

ADWEST UTILITY SPECIFICATION SHEET

ELECTRICAL SPECIFICATIONS FOR ENCLOSURE CP101

EQUIPMENT MODEL: RTO 10.0-95 THERMAL OXIDIZER					TOTAL RTO KVA: 110.0					
MAIN VOLTAGE: 460V/3Ph/60Hz					RTO CP101 MAIN DISC SIZE: 200 AMP					
CONTROL VOLTAGE: 115V/1Ph/60Hz					MOTOR MTR102 DISC SIZE: 30 AMP					
MOTOR	HP	RPM	FLA	S.F.	VFD SIZE	FUSE SIZE	PH \emptyset	STARTER SIZE	HEATER SIZE	NOTES
SYSTEM FAN MTR101	100	1800	124A	1.15	142A	200A	3	 	 	LOCATED IN CP101
COMB BLOWER MTR102	5	3600	7.6A	1.15	 	10A	3	9A	VAR.	LOCATED IN CP101
TRANSFORMER XF1	3.0 KVA		6.52A			10A	2			LOCATED IN CP101
TOTAL FLA:			138.1							

FUEL AND AIR SPECIFICATIONS

SERVICE	CFH	SCFH	PSIG	MAX PSI	DEW POINT	NPT INLET SIZE	NOTES
NATURAL GAS	2,890	-	5	10	 	1.25"	1000 BTU/CU. FT.
PROPANE	-	-	-	-	 	-	2350 BTU/CU. FT.
INSTRUMENT AIR	720	-	90	125	-40°F	.75"	ADD A SECONDARY DRYER, IF NEEDED

NOTES:

1. CUSTOMER IS RESPONSIBLE FOR ENSURING THAT ALL ELECTRICAL AND GAS CODES ARE MET.
2. TOTAL KVA = FLA * 460V * (1.732) / 1000.
3. ALL STARTER AND HEATER SIZES ARE BASED ON ALLEN BRADLEY COMPONENTS.
4. MOTOR FULL LOAD AMPS ARE BASED ON NEC TABLE 430-150.
5. 460/3/60VAC FEEDERS AND FUSED DISCONNECT IS CUSTOMER SUPPLIED, UNLESS OTHERWISE STATED.
6. VFD IS A STAND ALONE DEVICE WITH FEEDERS AND FUSED DISCONNECT BY CUSTOMER, UNLESS OTHERWISE STATED.
7. HIGH FIRE RATE IN BTU/HR = SCFH NATURAL GAS * 1000 BTU/CU FT (SCFH PROPANE * 2350)
8. RECOMMENDED MOTOR FUSE: REFERENCE ELECTRICAL SCHEMATICS FOR CLASS/TYP
9. PNEUMATIC AIR SUPPLY MUST BE DRY (-40° DP) OR FREEZE UP CAN OCCUR BELOW 32°F AMBIENT

REV REVISION DESCRIPTION:

BY DATE APPD

ADWEST TECHNOLOGIES, INC.

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TITLE: UTILITY SPECIFICATION SHEET
RTO 10.0-95

PLOT DATE	1:1	DWG SCALE:	1:1
		DRAWN BY:	JMM
		DATE:	10/28/11
		CHECKED:	BP
	APPROVED:	JMM	

DWG NO: 2639-400-30

REV: . SHEET: 1 OF 1 SIZE: