

GP200 Standard (CT) Bin Gas Listing				15 psia Inlet, Vacuum Outlet																	
Gas Code	Gas Symbol	Gas Name	Inlet Pressure	CT40	CT40	CT41	CT41	CT42	CT42	CT43	CT43	CT44	CT44	CT45	CT45	CT46	CT46	CT47	CT47	CT48	CT48
				Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1	He	Helium	15 psia	1.24	3.7	3.7	12.2	12.2	38.5	38.5	126	126	435	435	1380	1380	4300	4300	10800	10800	17800
4	Ar	Argon	15 psia	1.1	3.25	3.25	10.2	10.2	32.5	32.5	99	99	340	340	1020	1020	3400	3400	8500	8500	14800
7	H2	Hydrogen	15 psia	2.75	8.3	8.3	27	27	86	86	275	275	930	930	2950	2950	9100	9100	23500	23500	39000
9	CO	Carbon Monoxide	15 psia	1.4	4.2	4.2	12.8	12.8	42	42	124	124	420	420	1280	1280	4200	4200	10600	10600	19000
10	HBr	Hydrogen Bromide	15 psia	1.28	3.8	3.8	11.2	11.2	37	37	87	87	295	295	790	790	2800	2800	6400	6400	11600
11	HCl	Hydrogen Chloride	15 psia	1.64	4.95	4.95	14.6	14.6	49	49	130	130	440	440	1180	1180	4200	4200	9500	9500	17200
13	N2	Nitrogen	15 psia	1.4	4.2	4.2	12.8	12.8	41.5	41.5	124	124	420	420	1280	1280	4200	4200	10400	10400	18800
15	O2	Oxygen	15 psia	1.2	3.6	3.6	11.2	11.2	36	36	110	110	375	375	1120	1120	3750	3750	9300	9300	16400
19	Cl2	Chlorine	15 psia	1.8	5.4	5.4	14.8	14.8	50	50	92	92	310	310	830	830	2950				
25	CO2	Carbon Dioxide	15 psia	1.64	4.9	4.9	14.4	14.4	48	48	114	114	385	385	1040	1040	3700	3700	8500	8500	15200
27	N2O	Nitrous Oxide	15 psia	1.64	4.95	4.95	14.6	14.6	48	48	114	114	385	385	1040	1040	3700	3700	8500	8500	15200
28	CH4	Methane	15 psia	2.25	6.7	6.7	20	20	67	67	190	190	630	630	1720	1720	6100	6100	14000	14000	25000
29	NH3	Ammonia	15 psia	2.4	7.2	7.2	21.5	21.5	71	71	186	186	630	630	1680	1680	6000	6000	13600	13600	24500
32	SO2	Sulfur Dioxide	15 psia	1.92	5.8	5.8	15.6	15.6	53	53	96	96	320	320	860	860	3050				
33	CH3F	Methyl Fluoride	15 psia	2.25	6.7	6.7	19.6	19.6	63	63	132	132	440	440	1180	1180	4200	4200	9800	9800	17600
34	COS	Carbonyl Sulfide	15 psia	1.96	5.9	5.9	16	16	55	55	98	98	330	330	880	880	3150				
39	SiH4	Silane	15 psia	2.3	6.8	6.8	20	20	65	65	132	132	445	445	1200	1200	4250				
42	C2H2	Acetylene	15 psia	2.35	7.1	7.1	21	21	68	68	148	148	495	495	1320	1320	4750	4750	11000	11000	19600
49	CHF3	Fluoroform (Freon-23)	15 psia	1.64	4.9	4.9	14	14	46	46	89	89	300	300	800	800	2850				
53	NF3	Nitrogen Trifluoride	15 psia	1.38	4.15	4.15	12.2	12.2	39.5	39.5	88	88	295	295	790	790	2800	2800	6600	6600	11800
58	B2H6	Diborane	15 psia	3.1	9.3	9.3	24.5	24.5	86	86	140	140	470	470	1260	1260	4500				
61	C3H6-a)	Cyclopropane	15 psia	2.7	8.2	8.2	19.8	19.8	75	75	114	114	385								
63	CF4	Carbon Tetrafluoride (Freon-14)	15 psia	1.42	4.25	4.25	12.2	12.2	40	40	78	78	265	265	710	710	2500				
69	C3H6-b)	Propylene	15 psia	2.8	8.4	8.4	19.6	19.6	76	76	114	114	380								
160	CH2F2	Difluoromethane	15 psia	1.92	5.8	5.8	16.4	16.4	54	54	104	104	355	355	940	940	3350				
615	5%B2H6/Ar	5%DIBORANE/ARGON	15 psia	1.14	3.45	3.45	10.4	10.4	34	34	102	102	350	350	1040	1040	3500	3500	8700	8700	15600
641	15%O3/O2	15%OZONE/OXYGEN	15 psia	1.3	3.95	3.95	11.8	11.8	39	39	116	116	390	390	1180	1180	3850	3850	9500	9500	17200
654	5%B2H6/N2	5%DIBORANE/NITROGEN	15 psia	1.46	4.35	4.35	13.2	13.2	43.5	43.5	128	128	430	430	1320	1320	4300	4300	10600	10600	19000
701	10%B2H6/H2	10%DIBORANE/HYDROGEN	15 psia	2.6	7.8	7.8	25	25	79	79	250	250	850	850	2550	2550	8300	8300	21500	21500	36000
820	15%B2H6/H2	15%Diborane/Hydrogen	15 psia	2.6	7.8	7.8	24.5	24.5	78	78	240	240	830	830	2450	2450	8200	8200	21000	21000	35500
869	20%O3/O2	20%Ozone/Oxygen	15 psia	1.34	4.05	4.05	12.2	12.2	40	40	118	118	395	395	1180	1180	3900	3900	9400	9400	17000

GP200 Standard (CT) Bin Gas Listing				25 psia Inlet, Vacuum Outlet																	
Gas Code	Gas Symbol	Gas Name	Inlet Pressure	CT40	CT40	CT41	CT41	CT42	CT42	CT43	CT43	CT44	CT44	CT45	CT45	CT46	CT46	CT47	CT47	CT48	CT48
				Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1	He	Helium	25 psia	2.1	6.3	6.3	20.5	20.5	66	66	215	215	740	740	2350	2350	7300	7300	18400	18400	30000
4	Ar	Argon	25 psia	1.84	5.5	5.5	17.2	17.2	55	55	168	168	580	580	1700	1700	5700	5700	14400	14400	25000
7	H2	Hydrogen	25 psia	4.7	14.2	14.2	45.5	45.5	146	146	465	465	1560	1560	5000	5000	15400	15400	40000	40000	66000
9	CO	Carbon Monoxide	25 psia	2.4	7.2	7.2	21.5	21.5	71	71	210	210	710	710	2150	2150	7100	7100	17800	17800	32000
10	HBr	Hydrogen Bromide	25 psia	2.15	6.5	6.5	18.8	18.8	62	62	146	146	490	490	1320	1320	4700	4700	11000	11000	19800
11	HCl	Hydrogen Chloride	25 psia	2.8	8.4	8.4	24.5	24.5	83	83	215	215	730	730	1960	1960	7000	7000	16200	16200	29000
13	N2	Nitrogen	25 psia	2.35	7.1	7.1	21.5	21.5	71	71	210	210	710	710	2150	2150	7100	7100	17800	17800	32000
15	O2	Oxygen	25 psia	2.05	6.1	6.1	18.8	18.8	61	61	184	184	630	630	1880	1880	6300	6300	15800	15800	27500
19	Cl2	Chlorine	25 psia	3.05	9.1	9.1	25	25	84	84	154	154	520	520	1380	1380	4950				
25	CO2	Carbon Dioxide	25 psia	2.8	8.3	8.3	24.5	24.5	81	81	192	192	650	650	1720	1720	6200	6200	14400	14400	26000
27	N2O	Nitrous Oxide	25 psia	2.8	8.4	8.4	24.5	24.5	81	81	192	192	640	640	1720	1720	6100	6100	14400	14400	26000
28	CH4	Methane	25 psia	3.8	11.4	11.4	33.5	33.5	112	112	320	320	1060	1060	2850	2850	10200	10200	24000	24000	43000
29	NH3	Ammonia	25 psia	4.1	12.2	12.2	36	36	120	120	310	310	1040	1040	2800	2800	10000	10000	23500	23500	42000
32	SO2	Sulfur Dioxide	25 psia	3.25	9.7	9.7	26.5	26.5	90	90	160	160	540	540	1440	1440	5100				
33	CH3F	Methyl Fluoride	25 psia	3.75	11.4	11.4	33	33	106	106	220	220	730	730	1960	1960	7000	7000	15000	15000	29500
34	COS	Carbonyl Sulfide	25 psia	3.35	10	10	27	27	92	92	164	164	550	550	1460	1460	5200				
39	SiH4	Silane	25 psia	3.85	11.6	11.6	33.5	33.5	108	108	220	220	740	740	2000	2000	7100				
42	C2H2	Acetylene	25 psia	4	12	12	35	35	114	114	245	245	820	820	2200	2200	7900	7900	18400	18400	33500
49	CHF3	Fluoroform (Freon-23)	25 psia	2.75	8.3	8.3	23.5	23.5	78	78	148	148	500	500	1340	1340	4750				
53	NF3	Nitrogen Trifluoride	25 psia	2.35	7	7	20.5	20.5	67	67	146	146	490	490	1320	1320	4700	4700	11200	11200	20000
58	B2H6	Diborane	25 psia	5.3	15.8	15.8	40.5	40.5	144	144	235	235	790	790	2100	2100	7500				
61	C3H6-a)	Cyclopropane	25 psia	4.6	13.8	13.8	33	33	126	126	190	190	640								
63	CF4	Carbon Tetrafluoride (Freon-14)	25 psia	2.4	7.2	7.2	20.5	20.5	68	68	130	130	440	440	1180	1180	4200				
69	C3H6-b)	Propylene	25 psia	4.7	14.2	14.2	33	33	128	128	188	188	630								
160	CH2F2	Diffuoromethane	25 psia	3.25	9.8	9.8	27.5	27.5	91	91	174	174	590	590	1580	1580	5600				
615	5%B2H6/Ar	5%DIBORANE/ARGON	25 psia	1.94	5.8	5.8	17.8	17.8	58	58	172	172	590	590	1760	1760	6000	6000	14800	14800	26000
641	15%O3/O2	15%OZONE/OXYGEN	25 psia	2.2	6.6	6.6	20	20	66	66	194	194	660	660	1980	1980	6500	6500	16400	16400	29500
654	5%B2H6/N2	5%DIBORANE/NITROGEN	25 psia	2.45	7.4	7.4	22.5	22.5	73	73	215	215	730	730	2200	2200	7200	7200	18200	18200	32500
701	10%B2H6/H2	10%DIBORANE/HYDROGEN	25 psia	4.45	13.4	13.4	42.5	42.5	134	134	425	425	1440	1440	4300	4300	14000	14000	36000	36000	61000
820	15%B2H6/H2	15%Diborane/Hydrogen	25 psia	4.4	13.2	13.2	41	41	132	132	405	405	1400	1400	4150	4150	13800	13800	35500	35500	60000
869	20%O3/O2	20%Ozone/Oxygen	25 psia	2.25	6.8	6.8	20.5	20.5	68	68	198	198	660	660	1960	1960	6600	6600	16200	16200	29000

GP200 Standard (CT) Bin Gas Listing				35 psia Inlet, Vacuum Outlet																	
Gas Code	Gas Symbol	Gas Name	Inlet Pressure	CT40	CT40	CT41	CT41	CT42	CT42	CT43	CT43	CT44	CT44	CT45	CT45	CT46	CT46	CT47	CT47	CT48	CT48
				Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1	He	Helium	35 psia	3	9	9	29	29	92	92	305	305	1040	1040	3300	3300	10200	10200	26000	26000	42000
4	Ar	Argon	35 psia	2.6	7.8	7.8	24	24	78	78	235	235	810	810	2400	2400	8000	8000	20500	20500	35500
7	H2	Hydrogen	35 psia	6.7	20	20	64	64	205	205	660	660	2200	2200	7100	7100	22000	22000	56000	56000	93000
9	CO	Carbon Monoxide	35 psia	3.35	10	10	30.5	30.5	100	100	295	295	1000	1000	3000	3000	10000	10000	25000	25000	45500
10	HBr	Hydrogen Bromide	35 psia	3.05	9.1	9.1	26.5	26.5	88	88	205	205	690	690	1840	1840	6600	6600	11000	11000	22000
11	HCl	Hydrogen Chloride	35 psia	3.95	11.8	11.8	34.5	34.5	116	116	305	305	1020	1020	2750	2750	9800	9800	19000	19000	38000
13	N2	Nitrogen	35 psia	3.35	10	10	30	30	100	100	300	300	1000	1000	3000	3000	10000	10000	25000	25000	45000
15	O2	Oxygen	35 psia	2.9	8.6	8.6	26.5	26.5	86	86	260	260	890	890	2650	2650	8900	8900	22500	22500	39000
19	Cl2	Chlorine	35 psia	4.3	12.8	12.8	35	35	118	118	215	215	720	720	1940	1940	6900	6900	15800	15800	31500
25	CO2	Carbon Dioxide	35 psia	3.9	11.8	11.8	34.5	34.5	114	114	270	270	900	900	2400	2400	8600	8600	15740	15800	31420
27	N2O	Nitrous Oxide	35 psia	3.95	11.8	11.8	34.5	34.5	114	114	270	270	900	900	2400	2400	8600	8600	15740	15800	31420
28	CH4	Methane	35 psia	5.3	16	16	47.5	47.5	158	158	445	445	1500	1500	4000	4000	14400	14400	32000	32000	61000
29	NH3	Ammonia	35 psia	5.7	17.2	17.2	51	51	170	170	435	435	1460	1460	3900	3900	14000	14000	27910		
32	SO2	Sulfur Dioxide	35 psia	4.55	13.8	13.8	37	37	126	126	225	225	750	750	2000	2000	7200				
33	CH3F	Methyl Fluoride	35 psia	5.3	16	16	46	46	150	150	305	305	1020	1020	2750	2750	9800				
34	COS	Carbonyl Sulfide	35 psia	4.7	14	14	38	38	130	130	230	230	770	770	2050	2050	7300				
39	SiH4	Silane	35 psia	5.4	16.2	16.2	47.5	47.5	154	154	310	310	1040	1040	2800	2800	10000				
42	C2H2	Acetylene	35 psia	5.6	17	17	49.5	49.5	162	162	345	345	1160	1160	3100	3100	11000	11000	18400	18400	36900
49	CHF3	Fluoroform (Freon-23)	35 psia	3.9	11.6	11.6	33	33	110	110	210	210	700	700	1860	1860	6700				
53	NF3	Nitrogen Trifluoride	35 psia	3.3	9.9	9.9	29	29	94	94	205	205	690	690	1840	1840	6600	6600	11600	11600	23000
58	B2H6	Diborane	35 psia	7.4	22	22	57	57	205	205	330	330	1100	1100	2950	2950	10600				
61	C3H6-a)	Cyclopropane	35 psia	6.5	19.4	19.4	46.5	46.5	178	178	265	265	900								
63	CF4	Carbon Tetrafluoride (Freon-14)	35 psia	3.4	10.2	10.2	29	29	95	95	182	182	610	610	1640	1640	5900				
69	C3H6-b)	Propylene	35 psia	6.7	20	20	46	46	182	182	265	265	890								
160	CH2F2	Diffuoromethane	35 psia	4.6	13.8	13.8	39	39	128	128	245	245	820	820	2200	2200	7900				
615	5%B2H6/Ar	5%DIBORANE/ARGON	35 psia	2.75	8.2	8.2	25	25	81	81	245	245	830	830	2450	2450	8400	8400	21000	21000	37000
641	15%O3/O2	15%OZONE/OXYGEN	35 psia	3.1	9.4	9.4	28.5	28.5	93	93	275	275	920	920	2800	2800	9200	9200	23000	23000	42000
654	5%B2H6/N2	5%DIBORANE/NITROGEN	35 psia	3.45	10.4	10.4	31.5	31.5	104	104	305	305	1020	1020	3100	3100	10200	10200	25500	25500	46500
701	10%B2H6/H2	10%DIBORANE/HYDROGEN	35 psia	6.3	18.8	18.8	60	60	190	190	600	600	2050	2050	6000	6000	19800	19800	51000	51000	86000
820	15%B2H6/H2	15%Diborane/Hydrogen	35 psia	6.2	18.6	18.6	58	58	188	188	570	570	1980	1980	5800	5800	19400	19400	50000	50000	85000
869	20%O3/O2	20%Ozone/Oxygen	35 psia	3.2	9.6	9.6	29	29	95	95	275	275	930	930	2750	2750	9200	9200	23000	23000	41500

GP200 Standard (CT) Bin Gas Listing				45 psia Inlet, Vacuum Outlet																		
Gas Code	Gas Symbol	Gas Name	Inlet Pressure	CT40	CT40	CT41	CT41	CT42	CT42	CT43	CT43	CT44	CT44	CT45	CT45	CT46	CT46	CT47	CT47	CT48	CT48	
				Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
1	He	Helium	45 psia	3.85	11.6	11.6	37.5	37.5	120	120	395	395	1340	1340	4250	4250	13200	13200	33500	33500	54000	54000
4	Ar	Argon	45 psia	3.35	10.2	10.2	31	31	100	100	305	305	1060	1060	3100	3100	10400	10400	26000	26000	45500	45500
7	H2	Hydrogen	45 psia	8.6	26	26	83	83	265	265	850	850	2850	2850	9200	9200	28000	28000	73000	73000	120000	120000
9	CO	Carbon Monoxide	45 psia	4.35	13	13	39.5	39.5	130	130	380	380	1300	1300	3900	3900	13000	13000	29000	29000	58000	58000
10	HBr	Hydrogen Bromide	45 psia	3.9	11.8	11.8	34	34	114	114	265	265	890	890	2350	2350	8500	8500				
11	HCl	Hydrogen Chloride	45 psia	5.1	15.2	15.2	44.5	44.5	150	150	390	390	1320	1320	3550	3550	12600	12600	19000	19000	38000	38000
13	N2	Nitrogen	45 psia	4.3	12.8	12.8	39	39	128	128	380	380	1280	1280	3850	3850	13000	13000	29350	29350	58000	58000
15	O2	Oxygen	45 psia	3.7	11.2	11.2	34.5	34.5	112	112	335	335	1140	1140	3400	3400	11400	11400	29000	29000	50000	50000
19	Cl2	Chlorine	45 psia	5.5	16.6	16.6	45.5	45.5	152	152	275	275	930	930	2500	2500	8900	8900				
25	CO2	Carbon Dioxide	45 psia	5	15.2	15.2	44.5	44.5	146	146	345	345	1160	1160	3100	3100	11200	11200	15800	15800	31500	31500
27	N2O	Nitrous Oxide	45 psia	5.1	15.2	15.2	44.5	44.5	148	148	345	345	1160	1160	3100	3100	11000	11000	15740	15800	31420	31420
28	CH4	Methane	45 psia	6.9	20.5	20.5	61	61	205	205	570	570	1920	1920	5200	5200	18400	18400	32000			
29	NH3	Ammonia	45 psia	7.4	22	22	65	65	220	220	560	560	1880	1880	5000	5000	18000	18000	27910			
32	SO2	Sulfur Dioxide	45 psia	5.9	17.6	17.6	48	48	162	162	285	285	960	960	2600	2600	9200					
33	CH3F	Methyl Fluoride	45 psia	6.9	20.5	20.5	60	60	194	194	395	395	1320	1320	3550	3550	12600					
34	COS	Carbonyl Sulfide	45 psia	6	18.2	18.2	49	49	166	166	295	295	990	990	2650	2650	9400					
39	SiH4	Silane	45 psia	7	21	21	61	61	198	198	400	400	1340	1340	3600	3600	12800					
42	C2H2	Acetylene	45 psia	7.3	22	22	64	64	210	210	440	440	1480	1480	3950	3950	14200					
49	CHF3	Fluoroform (Freon-23)	45 psia	5	15	15	43	43	140	140	265	265	900	900	2400	2400	8600					
53	NF3	Nitrogen Trifluoride	45 psia	4.25	12.8	12.8	37.5	37.5	122	122	265	265	880	880	2350	2350	8500					
58	B2H6	Diborane	45 psia	9.6	28.5	28.5	73	73	260	260	420	420	1420	1420	3800	3800	13600					
61	C3H6-a)	Cyclopropane	45 psia	8.4	25	25	60	60	230	230	345	345	1160									
63	CF4	Carbon Tetrafluoride (Freon-14)	45 psia	4.35	13	13	37.5	37.5	122	122	235	235	790	790	2100	2100	7500					
69	C3H6-b)	Propylene	45 psia	8.6	26	26	59	59	235	235	340	340	1140									
160	CH2F2	Diffuoromethane	45 psia	5.9	17.8	17.8	50	50	166	166	315	315	1060	1060	2850	2850	10200					
615	5%B2H6/Ar	5%DIBORANE/ARGON	45 psia	3.5	10.6	10.6	32.5	32.5	106	106	315	315	1080	1080	3200	3200	10800	10800	25000	25000	47500	47500
641	15%O3/O2	15%OZONE/OXYGEN	45 psia	4.05	12	12	36.5	36.5	120	120	350	350	1180	1180	3600	3600	11800	11800	25500	25500	50930	50930
654	5%B2H6/N2	5%DIBORANE/NITROGEN	45 psia	4.45	13.4	13.4	40.5	40.5	134	134	390	390	1320	1320	4000	4000	13200	13200	28000	28000	56000	56000
701	10%B2H6/H2	10%DIBORANE/HYDROGEN	45 psia	8.1	24.5	24.5	77	77	245	245	770	770	2600	2600	7800	7800	25500	25500	66000	66000	112000	112000
820	15%B2H6/H2	15%Diborane/Hydrogen	45 psia	8	24	24	75	75	240	240	740	740	2550	2550	7500	7500	25000	25000	64000	64000	110000	110000
869	20%O3/O2	20%Ozone/Oxygen	45 psia	4.15	12.4	12.4	37.5	37.5	122	122	360	360	1200	1200	3550	3550	12000	12000	24320	24500	48500	48500

GP200 Standard (CT) Bin Gas Listing				Vacuum Outlet																	
Gas Code	Gas Symbol	Gas Name	Inlet Pressure	CT40	CT40	CT41	CT41	CT42	CT42	CT43	CT43	CT44	CT44	CT45	CT45	CT46	CT46	CT47	CT47	CT48	CT48
				Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
12	HF	Hydrogen Fluoride	7 psia	0.87	2.6	2.6	7.8	7.8	26	26	75	75	250	250	740	740	2450	2450	5500	5500	9900
12	HF	Hydrogen Fluoride	9 psia	1.14	3.45	3.45	10.2	10.2	34	34	98	98	330	330	960	960	3200	3200	7300	7300	13200
12	HF	Hydrogen Fluoride	11 psia	1.42	4.25	4.25	12.6	12.6	42	42	122	122	405	405	1180	1180	3950	3950	9100	9100	16600
12	HF	Hydrogen Fluoride	13 psia	1.68	5	5	15	15	50	50	144	144	480	480	1380	1380	4700	4700	11000	11000	19800
12	HF	Hydrogen Fluoride	15 psia	1.94	5.8	5.8	17.4	17.4	58	58	166	166	560	560	1600	1600	5500	5500	12800	12800	23000
12	HF	Hydrogen Fluoride	17 psia	2.2	6.7	6.7	19.8	19.8	66	66	190	190	630	630	1820	1820	6200	6200	14600	14600	26500
12	HF	Hydrogen Fluoride	19 psia	2.5	7.5	7.5	22	22	74	74	210	210	710	710	2050	2050	6900	6900	16400	16400	29500
12	HF	Hydrogen Fluoride	21 psia	2.75	8.3	8.3	24.5	24.5	82	82	235	235	780	780	2250	2250	7700	7700	18200	18200	33000
12	HF	Hydrogen Fluoride	23 psia	3.05	9.1	9.1	27	27	90	90	260	260	860	860	2450	2450	8400	8400	20000	20000	36500
12	HF	Hydrogen Fluoride	25 psia	3.3	9.9	9.9	29.5	29.5	98	98	280	280	940	940	2650	2650	9200	9200	22000	22000	39500