	3450	1.250	1223	2.000	1.3860	3	208	5.9	797 FPM	184	17.6
2		NCA16FA	3450	1.250	1223	2.000	1.3860	3	208	5.9	797 FPM	184	17.6
3		DD7FA	450	0.250	1128	0.250	0.0850	1	115	4.8		89	6.2

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.)	SDNES	BURNER EFFICIENCY(%)
4		A3-D.500-G18	G18-PB	A3-D.500	3500	5520	0.750	922	5.000	3.7620	3	208	15.0	95.0°F	78.0°F	81.9°F	72.9°F	120.0 MBH	77.9 MBH	42.1 MBH	1701	17.7	92

FAN UNIT NO.	TAG	INPUT BTUs	OUTPUT BTUs	TEMP. RISE	REQUIRED INPUT GAS PRESSURE	GAS TYPE
4		407160	374587	65 deg F	7 in. w.c. - 14 in. w.c.	Natural

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 1/2" BDD Damper
4		1 - AC Interlock Relay - 24VAC Coil 1 - Low Fire Start 1 - Inlet Pressure Gauge, 0-35" 1 - Manifold Pressure Gauge, -5 to 15" wc 1 - Motorized Backdraft Damper for A3-D Housing 1 - DX Coil Module -3,000 to 7,000 CFM (10 Ton 2 Circuit Coil) 1 - Downturn Plenum for Size 3 DX Coil Module 1 - 10 Ton, 2 Circuit, 208/230V 3 Phase Condenser Kit. 4-6 week lead time. 1 - Curb Duct Hanger 1 - Cooling Thermostat and Relay (Not req for evap) 1 - DXM 3-1 Refrigeration Parts Kit - R410A 1 - VAV Package w/ Manual Control (VFD Included) 1 - VFD factory mounted and wired in commercial control vestibule for tempered supply 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					
4							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	30 LBS	Rail	6.000"W x 35.000"L x 20.000"H	
4	# 4	82 LBS	Curb	35.000"W x 84.000"L x 20.000"H	Insulated

FOR QUESTIONS CALL THE
CAPTIVEAIRE
SOUTHERN CALIFORNIA OFFICE
STONE MILL DESIGN CENTER
2915 RED HILL AVE, SUITE C106
COSTA MESA, CA 92626
TEL: 800-967-7701 EMAIL: REG86@CAPTIVEAIRE.COM

Technical drawing of a hood and fan assembly. The drawing shows a top-down view of the hood with a central fan unit. Dimensions are provided in inches:

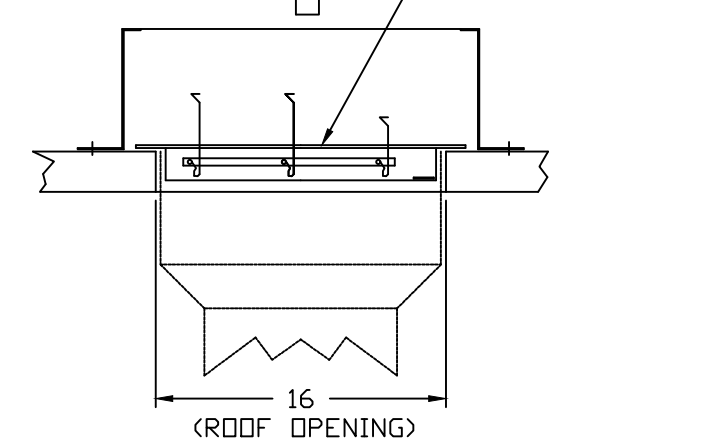
- Overall width: 39 3/8
- Overall height: 33 3/4
- Height from the bottom of the hood to the top of the fan unit: 22 5/8
- Width of the fan unit: 16 1/2
- Width of the base: 26
- Width of the base including the ductwork: 28
- Label: GREASE DRAIN
- Label: DUCTWORK BETWEEN EXHAUST RISER ON HOOD AND FAN (BY OTHERS)

GREASE BDX
UPBLAST FAN WHEEL ACCESS PORT

I 15-BDD DAMPER

AIR FLOW

 BACKDRAFT DAMPER



Panda Express - Chester VA (S8-19-D5960)
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SHEET NO.
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