

GAS GENERATOR SET PRODUCT RATINGS SUMMARY



60Hz GAS GENERATOR SET RATINGS

Biogas, Landfill Gas, Sewage Gas ¹⁾

Model	rpm	Emission Level No _x ²⁾		Aftercooler Temperature		Electric Power ³⁾ @ 1.0 pf kW _e	Efficiency ⁴⁾		
		mg/Nm ³	g/bhp-hr	°C	°F		Electrical Efficiency	Thermal Efficiency	Total Efficiency
							%	%	%
G3306	1800	6055	17.3	-	-	76	26.7	62.4	89.1
G3406	1800	7613	21.0	-	-	137	27.7	61.1	88.8
G3412	1800	7051	16.4	-	-	194	26.5	62.9	89.4
CG132-8	1800	500	1.0	40	104	400	41.6	43.2	84.8
G3508A	1200	859	2.0	54	130	408	32.2	45.8	78.0
CG132-12	1800	500	1.0	40	104	600	41.4	43.7	85.1
G3512 LE	1200	759	2.0	54	130	615	29.6	48.1	77.7
CG132-16	1800	500	1.0	40	104	800	41.7	43.3	85.0
G3516A	1200	787	2.0	54	130	824	31.0	47.6	78.6
G3516A+	1200	500	1.0	54	130	1015	36.1	39.9	76.0
CG170-12	1500	500	1.0	50	122	1200	41.8	43.8	85.6
CG170-16	1500	500	1.0	50	122	1550	41.4	43.9	85.3
G3520C	1200	439	1.0	54	130	1622	39.8	39.9	79.7
G3520C	1500	500	1.0	54	130	1936	38.7	44.7	83.4
CG170-20	1500	500	1.0	50	122	2000	42.7	43.3	86.0
CG260-12	900	500	1.0	40	104	2530	42.2	40.3	82.5
CG260-16	900	500	1.0	40	104	3370	43.1	38.6	81.7

Natural Gas ¹⁾

Model	rpm	Emission Level No _x ²⁾		Aftercooler Temperature		Electric Power ³⁾ @ 1.0 pf kW _e	Efficiency ⁴⁾		
		mg/Nm ³	g/bhp-hr	°C	°F		Electrical Efficiency	Thermal Efficiency	Total Efficiency
							%	%	%
G3306	1800	6785	16.0	-	-	104	31.7	59.6	91.3
G3306	1800	7317	18.8	54	130	143	31.5	64.0	95.5
G3406	1800	9176	21.6	-	-	155	30.1	57.3	87.4
G3406	1800	8269	19.7	54	130	217	33.5	52.9	86.4
G3412	1800	8566	22.1	-	-	253	30.3	60.9	91.2
G3508	1200	9498	26.0	54	130	373	32.8	51.8	84.6
G3508	1200	857	2.0	54	130	380	34.4	39.2	73.6
CG132-8	1800	500	1.0	40	104	401	41.2	46.1	87.3
G3412	1800	10624	25.7	54	130	403	33.4	54.3	87.7
G3412C	1800	800	1.9	54	130	453	35.3	47.1	82.4
G3512	1200	8399	20.8	54	130	564	32.5	55.2	87.7
G3512	1200	844	2.0	54	130	581	34.5	45.2	79.7
CG132-12	1800	500	1.0	40	104	600	41.1	46.6	87.7
G3516	1200	9791	24.0	54	130	755	33.0	49.1	82.1
G3516	1200	844	2.0	54	130	779	35.0	48.8	83.8
CG132-16	1800	500	1.0	40	104	800	41.5	46.3	87.8
CG170-12	1500	500	1.0	40	104	1200	43.4	43.2	86.6
G3516B	1800	407	1.0	54	130	1312	35.5	48.3	83.8
G3608	900	346	0.7	54	130	1549	38.8	42.2	81.0
CG170-16	1500	500	1.0	40	104	1550	43.0	43.7	86.7
G3520C	1200	500	1.0	54	130	1626	40.8	42.8	83.6
G3516C	1800	443	1.0	54	130	1663	37.6	46.4	84.0
CG170-20	1500	500	1.0	40	104	2000	43.5	43.2	86.7
G3516H	1500	500	1.0	48	118	2008	44.3	41.3	85.6
G3520E	1500	500	1.0	54	130	2026	42.2	44.0	86.2
G3520C	1800	446	1.0	54	130	2077	38.0	46.9	84.9
G3612	900	347	0.7	54	130	2347	40.2	42.1	82.3
CG260-12	900	500	1.0	40	104	3000	43.7	42.1	85.8
G3616	900	342	0.7	54	130	3121	40.5	41.4	81.9
CG260-16	900	500	1.0	40	104	4000	43.7	42.4	86.1
G16CM34	720	500	1.0	48	118	7808	46.9	41.8	88.7
G20CM34	720	500	1.0	48	118	9760	46.9	42.1	89.0