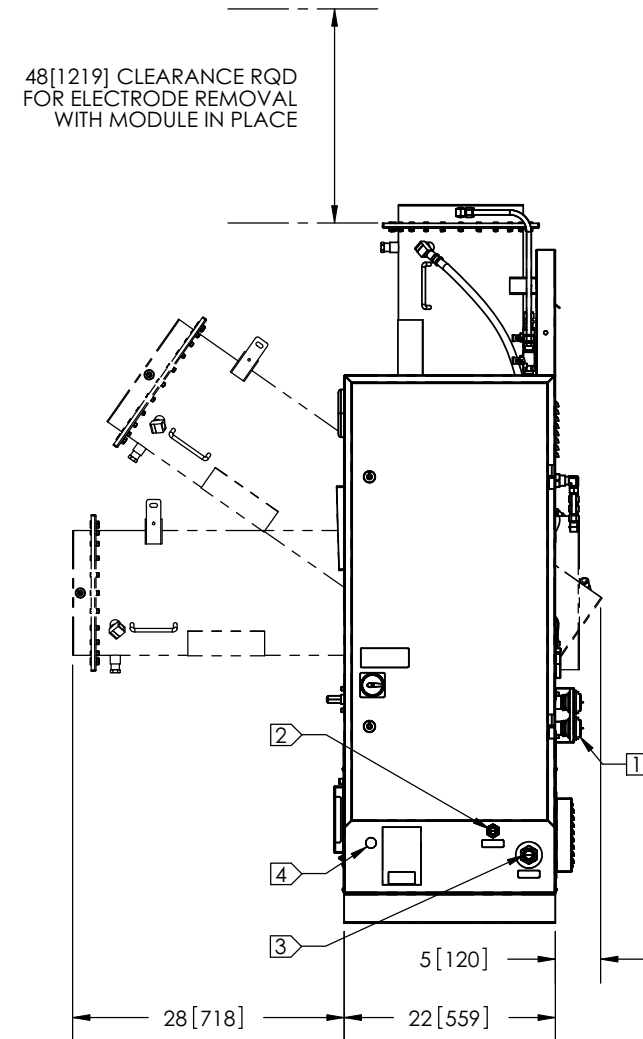
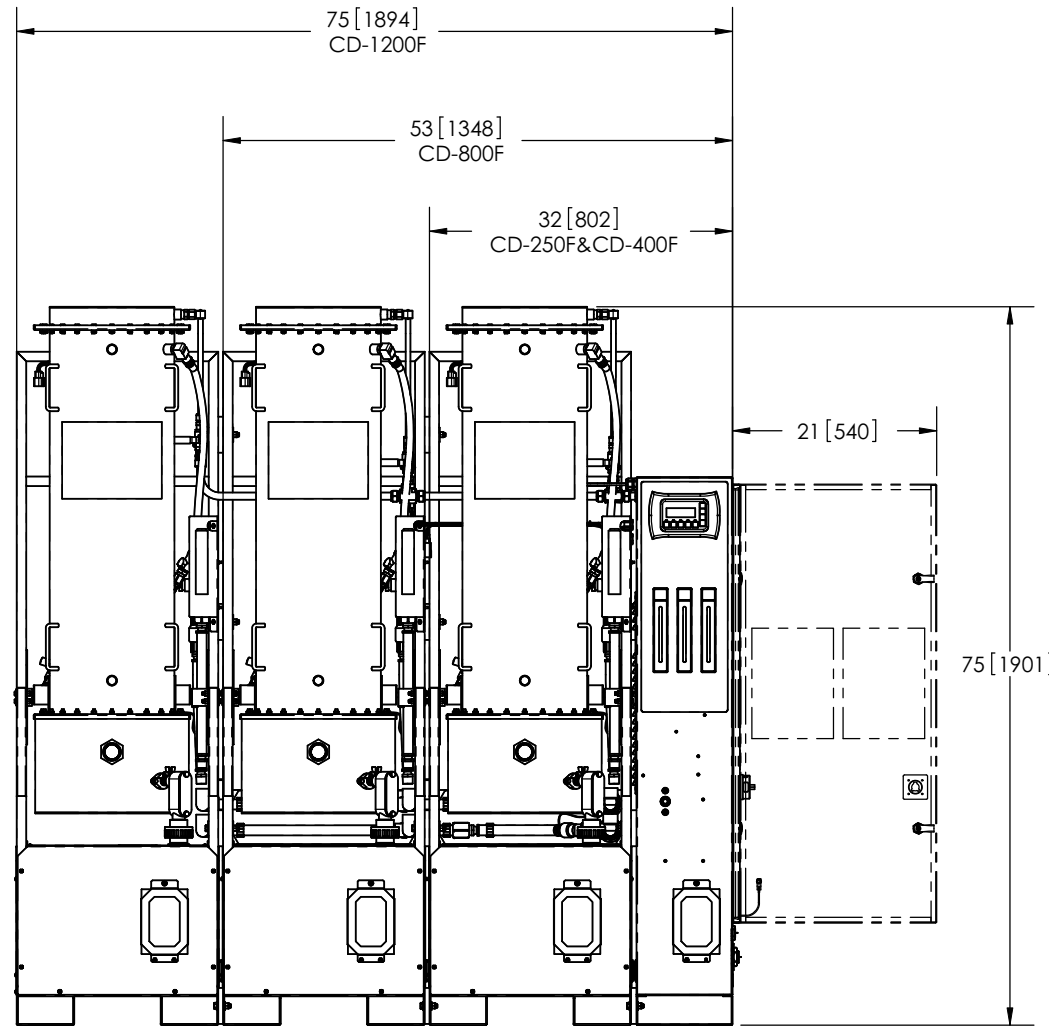


SPECIFICATIONS

- ① COOLING WATER IN&OUT, 3/4" FNPT, PVC
- ② OXYGEN INLET, 1/2" FNPT, BRASS
- ③ OZONE OUTLET, 3/4" FNPT, SS
- ④ POWER INLET, ϕ 1.09 FOR 3/4" NPT FITTING

	CD-250F	CD-400F	CD-800F	CD-1200F
OZONE OUTPUT (+/-10%)	250 g/hr (13.2 lb/day)	400 g/hr (21.2 lb/day)	800 g/hr (42.3 lb/day)	1200 g/hr (63.5 lb/day)
FLOW RATE (NOMINAL)	3.4 m ³ /hr (120 ft ³ /hr)	5.7 m ³ /hr (200 ft ³ /hr)	11.3 m ³ /hr (400 ft ³ /hr)	17.0 m ³ /hr (600 ft ³ /hr)
CONCENTRATION(NOMINAL)	73 g/Nm ³ (5.0% wt)	73 g/Nm ³ (5.0% wt)	73 g/Nm ³ (5.0% wt)	73 g/Nm ³ (5.0% wt)
VOLTAGE	207-253VAC,50/60Hz,3 ϕ	432-528VAC,50/60Hz,3 ϕ	432-528VAC,50/60Hz,3 ϕ	432-528VAC,50/60Hz,3 ϕ
POWER	5.6 kVA	7.5 kVA	15.0 kVA	22.5kVA
COOLING WATER				
FLOW*	0.5 m ³ /hr (2.0 gpm)	0.7 m ³ /hr (3.0 gpm)	1.4 m ³ /hr (6.0 gpm)	2.0 m ³ /hr (9.0 gpm)
INLET TEMPERATURE**	10-32°C (50-90°F)	10-32°C (50-90°F)	10-32°C (50-90°F)	10-32°C (50-90°F)
INLET PRESSURE (MAX)	103 kPa (15 psi)	103 kPa (15 psi)	103 kPa (15 psi)	138 kPa (20 psi)
HEAT REJECTION(TO AIR)	1.4 kW (4781 BTU/hr)	1.7 kW (5806 BTU/hr)	3.4 kW (11600 BTU/hr)	5.1 kW (17400 BTU/hr)
WEIGHT	294 kg (650 lb)	318 kg (700 lb)	680 kg (1500 lb)	1043 kg (2300 lb)
LOCATION REQUIREMENTS				
AMBIENT TEMPERATURE	4-38°C (40-100°F)	4-38°C (40-100°F)	4-38°C (40-100°F)	4-38°C (40-100°F)
MOUNTING	Indoor Only. Floor mount in a clean, protected area.			



- * Cooling water flow for approximate temperature rise of 8°C (15°F). Lower flows may be used if larger temperature differentials can be tolerated.
- ** Potable water may be used for cooling. Specified ozone output is at 16°C (60°F). Generator efficiency and life will be improved with water inlet temperatures of 27°C (80°F) or less.

STANDARD FEATURES

- Control Enclosure built to NEMA 3R standards
- Ozone Transformer Enclosure built to NEMA 12 standards
- Programmable Logic Controller with LCD equipped User Interface Panel
- Protection from
 - Low Vacuum
 - High Vacuum
 - Pressure Loss
 - Water Backflow
 - Low Cooling Water flow
 - Ozone Module Overheat
 - Transformer Overheat
 - Low Oxygen Concentration
- 24VDC Control System
- Complete Ozone Isolation during shutdown
- All Stainless Steel Water Cooled Generator Module
- Electrodes
 - Cold Plasma
 - Medium Frequency
 - Vertical tube and shell
 - Glass Tube Dielectric
- Variable Ozone Output (0-100%)
- 4-20mA External Ozone Output Control
- Vacuum Operation with Built-in Vacuum Regulation
- User Contacts for External Shut-down or Stand-by
- 2 year Parts and Labor Warranty

OPTIONAL FEATURES

- ORP Monitor / Controller
- Ambient Ozone Monitor / Controller
- Dissolved Ozone Monitor / Controller
- Closed Loop Cooling System

ALL DIMENSIONS IN INCHES [mm]				APPROVALS:	DATE:	PROPERTY OF DEL OZONE	TITLE:	
E	4476	REFORMAT & RETITLE DRAWING	5/10/10	DRAWN: FM	03/25/05	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.		
D	2771	CHANGE FLOW FROM MAX TO NOMINAL REVISE VOLTAGE TO INCLUDE RANGE	09/28/06	ENGR. APPR: S. HEADONE	2010.05.14			CD-250F/CD-400F/CD-800F/CD-1200F SPECIFICATION DRAWING
C	2688	REVISE MODEL 250F SPECS	08/01/06		08:02:36 -07'00'			
B	2623	REVISE O2 FLOW, PWR, WT, H2O FTGS	06/23/06					
A	2520	PRODUCTION RELEASE	11/22/05					
LTR:	ECN:	DESCRIPTION:	DATE:	MFG. APPR:				
REVISIONS:				Q.A. APPR:			PART NUMBER: 4-0816	
							REV. E	SHEET: 1 OF 1