

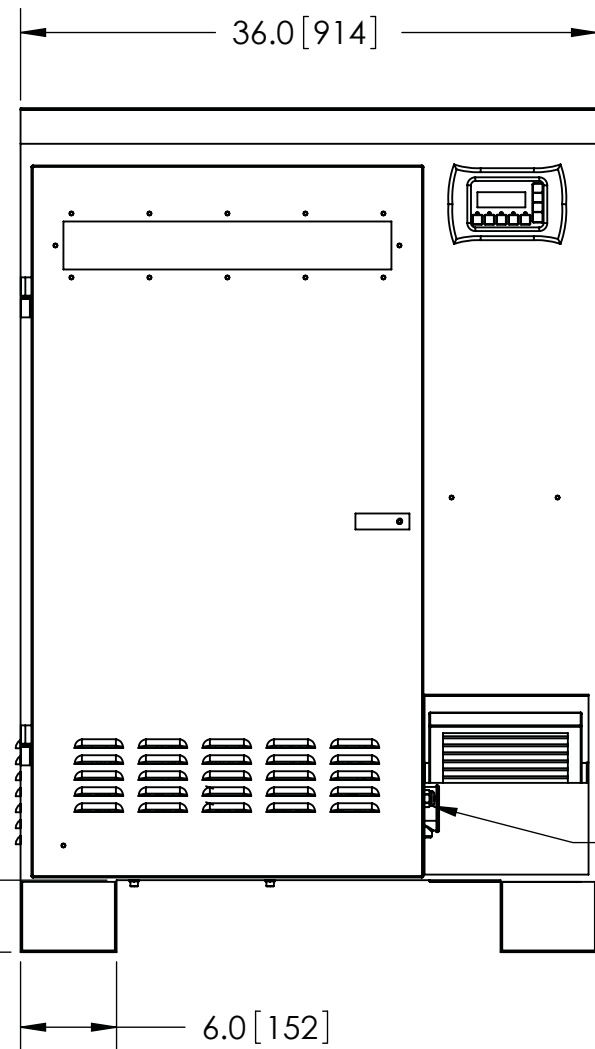
**HECD-65 General Specifications**

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
Voltage Requirement:	230 VAC +/- 10%
Frequency:	60 Hz
Current Requirement:	15 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:	1/2" 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)**
Ventilation:	6 Air changes per hour (min)

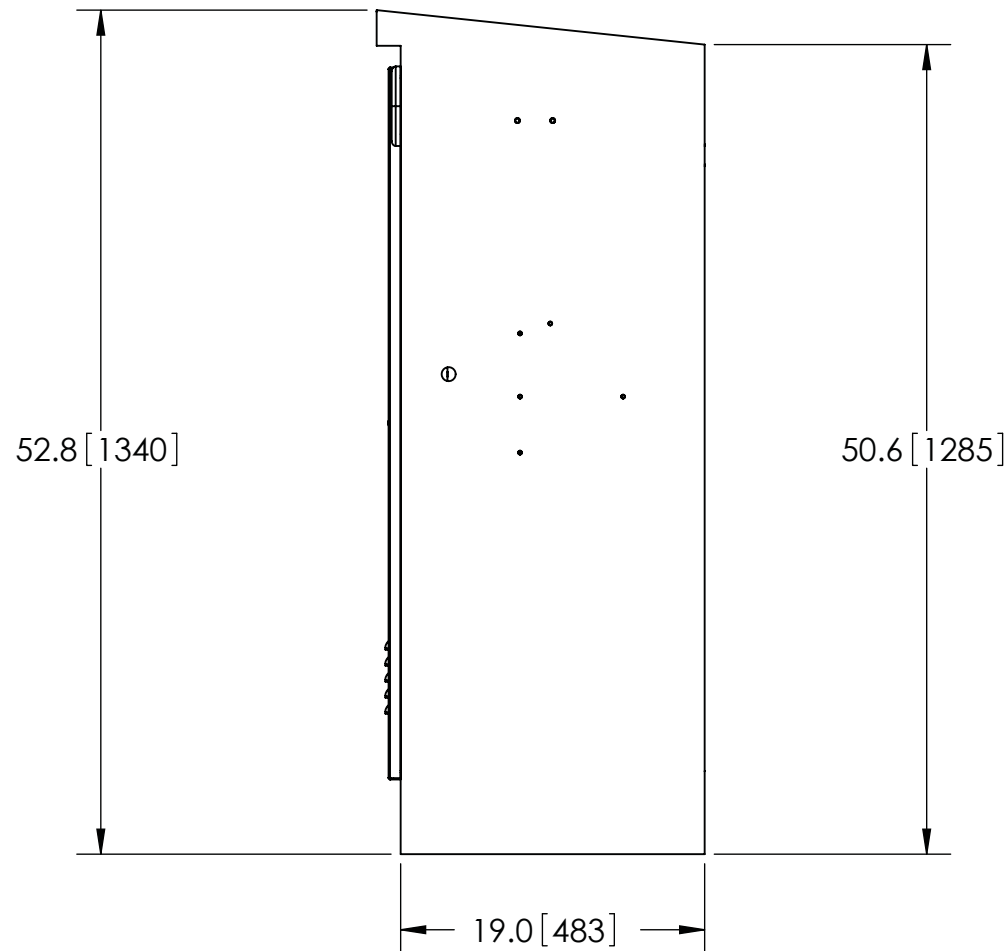
\* Typical pool water may be used for cooling. Generator efficiency and life will be improved at inlet temps of 70° F or less.  
 \*\* Operating this unit outside the listed temperature range may result in damage not covered under the manufacturer's warranty.

**Features**

<b>Computerized Controller with operator interface panel</b>	
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
<b>Complete Ozone Isolation During Shutdown</b>	
<b>Stainless Steel, Water Cooled Generator Module</b>	
Electrodes	Cold Plasma
	Medium Frequency
	Vertical Tube & Shell
	Glass Tube Dielectric
Variable Output (0-100%)	Adjust Using Integral Touchpad
<b>"True" Vacuum Operation</b>	
<b>Air internally compressed, cooled and filtered</b>	
<b>Auto feed-gas flow control to maintain vacuum</b>	
<b>Oxygen Preparation</b>	
Oxygen Output	30 SCFH @ 14 psig (max)
Dewpoint	-100° C
Oxygen Purity	90% +/- 5%



INPUT AND OUTPUT CONNECTIONS



50.6 [1285]

**DIMENSIONS IN IN[MM]**

TOLERANCES:	
.x ± .1	
.xx ± .02	ANGLES ± 1°
.xxx ± .010	
MATERIAL:	
FINISH:	

<b>APPROVALS:</b>	<b>DATE:</b>
DRAWN: AJACKSON	03/15/2010
ENGR. APPR: <i>fmartin</i>	12/2/14
CHECKED:	
Q.A. APPR:	

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INTERPRET DRAWING PER ANSI Y14.5-1994  
 SCALE: 1:12  
 DO NOT SCALE DRAWING

TITLE: SPECIFICATION DRAWING HECD-65

DWG. NO:	REV.:	SHEET:
4-1042-01	E	1 OF 1

8	7	6	5	4	3	2	1
E	D	C	REV.	DESCRIPTION	ECN	DATE	
UPDATE SPEC SHEET	UPDATE DRWAWINGS AND SPEC SHEETS	EDIT SPECIFICATIONS SECTION FOR ERRORS					
5407	4936	4623					
12/02/2014	8/14/2012	3/30/2011					
REVISIONS							

D  
C  
B  
A  
B FORMAT REV A