

- ① OZONE OUT  
1/4" FPT ST. STEEL BULKHEAD
- ② COOLING WATER OUT  
1/4" FPT BRASS BULKHEAD
- ③ COOLING WATER IN  
1/4" FPT BRASS BULKHEAD
- ④ INCOMING POWER CONNECTION

**HECD-65-50 GENERAL SPECIFICATIONS**

OVERALL DIMENSIONS:	36" X 52.75" X 20.5"
MOUNTING DIMENSIONS:	36" X 19"
NET WEIGHT:	APPROX 220 LB
ENCLOSURE MATERIAL:	STEEL, 14 GA
ENCLOSURE COLOR:	WHITE POWDERCOAT
POWER REQUIREMENT:	APPROX 2.5 KW
VOLTAGE REQUIREMENT:	230 VAC
FREQUENCY:	50 HZ
CURRENT REQUIREMENT:	13 A
FUSE:	NA
CORD:	NA
OZONE PRODUCTION:	65 G/HR +/- 10%
CONCENTRATION:	5.50%
FEEDGAS FLOWRATE:	30 SCFH (14 LPM)
OZONE OUTLET:	1/4" FPT
COOLING WATER:	1 GPM (3.8 LPM)
WATER INLET / OUTLET:	1/4" FPT
INLET PRESSURE:	15 - 40 PSI (100 - 275 KPA)
WATER TEMP:	50 ° F - 90° F (10 ° C - 35° C)
LOCATION REQUIREMENTS:	
MOUNTING:	BOLTED TO CONCRETE PAD IN CLEAN AREA
AMBIENT AIR TEMPERATURE**:	40 ° C - 104° F (4.4 ° C - 40° C)
VENTILATION:	6 AIR CHANGES PER HOUR (MIN)

\* TYPICAL POOL WATER MAY BE USED FOR COOLING. GENERATOR EFFICIENCY AND LIFE WILL BE IMPROVED AT INLET TEMPS OF 70° F OR LESS.

\*\* OPERATING THIS UNIT OUTSIDE THE LISTED TEMPERATURE RANGE MAY RESULT IN DAMAGE NOT COVERED UNDER THE MANUFACTURER'S WARRANTY.

**FEATURES**

COMPUTERIZED CONTROLLER WITH OPERATOR INTERFACE PANEL	
PROTECTION FROM	LOSS OF VACUUM
	FEED GAS PRESSURE FAILURE
	OVERHEATING
	CIRCULATION FAULT
	WATER BACK FLOW
DISPLAY PARAMETERS	HOURS OF OPERATION
	FEED GAS O2 CONCENTRATION

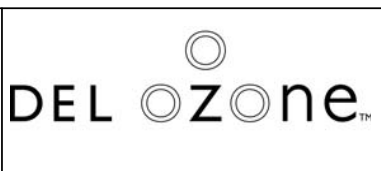
COMPLETE OZONE ISOLATION DURING SHUTDOWN	
STAINLESS STEEL, WATER COOLED GENERATOR MODULE	
ELECTRODES	COLD PLASMA
	MEDIUM FREQUENCY
	VERTICAL TUBE & SHELL
	GLASS TUBE DIELECTRIC
VARIABLE OUTPUT (0-100%)	
*TRUE* VACUUM OPERATION	
AIR INTERNALLY COMPRESSED, COOLED AND FILTERED	
AUTO FEED-GAS FLOW CONTROL TO MAINTAIN VACUUM	
ORP MONITOR CONTROLLER	
OXYGEN CONCENTRATOR: (1 PER UNIT)	
OXYGEN OUTPUT	30 SCFH @ 0-14 PSIG (MAX)
DEWPOINT	-100° C
OXYGEN PURITY	90% +/- 5%

B	4196	MODIFY TEMPERATURE SPECS	3/09/09
A	3898	INITIAL RELEASE	3/21/08
LTR:	ECN:	DESCRIPTION:	DATE:
REVISIONS:			

DIMENSIONS IN INCHES [mm]		APPROVALS:	DATE:
MATERIAL: VARIES		DRAWN: <b>AJ</b>	3/21/08
		ENGR. APPR:	2009.03.18
		<b>S. HEAD</b>	13:42:28 -07'00'
		MFG. APPR:	
FINISH:		Q.A. APPR:	

**PROPERTY OF DEL OZONE**

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TITLE: SPECIFICATION DRAWING HECD-65-50		
PART NUMBER: 4-1319-01	REV. B	SHEET: 1 of 1