Chlor-o-Safe® Hypochlorite Generator

Technical data, capacity up to 2400 Cl_2 g/h - Chlor-o-Safe® (Electro Syn Cell®)

80 – 640 g/h

Type ►►►►►►►►►►►►	8-1,0	16-2,1	24-3,2	32-4,3	48-6,4	64-8,6
Capacity, Cl2 g/h	**80**	**160**	**240**	**320**	**480**	**640**
Chlorine content, g/kg	8-900	8-900	8-900	8-900	8-900	8-900
Capacity, Cl2 kg/24h	1,92	3,84	5,76	7,68	11,52	15,36
Corresponds to NaCLO kg/24h	*11,52*	*23,04*	*34,56*	*46,08*	*69,12*	*92,16*
NaClO approx 0.8%, L/h	10,75	21,50	32,25	43,00	64,50	86,00
NaClO approx 0.8%, L/24h	258	516	774	1032	1548	2064
Brine flow, L/h	0,75	1,50	2,25	3,00	4,50	6,00
Salt consumption kg/h (310g/L)	0,23	0,47	0,70	0,93	1,40	1,86
Salt consumption kg/24h (310g/L)	5,52	11,28	16,80	22,32	33,60	44,64
Salt consumption kg/kg Cl_2	2,88	2,94	2,92	2,91	2,92	2,91
Water consumption, L/h	10,00	20,00	30,00	40,00	60,00	80,00
Water consumption, L/24h	240	480	720	960	1440	1920
Water consumption, L/kg Cl_2	125,0	125,0	125,0	125,0	125,0	125,0
Power consumption, DC, kW	0,41	0,82	1,23	1,64	2,46	3,28
Power consumption, AC, kW	0,55	1,09	1,64	2,05	3,07	4,10
Power consumption, AC, kWh/kg Cl_2	6,88	6,81	6,83	6,41	6,40	6,41
Normal operating potential, V	4,20	4,20	4,20	8,40	4,20	8,40
Safety potential (idle), V	0,70	0,70	0,70	1,40	0,70	1,40
Power supply size, V/Amp	12/300	12/300	12/300	12/300	12/600	12/600
Operating Current, Amp/Amp EFF	**100/1**	**200/1,4**	**300/2**	**200/4**	**600/4**	**400/8**
Electrical connection, V/Amp	380/16	380/16	380/16	380/16	380/20	380/20
Hz/phase	50/3	50/3	50/3	50/3	50/3	50/3
KRAFT-Power supply, type	½-Modul	½-Modul	½-Modul	½-Modul	1-Modul	1-Modul

960 – 2400 g/h

Type ►►►►►►►►►►►►	96-12,9	128-17	144-19	160-21	192-26	240-32
Capacity, Cl2 g/h	**960**	**1280**	**1440**	**1600**	**1920**	**2400**
Chlorine content, g/kg	8-900	8-900	8-900	8-900	8-900	8-900
Capacity, Cl2 kg/24h	23,04	30,72	34,56	38,40	46,08	57,60
Corresponds to NaCLO kg/24h	*138,24*	*184,32*	*207,36*	*230,40*	*276,48*	*345,60*
NaClO approx 0.8%, L/h	129,00	172,00	193,50	215,00	258,00	322,50
NaClO approx 0.8%, L/24h	3096	4128	4644	5160	6192	7740
Brine flow, L/h	9,00	12,00	13,50	15,00	18,00	22,50
Salt consumption kg/h (310g/L)	2,79	3,72	4,19	4,65	5,58	6,98
Salt consumption kg/24h (310g/L)	66,96	89,28	100,56	111,60	133,90	167,50
Salt consumption kg/kg Cl_2	2,91	2,91	2,91	2,91	2,91	2,91
Water consumption, L/h	120,00	160,00	180,00	200,00	240,00	300,00
Water consumption, L/24h	2880	3840	4320	4800	5760	7200
Water consumption, L/kg Cl_2	125,0	125,0	125,0	125,0	125,00	125,00
Power consumption, DC, kW	4,92	6,56	7,38	8,20	9,84	12,30
Power consumption, AC, kW	5,79	7,72	8,68	9,11	10,93	13,67
Power consumption, AC, kWh/kg Cl_2	6,03	6,03	6,03	5,69	5,69	5,70
Normal operating potential, V	12,60	16,80	12,60	21,00	16,80	21,00
Safety potential (idle), V	2,10	2,80	2,10	3,50	2,80	3,50
Power supply size, V/Amp	12/600	24/600	24/600	24/600	24/600	24/600
Operating Current, Amp/Amp EFF	**400/8**	**400/11**	**600/12**	**400/14**	**600/16**	**600/20**
Electrical connection, V/Amp	380/20	380/35	380/35	380/35	380/35	380/35
Electrical connection, V/Amp, Twin (2 cells)	380/50	380/50	380/50	380/63	380/63	380/63
Hz/phase	50/3	50/3	50/3	50/3	50/3	50/3
KRAFT-Power supply, type	1-Modul	2-Moduls	2-Moduls	2-Moduls	2-Moduls	2-Moduls

Units with higher capacity are also available up to 20 kg Cl_2/h/cell module