

FAN UNIT NO	TAG	QTY	FAN UNIT MODEL #	MANUFACTURER	CFM	ESP	RPM	MOTOR ENCL	HP	BHP	PHASE	VOLT	FLA	DISCHARGE VELOCITY	WEIGHT (LBS)	SDNES
1		1	DUI80HFA	CAPTIVEAIRE	3400	1.588	1399	ODP-PREMIUM	3.000	1.9700	3	208	9.5	785 FPM	189	21
2		1	DUI80HFA	CAPTIVEAIRE	2900	1.178	1199	ODP-PREMIUM	2.000	1.2400	3	208	8.3	670 FPM	188	17.1
3		1	DR12HFA	CAPTIVEAIRE	450	0.250	1220	TEAO-ECM	0.250	0.0810	1	115	2.9	3	49	6.4

FAN UNIT NO	TAG	FAN UNIT MODEL #	CONDENSER NO	TONNAGE	VOLTAGE	PHASE	FREQUENCY	MCA	RLA	MAX FUSE SIZE	MIN WIRE SIZE	SEER
4		A3-D.500-24D-MPU	1	5	208-230	3 PHASE	60 HZ	21.4 AMPS	17.4 AMPS	30 AMPS	10 AWG	14
			2	5	208-230	3 PHASE	60 HZ	21.4 AMPS	17.4 AMPS	30 AMPS	10 AWG	14

FAN UNIT NO	TAG	QTY	FAN UNIT MODEL #	BLOWER	HOUSING	MIN CFM	DESIGN CFM	ESP	RPM	MOTOR ENCL	HP	BHP	PHASE	VOLT	FLA	MCA	MOCp	WEIGHT (LBS)	SONES
4		1	A3-D.500-24D-MPU	24MF-3-MOD	A3-D.500	3600	5040	0.900	1450	ODP, PREMIUM	7.500	5.1920	3	208	21.1	27.6A	45A	1905	14.7

[illegible]

FAN UNIT NO	TAG	INPUT BTUs	OUTPUT BTUs	TEMP RISE	REQUIRED INPUT GAS PRESSURE	GAS TYPE	BURNER EFFICIENCY(%)
4		539830	496644	100°F	7 IN. W.C. - 14 IN. W.C.	NATURAL	92

FAN UNIT NO	TAG	QTY	DESCRIPTION
1		1	GREASE BOX
		1	UPBLAST FAN WHEEL ACCESS PORT
		1	FAN BASE CERAMIC SEAL - INSTALLED AT PLANT - FOR GREASE DUCTS
2		1	2 YEAR PARTS WARRANTY
		1	GREASE BOX
		1	UPBLAST FAN WHEEL ACCESS PORT
		1	FAN BASE CERAMIC SEAL - INSTALLED AT PLANT - FOR GREASE DUCTS
		1	2 YEAR PARTS WARRANTY
3		1	ECM WIRING PACKAGE - MANUAL DR 0-10VDC REFERENCE SPEED CONTROL (TELCO MOTOR), CCW ROTATION
		1	1 1/2-BDD DAMPER
		1	2 YEAR PARTS WARRANTY
		1	INLET PRESSURE GAUGE, 0-35"
		1	MANIFOLD PRESSURE GAUGE, -5 TO 15" WC
		1	MOTORIZED BACKDRAFT DAMPER FOR A3-D HOUSING - MEETS AMCA CLASS 1A RATING
4		1	10 TON 2 CIRCUIT (5/5) MODULAR PACKAGED COOLING OPTION FOR SIZE 3 DF/EH MUA (3,600 TO 6,000 CFM), 208V/230V, 3 PHASE. COOLING THERMOSTAT OR PROGRAMMABLE STAT REQUIRED FOR PROPER OPERATION
		1	DOWNTURN PLENUM FOR SIZE 3 DX COIL MODULE
		1	SHIP CONDENSERS LOOSE - TWO CONDENSERS, THREE PHASE - CONDENSER DISCONNECTS SHIPPED LOOSE
		1	FREEZE/STAT
		1	UNIT MOUNTED VFD FOR USE WITH ECPM03
		1	2 YEAR PARTS WARRANTY

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	ON FAN	WEIGHT	ITEM	SIZE
1	# 1	34 LBS	CURB	26.500"W X 26.500"L X 30.000"H ALONG LENGTH, RIGHT VENTED HINGED.
2	# 2	34 LBS	CURB	26.500"W X 26.500"L X 30.000"H ALONG LENGTH, RIGHT VENTED HINGED.
3	# 3	16 LBS	CURB	17.500"W X 17.500"L X 12.000"H ALONG LENGTH, RIGHT.
4	# 4	114 LBS	CURB	35.000"W X 84.000"L X 20.000"H ALONG WIDTH, RIGHT INSULATED.
	# 4		RAIL	6.000" W X 35.000" L X 20.000" H RIGHT.

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.

GREASE BOX.
UPBLAST FAN WHEEL ACCESS PORT.
FAN BASE CERAMIC SEAL - INSTALLED AT
PLANT - FOR GREASE DUCTS.
2 YEAR PARTS WARRANTY.

PITCHED CURBS ARE AVAILABLE FOR PITCHED ROOFS.

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



The diagram shows a right-angled triangle representing a roof pitch. The horizontal base is labeled '12'' and the vertical height is labeled '7''. The angle at the bottom-left vertex is labeled '30°'.

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2	SOLUTION F.2 09.30.21
3	OWNER REVISIONS 01.

ISSUE FOR PERMIT	01-29-2
ISSUE FOR BID	04-30-2
ISSUE FOR BID 2	11-02-2
ISSUE FOR BID (DT)	02-04-22

PANDA PROJECT #: D8164

PANDA STORE #: -

ARCH PROJECT #: 261-321



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FOR INFORMATION ONLY

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M-403

HOOD DETAIL PLAN

TRUE WARM & WELCOME 2300 R6

ISSUE FOR PERMIT 11-02-21

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