


Specifications	
Model Number.....	HECD-65-51
Overall Dimensions.....	36" x 52.75" x 20.5"
Mounting Dimensions.....	36" x 19"
Net Weight.....	Approx 155 lb
Enclosure Material.....	Steel, 14 ga
Enclosure Color.....	White Powdercoat
Power Requirement.....	Approx 1.9 kW
Voltage Requirement.....	230 VAC
Frequency.....	50 Hz
Current Requirement.....	8 A
Fuse.....	NA
Cord.....	NA
Ozone Production.....	65 g/hr +/- 10%
Concentration.....	5.50%
Feedgas Flowrate.....	30 scfh
Ozone Outlet.....	1/4" FPT
Air Inlet.....	NA
Cooling Water:*.....	1 gpm (3.8 lpm)
Water Inlet / Outlet.....	1/4" FPT
Inlet Pressure.....	15 - 40 psi (100 - 275 kPa)
Operating Temperature.....	40 - 90° F (4 - 32° C)
Location Requirements:	
Mounting Dimensions.....	Bolted to concrete pad in clean area
Ambient Temperature**.....	40 - 90° F (4 - 32° C)
Ventillation.....	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/High 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%)	Adjust Using Integral Touchpad
"True" Vacuum Operation	
Auto feed-gas flow control to maintain vacuum	
Oxygen Requirement	
Oxygen Input.....	30 SCFH @ 14 psig (max)
Dewpoint.....	-73° C
Oxygen Purity.....	90% +/- 5%

<b>DIMENSIONS IN IN[MM]</b>		<b>APPROVALS:</b>	<b>DATE:</b>	<b>PROPERTY OF DEL OZONE</b> THIS DOCUMENT AND THE DATA DISCLOSED HEREIN IS PROPRIETARY. IT IS NOT TO BE REPRODUCED, USED, OR OTHERWISE DISCLOSED IN WHOLE, OR IN PART, TO ANYONE, WITHOUT WRITTEN CONSENT FROM DEL OZONE.	 advanced sanitation solutions	<b>TITLE:</b> SPECIFICATION DRAWING HECD-65-51		
TOLERANCES:		DRAWN:	11/08/2010			INTERPRET DRAWING PER ANSI Y14.5-1994	SIZE:	DWG. NO:
.x ± .1		AJACKSON				SCALE: 1:12	<b>B</b>	4-1644-01
.xx ± .02		ENGR. APPR:				DO NOT SCALE DRAWING		
.xxx ± .010		M:KIRKLANDE 2011.04.28 08:53:28 -0700					REV. SHEET:	
MATERIAL: SEE BOM		CHECKED:					A 1 OF 1	
FINISH: SEE BOM		Q.A. APPR:						

ALL	A	INITIAL RELEASE	4583	11/8/2010
ZONE	REV.	DESCRIPTION	ECN	DATE
REVISIONS				



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B FORMAT REV A